attwood® | MARINE PRODUCTS COLLECTION 2021

Testing our products to the highest standards every day.

At Attwood, we make quality our highest priority. We work hard to ensure accurate, consistent, and repeatable data that ensures our products meet industry standards set by the USCG, ABYC, and CE. Our state- of-the art test tab allows us to re-create the outdoors in a lab-controlled environment. This commitment to quality testing ensures that our products consistently outperform and outlast the competition. Not just in the test lab, but under real-water conditions.

We have proven ourselves as marine industry leaders in product testing and development. Our highly trained lab technicians are passionate about creating quality products. They maintain strict calibration requirements and follow proven test procedures. In addition to maintaining continuous test protocol during the life of our products, we also perform testing for our customers and vendors. With our extensive testing capabilities, you can count on Attwood products being put to the test!

TESTING CAPABILITIES

Dimensional	Material	Mechanical
Laser Scanner	Xenon Weathering	Product Durability
CMM	UVB Exposure	Ingress Protection
Optical Comparator	Salt Fog	Fluid Flow
	Gardner Impact	Fluid Pressure drop
	Chemical Exposure	Pressure testing (leak, life, strength)
	Color Matching	Environmental (cycle, shock, soak)
	Tensile/Compression strength	Water Intrusion
	Hardness	Dust ingress
	Adhesion	Mechanical Shock
		Vibration (Random, Sine)
		Product Dynamic Impact Performance
		Fatigue
		Light Intensity/ Chromaticity/ Cut-off angles (COLREG)
		Illumination
		Battery Life

TABLE OF CONTENTS

LET OUR CATALOG GUIDE YOU...

This catalog will help you select from Attwood's current line of marine products. It is divided into seven sections, as listed in the Table of Contents. Product pages contain the part number and a photograph of each product, along with a complete description and installation guidelines, dimensions, and specifications if applicable.

The products are presented in charts that provide quick comparisons between similar products. Where applicable, dimensional drawings are also included.

Use the catalog as follows:

Product Name

Product Description
Installation Guidelines

Proposition 65 Warning

Product Details

Part Number
Prop 65 warning required (asterix)
Packaging Type Guide

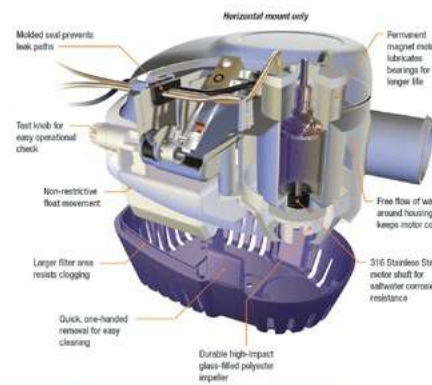|		
-7	=	Clamshell
-6	=	Blister
-5	=	Poly or Vinyl Bag
-4	=	Individual Carton
-3/L3	=	Skin Pack/Heavy Card
-2	=	Hang Tag
-1	=	Individual UPC label
PD/ D	=	PDQ Display

Page note(s)

SAHARA MK1
AUTOMATIC BILGE PUMPS

An automatic-switch bilge pump is a requirement for any vessels 20' and over with sleeping accommodations, but is a great convenience for any size boat. The Sahara has everything contained in one compact yet durable package – pump, wire seals, strainer, and **mercury-free** switch – and installs quickly and easily in tight spaces. Pumps include 29" lengths of 16-gauge caulked and tinned copper wire.

3 YEAR WARRANTY

* ⚠ **WARNING** Cancer and Reproductive Harm
– www.P65Warnings.ca.gov *(see page 240)*

Horizontal mount only

Molded seal prevents leak paths

Permanent magnet motor lubricates bearings for longer life

Test knob for easy operational check

Non-restrictive float movement

Free flow of water around housing keeps motor cool

Larger filter area resists clogging

316 Stainless Steel motor shaft for saltwater corrosion resistance

Quick, one-handed removal for easy cleaning

Durable high-impact glass-filled polyester impeller

Specifications (Motor Running)

			GPH Output @ Design Voltage 13.6 VDC					GPH Output @ Nominal Voltage 12.0 VDC						
Model No.	Rated Voltage	Design Voltage	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	Fuse Size	Hose Size
S500	12	13.6	1.5	500	350	200	9 ft.	1.2	450	300	190	8 ft.	3-amp	3/4" I.D.
S750	12	13.6	2.8	750	625	450	16 ft.	2.5	660	480	345	12 ft.	5-amp	3/4" I.D.
S750	24	27.2	1.5	750	625	450	16 ft.	1.2	660	480	345	12 ft.	2-amp	3/4" I.D.
S1100	12	13.6	4	1100	973	750	11 ft.	3.4	1070	820	615	9 ft.	6-amp	1-1/8" I.D.
S1100	24	27.2	1.9	1100	973	750	11 ft.	1.4	1070	820	615	9 ft.	3-amp	1-1/8" I.D.

4"
5-1/2"
3-1/4"

S500 Pump
S500 has plenty of pumping power for most jobs. 500 GPH † at open flow, 350 GPH † at 3.3' head. Draws only 1.5-amps at open flow!

Model No.	Rated Voltage	Hose Size	Wire/ Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
S500	12-volt	3/4" I.D.	29" wire	4505-1	*	4505-7	*
S500 with Stainless Steel Strainer	12-volt	3/4" I.D.	29" wire	4505S1	*	—	
Stainless Steel Strainer	—	—	—	4236		—	

4505

S750 Pump
S750 is sized for larger recreational boats. Our most powerful 3/4"-outlet automatic pump. 750 GPH † at open flow, 625 GPH † at 3.3' head. 3/4" hose outlet.
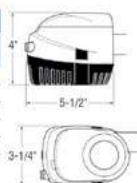
Model No.	Rated Voltage	Hose Size	Wire/ Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
S750	12-volt	3/4" I.D.	29" wire	4507-1	*	4507-7	*
S750 with Stainless Steel strainer	12-volt	3/4" I.D.	29" wire	4507S1	*	—	
S750	24-volt	3/4" I.D.	29" wire	4508-1	*	—	
Stainless Steel Strainer	—	—	—	4236		—	

4507

S1100 Pump
S1100 is our most powerful and efficient automatic pump. High capacity for larger boats and yachts. 1100 GPH † at open flow, 973 GPH † at 3.3' head. 1-1/8" hose outlet.

Model No.	Rated Voltage	Hose Size	Wire/ Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
S1100	12-volt	1-1/8" I.D.	29" wire	4511-1	*	4511-7	*
S1100 with Stainless Steel strainer	12-volt	1-1/8" I.D.	29" wire	4511S1	*	—	
S1100	24-volt	1-1/8" I.D.	29" wire	4512-1	*	—	
Stainless Steel Strainer	—	—	—	4236		—	

4511

† Listed GPH is measured at design voltage of 13.6 VDC.

BILGE PUMPS

WATER SYSTEMS & VENTILATION 5

WATER SYSTEMS & VENTILATION

COMPLETE SELECTION

A complete selection of pumps and blowers are available for fishing boats, runabouts, cruisers, yachts, and commercial boats. Attwood pumps and blowers are tested and approved as standard equipment by leading boat manufacturers.

Bilge and Aerator Pumps

The Heavy-Duty 1700 and 2000 bilge pumps have established Attwood into the commercial market with value-loaded industrial-duty features and performance.

The Tsunami series of cartridge style bilge and aerator pumps are engineered for higher performance in the most service friendly design imaginable. Their cartridge style allows quick and easy replacement without the need to remove hoses or mounting bases.

Automatic Bilge Pumps

All boats over 20' long with sleeping accommodations (excluding fold-out cockpit seats) should use automatic bilge pump systems. Non-automatic pumps drawing 12-amps or less can easily convert to automatic operation with an Attwood Automatic Float Switch (part number 4201 or 4202).

Our Sahara Series automatic pumps are available in 500, 750 and 1100 gph capacity models.

Bilge pumps are designed to exhaust standing water only. They are not intended to prevent accumulation of on-board water due to rough weather, hull damage, and/or other unsafe navigational conditions. Note: Bilge and aerator pumps must be lower than the source of water for priming.

Turbo In-Line Blowers

Attwood offers ventilation equipment and accessories featuring the revolutionary, patented Turbo In-Line Blowers for 3"- and 4"-diameter systems. Turbo blowers are the most dependable, efficient, and powerful in-line blowers on the market, designed using aerospace technology. The Turbo line also features the industry's first water-resistant blower models, with durability proven in rigorous moisture tests and years of success in the field. Attwood offers Turbo water-resistant blowers with an unprecedented three-year limited warranty, and a one-year limited warranty for standard models.

Certification, Standards, and Listings - Pumps

All Attwood pumps meet or exceed the following U.S. and international certificates and standards:

- ABYC H-22
- ISO 8846, 8849 Marine
- U.S. Coast Guard Rule, Title 33CFR sections 183.410 and 33CFR 183.425
- NMMA "As Approved Listing"
- CE
- All pumps are marine ignition protected

Certifications, Standards and Listings - Blowers

Attwood in-line blowers meet or exceed the following U.S. and international certificates and standards:

- ABYC-H2; ISO 9097
- U.S. Coast Guard Rules, Title 33 CFR sections 183.410, and 183.610 (b)
- Tested to ANSI/AMCA (210-85) and ANSI/ASHRAE (51-1985) standards
- NMMA "As Approved Listing"
- CE

Choice of Electrical Connectors

Attwood pumps feature several wire attachment styles to adapt to your boat's wiring harness. Standard wire on all pumps are tinned and caulked 16-gauge for butt connection. All pumps ignition protected.

Special connectors are available on special order by contacting your Attwood representative. Minimum order quantity is 250:

- Packard Connector
- Packard Connector, Water-Resistant
- Amp Connector
- Amp Connector, Water-Resistant
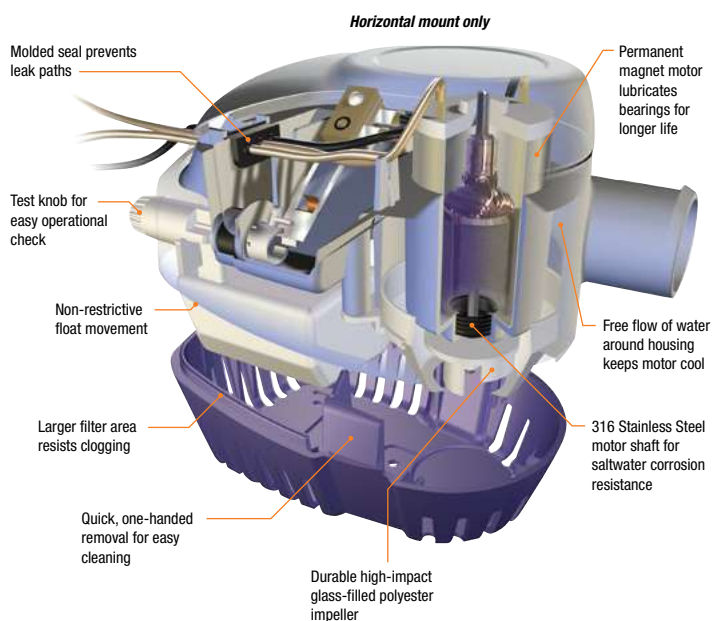- Deutsch Connector
- Quick Silver Connector
- Delphi Connector
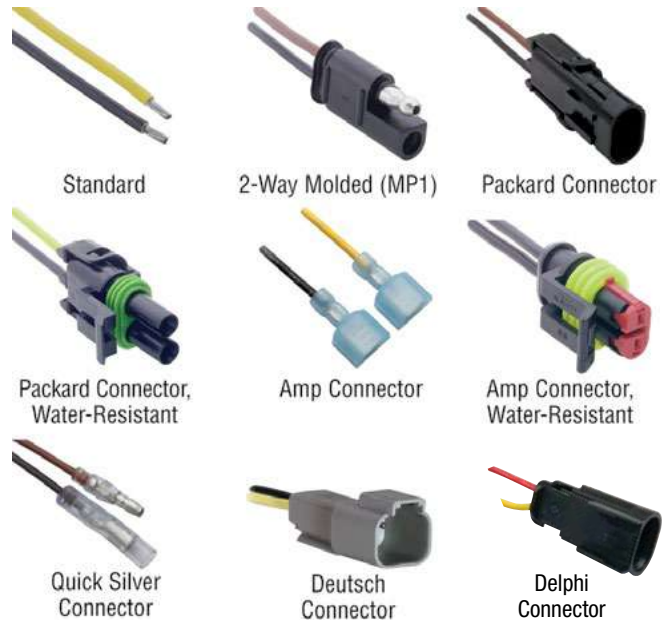
Brown – Positive, Black – Negative, Brown & White – Manual Override

SAHARA MK1
AUTOMATIC BILGE PUMPS

An automatic-switch bilge pump is a requirement for any vessels 20' and over with sleeping accommodations, but is a great convenience for any size boat. The Sahara has everything contained in one compact yet durable package – pump, wire seals, strainer, and **mercury-free** switch – and installs quickly and easily in tight spaces. Pumps include 29" lengths of 16-gauge caulked and tinned copper wire.
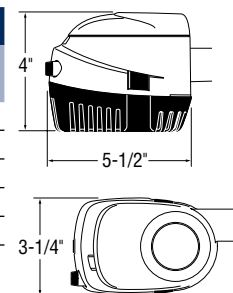
* ⚠ **WARNING**   Cancer and Reproductive Harm

– www.P65Warnings.ca.gov *(see page 240)*

3 YEAR WARRANTY

Horizontal mount only

Molded seal prevents leak paths

Test knob for easy operational check

Non-restrictive float movement

Larger filter area resists clogging

Quick, one-handed removal for easy cleaning

Durable high-impact glass-filled polyester impeller

Permanent magnet motor lubricates bearings for longer life

Free flow of water around housing keeps motor cool

316 Stainless Steel motor shaft for saltwater corrosion resistance

Specifications (Motor Running)

| Model No. | Rated Voltage | Design Voltage | GPH Output @ Design Voltage 13.6 VDC | | | | GPH Output @ Nominal Voltage 12.0 VDC | | | | | Fuse Size | Hose Size |
			Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head		
S500	12	13.6	1.5	500	350	200	9 ft.	1.2	450	300	190	8 ft.	3-amp	3/4" I.D.
S750	12	13.6	2.8	750	625	450	16 ft.	2.5	660	480	345	12 ft.	5-amp	3/4" I.D.
S750	24	27.2	1.5	750	625	450	16 ft.	1.2	660	480	345	12 ft.	2-amp	3/4" I.D.
S1100	12	13.6	4	1100	973	750	11 ft.	3.4	1070	820	615	9 ft.	6-amp	1-1/8" I.D.
S1100	24	27.2	1.9	1100	973	750	11 ft.	1.4	1070	820	615	9 ft.	3-amp	1-1/8" I.D.

4" 5-1/2" 3-1/4"

S500 Pump

S500 has plenty of pumping power for most jobs. 500 GPH † at open flow, 350 GPH † at 3.3' head. Draws only 1.5-amps at open flow!

Model No.	Rated Voltage	Hose Size	Wire/ Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
S500	12-volt	3/4" I.D.	29" wire	4505-1	*	4505-7	*
S500 with Stainless Steel Strainer	12-volt	3/4" I.D.	29" wire	4505S1	*	—	
Stainless Steel Strainer	—	—	—	4236		—	

4505

S750 Pump

S750 is sized for larger recreational boats. Our most powerful 3/4"-outlet automatic pump. 750 GPH † at open flow, 625 GPH † at 3.3' head. 3/4" hose outlet.

Model No.	Rated Voltage	Hose Size	Wire/ Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
S750	12-volt	3/4" I.D.	29" wire	4507-1	*	4507-7	*
S750 with Stainless Steel strainer	12-volt	3/4" I.D.	29" wire	4507S1	*	—	
S750	24-volt	3/4" I.D.	29" wire	4508-1	*	—	
Stainless Steel Strainer	—	—	—	4236		—	

4507

S1100 Pump

S1100 is our most powerful and efficient automatic pump. High capacity for larger boats and yachts. 1100 GPH † at open flow, 973 GPH † at 3.3' head. 1-1/8" hose outlet.

Model No.	Rated Voltage	Hose Size	Wire/ Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
S1100	12-volt	1-1/8" I.D.	29" wire	4511-1	*	4511-7	*
S1100 with Stainless Steel strainer	12-volt	1-1/8" I.D.	29" wire	4511S1	*	—	
S1100	24-volt	1-1/8" I.D.	29" wire	4512-1	*	—	
Stainless Steel Strainer	—	—	—	4236		—	

4511

† Listed GPH is measured at design voltage of 13.6 VDC.

HEAVY-DUTY
BILGE PUMPS

3 YEAR WARRANTY

Integrates the highest quality bearings, brushes, alloys and magnets designed to withstand extreme usage cycles. Pump also employs an exclusive shaft and motor compartment, reducing wear and significantly extending pump life. Advanced resin compositions incorporated into exterior to resist chemicals such as engine oil, aggressive detergents and hose plasticisers. Attwood's Heavy Duty Bilge has unsurpassed durability and efficiency in a compact design to ensure electrical energy is converted to the pump rather than excess heat. This pump is fully submersible.

* ⚠ **WARNING**   Cancer and Reproductive Harm
– www.P65Warnings.ca.gov *(see page 240)*

Tinned and caulked wire improves corrosion-resistance and eliminates water damage

Molded two-wire seal eliminates a potential leak path

Enhanced SS alloy motor shaft resists corrosion and reduces shaft seal degradation

Mechanically energized shaft seal improves pump durability and extends motor life

High-efficiency permanent magnet motor utilizes composite brushes and lubricated bearings to ensure long life under the most aggressive load conditions

Rugged glass- and mineral-filled polymer components withstand hull pounding, harsh bilge environments and deteriorating effects of hose plasticizers

Anti-Airlock nozzle exhausts air that causes air lock while preventing spray streams

Rotating outlet provides for improved hose installation

Interior and exterior attachment holes offer multiple mounting options

Locking tab and base swivel feature allow for 8 unique mounting positions

Specifications

| Model No. | Rated Voltage | Amp Draw | GPH Output @ Design Voltage 13.6 VDC | | | | GPH Output @ Nominal Voltage 12.0 VDC | | | | | Fuse Size | Hose Size |
			0 ft.	3.3 ft.	6.7 ft.	Max Head	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head		
HD1700	12	5.7	1700	1300	950	12 ft.	5.1	1500	1100	800	11 ft.	10-amp	1-1/8" I.D.
HD2000	12	6.6	2000	1600	1230	17 ft.	6	1800	1500	1200	16 ft.	12-amp	1-1/8" I.D.
	24	3.5	2000	1600	1230	17 ft.	2.9	1800	1500	1200	16 ft.	7-amp	1-1/8" I.D.

HD1700 Pump

The perfect upgrade from 1500 GPH rated pumps, especially older, over-rated designs. Delivers a true 1700 GPH at open flow while drawing less than 6-amps.
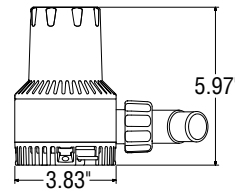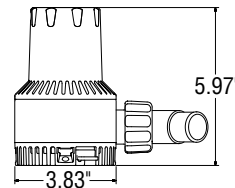
5.97"
3.83"

HD 1700 Pump with Anti-Airlock nozzle

4730

Model No.	Rated Voltage	Wire/Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
HD1700	12-volt	36" wire	**4730-1**	*	**4730-4**	*

HD2000 Pump

Attwood's highest capacity bilge pump! Ball-bearing design provides for cooler motor operation and longer life. Delivers over 2000 GPH at open flow while drawing less than 7-amps.
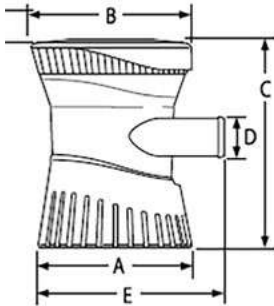
5.97"
3.83"

HD 2000 Pump with Anti-Airlock nozzle

4760

Model No.	Rated Voltage	Wire/Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
HD2000	12-volt	36" wire	**4760-1**	*	**4760-4**	*
	24-volt	36" wire	**4770-1**	*	**4770-4**	*

TSUNAMI
BILGE PUMPS

With their innovative engineering and compact design, Tsunami pumps deliver high output from a small package. We use the most advanced material available, including the best quality bearings and state-of-the-art brushes, alloys and magnets. Our patented shaft seal prevents leaks caused by misalignment and our caulked and tinned wiring eliminates wicking, prevents water damage and resists corrosion.

3 YEAR WARRANTY

Free-flowing water around motor housing keeps motor cooled and extends life

Just align cartridge tab with housing slot and twist to lock for easy installation

Rugged, glass-filled and mineral-filled polymer body withstands hull pounding, bilge environments and deteriorating effects of plasticizers in hoses

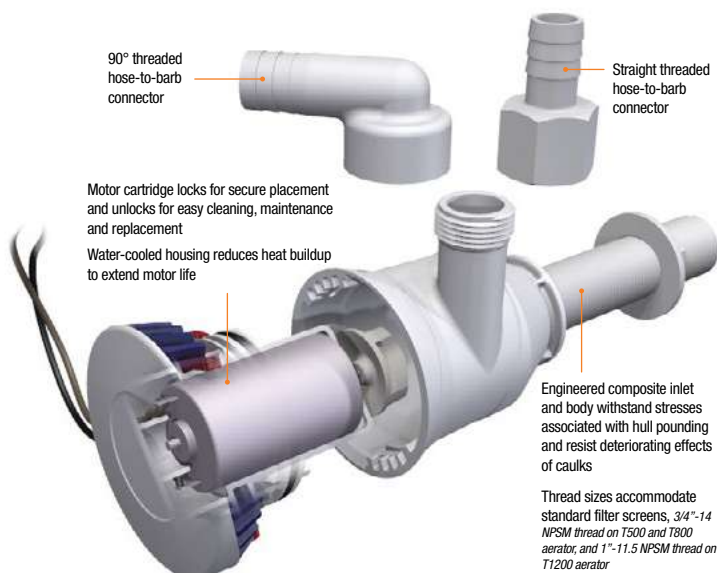Available with barbed or threaded outlets

Depress base tab to unlock filter from housing – ideal for maneuvering in tight spaces and for cleaning filter

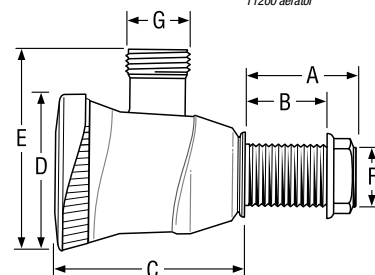Double-filter base resists clogging

Pump Dimensions

Model No.	A	B	C	D	E
T500	2-3/4"	2-7/8"	3-5/8"	3/4" O.D.	3-1/8"
T800	3-1/8"	3-1/4"	4-3/8"	3/4" O.D.	3-1/2"
T1200	3-1/8"	3-1/4"	4-3/8"	1-1/8" O.D.	3-3/4"

Specifications

Model No.	Rated Voltage	GPH Output @ Design Voltage 13.6 VDC					GPH Output @ Nominal Voltage 12.0 VDC					Fuse Size	Hose Size
		Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head		
T500	12	1.8	500	400	250	9 ft.	1.4	450	320	160	8 ft.	3-amp	3/4" O.D.
T800	12	3	800	660	510	13 ft.	2.5	760	550	400	11 ft.	4-amp	3/4" O.D.
	24	1.3	800	660	510	13 ft.	1.1	760	550	400	11 ft.	2-amp	3/4" O.D.
T1200	12	3.5	1200	900	700	11 ft.	3	1100	760	480	9 ft.	5-amp	1-1/8" O.D.
	24	1.5	1200	900	700	11 ft.	1.3	1100	760	480	9 ft.	2-amp	1-1/8" O.D.

4606

Tsunami Bilge Pumps & Accessories
No mounting brackets necessary.

Model No.	Outlet Style	Rated Voltage	Wire/ Connector	Bulk Packaging	Aftermarket Packaging
TSUNAMI BILGE PUMPS					
T500	Barbed - 3/4"	12-volt	29" wire	**4606-1**	**4606-7**
	Threaded - 3/4"∆	12-volt	29" wire	**4606TH1**	—
T800	Barbed - 3/4"	12-volt	29" wire	**4608-1**	**4608-7**
	Threaded - 3/4"∆	12-volt	29" wire	**4608TH1**	—
	Barbed - 3/4"	24-volt	29" wire	**4609-1**	—
T1200	Barbed - 1-1/8"	12-volt	29" wire	**4612-1**	**4612-7**
	Barbed - 1-1/8"	24-volt	29" wire	**4613-1**	—
TSUNAMI REPLACEMENT MOTOR CARTRIDGES					
T500		12-volt	29" wire	—	**4620-6**
T800		12-volt	29" wire	—	**4622-6**
T1200		12-volt	29" wire	—	**4624-6**

4608

4612

∆Threaded outlet permits the use with 90° fittings or Flow-Rite™ connectors.

TSUNAMI
AERATOR PUMPS

With their innovative engineering and compact design, Tsunami pumps deliver high output from a small package. We use the most advanced material available, including the best quality bearings and state-of-the-art brushes, alloys and magnets. Our patented shaft seal prevents leaks caused by misalignment and our caulked and tinned wiring eliminates wicking, prevents water damage and resists corrosion.

3 YEAR WARRANTY

90° threaded hose-to-barb connector

Straight threaded hose-to-barb connector

Motor cartridge locks for secure placement and unlocks for easy cleaning, maintenance and replacement

Water-cooled housing reduces heat buildup to extend motor life

Engineered composite inlet and body withstand stresses associated with hull pounding and resist deteriorating effects of caulks

Thread sizes accommodate standard filter screens, *3/4"-14 NPSM thread on T500 and T800 aerator, and 1"-11.5 NPSM thread on T1200 aerator*

Pump Dimensions

Model	Application	A	B	C	D	E	F	G
T500	Thru-Hull	3-1/2" or 1-1/2"	3" or 1"	3-1/4"	2-7/8"	3-5/8"	3/4-14 NPSM	3/4-14 NPSM
	Seacock	1-1/2"	1"	3-1/4"	2-7/8"	3-5/8"	3/4-14 NPT	3/4-14 NPSM
T800	Thru-Hull	3-1/2" or 1-1/2"	3" or 1"	3-7/8"	3-1/4"	4"	3/4-14 NPSM	3/4-14 NPSM
	Seacock	1-1/2"	1"	3-7/8"	3-1/4"	4"	3/4-14 NPT	3/4-14 NPSM
T1200	Thru-Hull	3-1/2" or 1-1/2"	3" or 1"	4"	3-1/4"	4-7/8"	1-3/8-12 UNF	1-3/8-12 UNF
	Seacock	1-1/2"	1"	4"	3-1/4"	4-7/8"	1-11-1/2 NPT	1-3/8-12 UNF

Specifications

Model No.	Rated Voltage	GPH Output @ Design Voltage 13.6 VDC				GPH Output @ Nominal Voltage 12.0 VDC					Fuse Size	Hose Size
		Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head		

Model No.	Rated Voltage	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	Fuse Size	Hose Size
T500	12	1.8	500	440	260	9 ft.	1.4	450	330	160	8 ft.	3-amp	3/4" O.D.
T800	12	3	800	670	525	9 ft.	2.5	750	555	370	8 ft.	4-amp	3/4" O.D.
T1200	12	3.5	1200	840	570	9 ft.	3	1140	790	450	8 ft.	5-amp	1-1/8"O.D.

Tsunami Aerator Pumps & Accessories
No mounting brackets necessary.

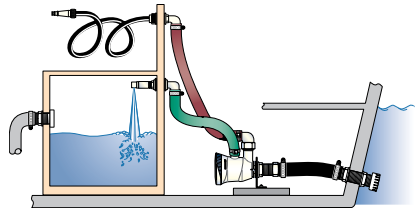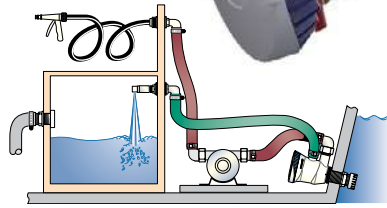| Model No.	Inlet Length & Diameter	Outlet Style & I.D. Diameter	Rated Voltage	Wire/ Connector	Bulk Packaging	Aftermarket Packaging
TSUNAMI AERATOR PUMPS						
T500	3-1/2" L x 3/4"	Threaded - 3/4"	12-volt	29" wire	4640-1	4640-7
	1-1/2" L x 3/4"	Threaded - 3/4"	12-volt	29" wire	4641-1	—
	7/8" L x 3/4"	Threaded - 3/4"	12-volt	29" wire used with 3/4" seacock	4643-1	4643-7
T800	3-1/2" L x 3/4"	Threaded - 3/4"	12-volt	29" wire	4650-1	4650-7
	1-1/2" L x 3/4"	Threaded - 3/4"	12-volt	29" wire	4651-1	—
T1200	3-1/2" L x 1-1/8"	Threaded - 1-1/8"	12-volt	29" wire	4660-1	4660-7
	1-1/2" L x 1-1/8"	Threaded - 1-1/8"	12-volt	29" wire	4661-1	—
	7/8" L x 1"	Threaded - 1-1/8"	12-volt	29" wire used with 1" seacock	4663-1	—
TSUNAMI REPLACEMENT MOTOR CARTRIDGES						
T500			12-volt	29" wire	—	4620-6
T800			12-volt	29" wire	—	4622-6
T1200			12-volt	29" wire	—	4624-6

4640

4650

4660

TSUNAMI
DUAL OUTLET AERATOR PUMPS

The advantage of the dual outlet is that you can feed multiple applications through a single thru-hull fitting. The Tsunami second outlet is integrated into the pressure chamber, so it looks – and pumps – like part of the aerator. Both of the pump's outlets are engineered for the precise position and angle that will deliver optimum performance.
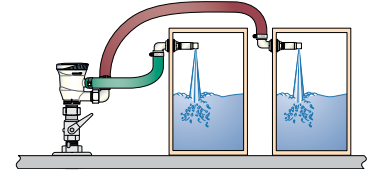
3 YEAR WARRANTY

90° threaded hose-to-barb connector

Straight threaded hose-to-barb connector

Motor cartridge locks for secure placement and unlocks for easy cleaning, maintenance and replacement

Water-cooled housing reduces heat buildup to extend motor life

Thread sizes accommodate standard filter screens, *3/4"-14 NPSM thread on T500 and T800 aerator, and 1"-11.5 NPSM thread on T1200 aerator*

Engineered composite inlet and body withstand stresses associated with hull pounding and resist deteriorating effects of caulks

Applications:

Rinse Hose plus Livewell

High Pressure Washdown plus Livewell

Supply Two Livewells

Pump Dimensions

Part No.	Inlet Length	Inlet Dia.	A	B	C	D	E	F	G	H
4672	3-1/2"	3/4"	3-1/4"	3"	4-1/8"	4-1/4"	4"	3/4-14 NPSM	3/4" Barbed .554" I.D.	3/4-14 NPSM .620" I.D.
4670	3/4"	3/4"	1-1/4"	7/16"	4-1/8"	4-1/4"	4"	3/4-14 NPT	3/4" Barbed .554" I.D.	3/4-14 NPSM .620" I.D.
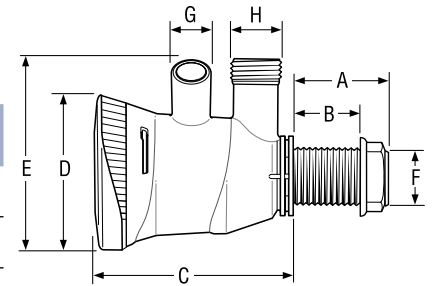
Specifications

		GPH Output @ Design Voltage 13.6 VDC					GPH Output @ Nominal Voltage 12.0 VDC						
				Both Outlets Open						Both Outlets Open			
Oulet	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	0 ft.	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	Max Head	0 ft.	Fuse Size
Upper	3.0	750	600	460	13 ft.	880	2.5	670	500	390	11 ft.	770	4-amp
Lower	3.0	750	620	480	13 ft.	880	2.5	690	550	420	11 ft.	770	4-amp

Tsunami Dual Outlet Aerator Pumps & Accessories
No mounting brackets necessary.

| Model No.	Inlet Length & Diameter	Rated Voltage	Wire/ Connector	Bulk Packaging	Aftermarket Packaging
TSUNAMI DUAL OUTLET AERATOR PUMPS					
T800	3-1/2" L x 3/4"	12-volt	29" wire	**4672-1**	**4672-7**
	7/8" L x 3/4"	12-volt	29" wire, use with 3/4" seacock	**4670-1**	**4670-7**
TSUNAMI REPLACEMENT MOTOR CARTRIDGE					
T800		12-volt	29" wire	—	**4622-6**

4670

S3 SERIES
AUTOMATIC BILGE SWITCHES

Incorporates a proprietary Electronic Sensing technology to detect bilge water levels and trigger pump activation and has been engineered to operate in any bilge water mixture consistently without failure. Your pump won't be exposed to continuous cycling as the S3 switch can easily distinguish splashing bilge water, chemicals, sludge build up or foam, and comes equipped with fully sealed electronics that are completely protected from water or chemical damage. For added convenience, the bilge switch can be mounted on the floor of the bilge, directly to a stringer wall, or alongside the basket of the pump without added components or brackets. The S3 Series switch is also directly compatible with all competitive products and free of moving parts that can jam up, break or wear out over time. Marine ignition protected and RoHS compliant.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Max. Pump Amp Draw	Rated Voltage	Wire	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Switch, White	15A	12-volt	36" wire	4801-1		4801-7	

4801
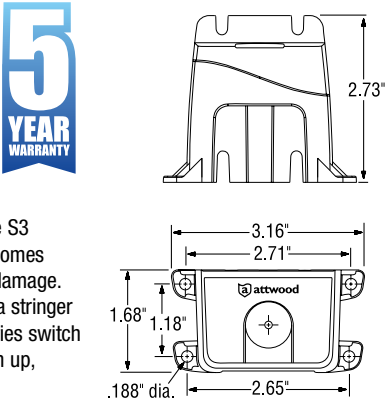
Automatic Float Switches

Converts bilge pumps to fully automatic operation. Maximum amp draw is 12 amps (at 12-volt D.C.) or 6-amps (at 24-volt D.C.). Features a compact, low-profile design that mounts on any surface from horizontal up to a 24° angle. Incorporates a reliable and affordable mechanical switch that actuates pump motor at 2" water level. Wire leads do not flex or hinge with the float as on some competitive models. Integral cover dampens bilge sloshing to reduce pump cycling, and prevents debris interference. Sealed switch mechanism resists moisture, fume-ignition, and electrical shock. Contains no mercury, which is listed as a health hazard and "Persistent Toxic Substance" in over 26 states. Marine ignition protected and RoHS compliant.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Float Switch Cover
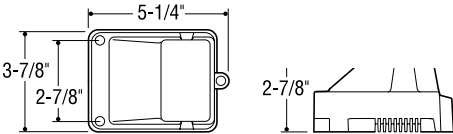
Automatic Float Switch

Test Knob

Float Switch with Cover

Description	Rated Voltage	Wire/Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Float switch with cover	12- and 24-volt CE rated	36" wire	4201-1	*	4201-7	*
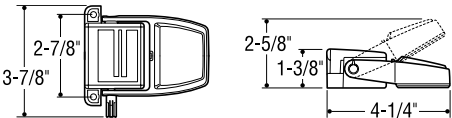
4201

Float Switch

Description	Rated Voltage	Wire/Connector	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Float switch	12- and 24-volt CE rated	36" wire	4202-1	*	4202-7	*

4202

Shower Sump Pump Systems

Attwood's shower sump systems deliver the performance you've been asking for. Choose from standard box or large box sizes. Offering fast water flow into and out of sump. The lid snaps in to allow quick installation (and removal for cleaning) and includes a gasket to seal the sump box against overflow. The sump box even includes an air vent to prevent air locks. Meets or exceeds all applicable standards of the ABYC and USCG.

* ⚠ **WARNING** Cancer and Reproductive Harm

– www.P65Warnings.ca.gov *(see page 240)*

Head Sink

Shower Stall

Galley Sink

Outlet Overboard

Optional Inlet Locations

Outlet Overboard

Specifications

Model	Rated Voltage	Fuse Size	Outlet Hose Size
500 GPH	12-volt	3-amps	3/4" I.D.
750 GPH	12-volt	5-amps	3/4" I.D.
750 GPH	24-volt	2-amps	3/4" I.D.

Output Ratings

		GPH Output @ Design Voltage 13.6 VDC			GPH Output @ Nominal Voltage 12.0 VDC		
Model	Amp Draw	0 ft.	3.3 ft.	6.7 ft.	0 ft.	3.3 ft.	6.7 ft.
500 GPH	1.4	420	360	215	385	290	130
750 GPH	2.5	650	500	385	570	420	290

Performance for 24-Volt version is the same (Uses 2 Amp Fuses)

3/4" dia.

8-1/8"

10-1/2"

(3/4"), (1") dia.

3/4" dia.

4-1/2"

(1-1/8"), (1-1/2") dia.

Standard Box

2-5/16"

7-23/64"

13"

4-7/16"
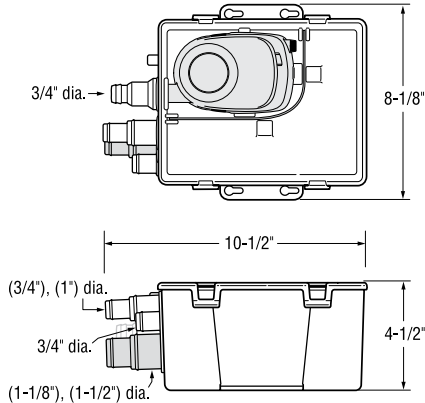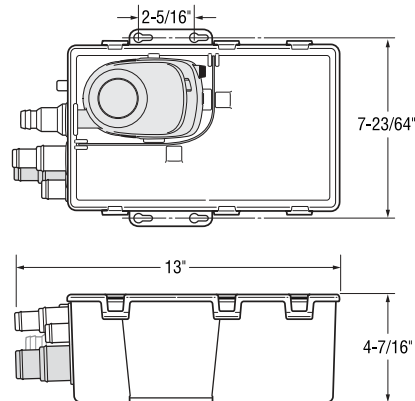
Large Box

4141

4143

| Model No.	Rated Voltage	Wire/ Connector	Box Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
500 GPH	12-volt	22" wire	Standard	**4141-1**	*	4141-4	*
750 GPH	12-volt	22" wire	Standard	**4142-1**	*	—	
750 GPH	12-volt	22" wire	Large	**4143-1**	*	4143-4	*
750 GPH	24-volt	22" wire	Large	**4144-1**	*	—	
750 GPH	24-volt	22 " wire	Standard	**4145-1**	*	—	
Lid	—	—	Standard	**001001668**	*	—	
Lid	—	—	Large	**001001667**	*	—	
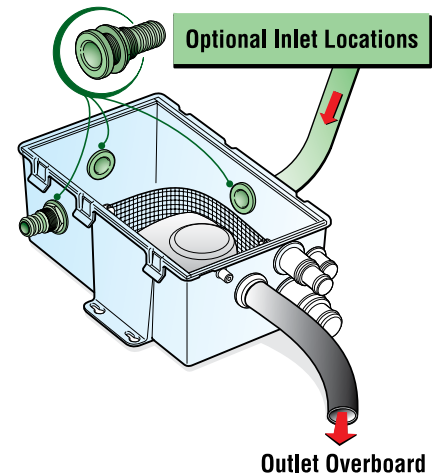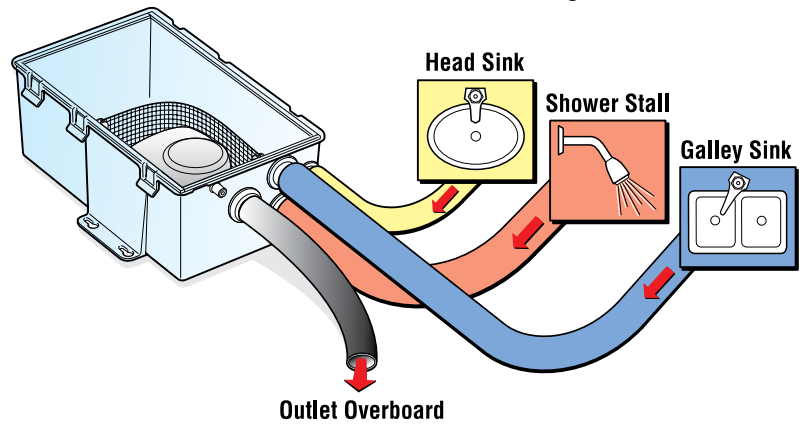
Aft-Deck Shower

Install flush in the transom or under the gunwale. Includes hinged cover and replaceable sprayer head. Fixtures are corrosion-resistant. Housing and cover are made of high-impact, UV resistant, engineering-grade plastic and are pre-drilled for six #8 fasteners. Comes with 6' hose, shut-off, and hot/cold mixing controls. Connects to freshwater system for showering.

* ⚠ **WARNING**   Cancer and Reproductive Harm

 – www.P65Warnings.ca.gov *(see page 240)*

Description	Function	Hose Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aft-Deck	Hot/cold	6'	4131-1	*	4131-4	*
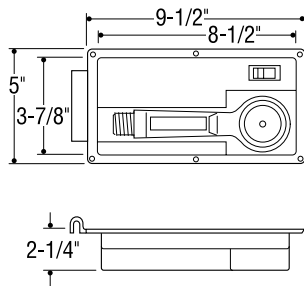
4131

Cold Water Shower

Install flush in the transom or under the gunwale. Includes hinged cover and replaceable sprayer head. Fixtures are corrosion-resistant. Housing and cover are made of high-impact, UV resistant, engineering-grade plastic and are pre-drilled for six #8 fasteners. Hand-held shower sprayer with 6' hose and shut-off. Connects to freshwater system or self-priming wash-down pump for showering after swimming. Built-in on/off switch for pump.

* ⚠ **WARNING**   Cancer and Reproductive Harm

– www.P65Warnings.ca.gov *(see page 240)*

Description	Function	Hose Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Cold Water	On/off switch	6'	4133-1	*	—	
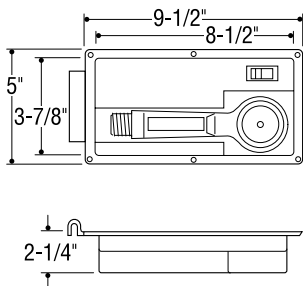
4133

Self-Priming Washdown Pump

Self-priming pump for cleaning boats, general use, or use as a shower pump. Threaded male inlet and outlet for standard garden hose attachment. Pumps 4 gallons per minute, produces up to 8.5 PSI pressure. Corrosion-resistant plastic housing and impeller, heavy-duty 8-amp 12-Volt D.C. motor. Pump is non-submersible. **Note:** Do not run dry.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

| Description	Open Flow GPM	Max Head Pressure	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Self-priming	4	8.5 PSI	—		11574-4	*

11574

Potable Water Pump

This economical, compact pump only delivers drinking water from a water tank to a faucet. Seal allows it to run dry without damage. Made from high-impact plastic. Patented. Inlet and outlet have combination fittings: 3/8" barbs can be removed to accommodate 1/4" NPT fitting. Potable Water Pump is not activated by line pressure. Pump is non-submersible. Note: Mount centrifugal pump so water will flow into the pump.
Caution: Not external ignition protected.

 * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Inlet/Outlet Size	GPH	Max Head	Amp Draw	Fuse Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/8" barb, or convert to 1/4" NPT	150	16'	1.5	2-amp	6126-1	*	6126-7	*
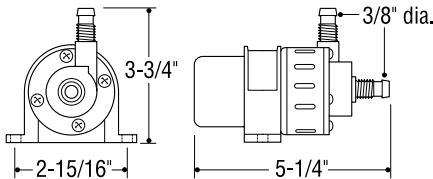
6126

WATERBUSTER®
PORTABLE PUMP

4140

This submersible pump is a great way to remove unwanted water from boats, pool covers, aquariums and sump pits. Convenient and safe because it needs no electrical cord — runs up to five hours on three alkaline "D" batteries. Excellent for use as a portable pump-out device for paddle boats, inflatables, duck boats, dingies or kayaks, any craft that lacks a hard-wire, permanent electrical system.

- 6-3/8" high x 5-1/4"-diameter
- Pumps up to 200 gallons per hour
- Includes 42" hose with garden hose adapter for adding longer hose
- Lifts water to height of 40"
- **Note:** Not to be used as a permanent bilge pump

Description	GPH Open Flow	GPH 2 ft. Head †	Bulk Packaging	Aftermarket Packaging
Portable Pump	200	125	—	4140-4

Hand-Operated Bilge Pumps

Safely remove unwanted water, or other liquids, from kayaks and other small boats.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Kayak Hand Bilge Pump, 18"	—		11595-2	*
Hand Bilge Pump, 24", 32" Hose	—		11596-2	*

11595

11596

† *4 ft. maximum head*

BATTERY & HAND OPERATED PUMPS

Bilge Pump Switches

Panel-mounted rocker switches for use with pump that draws 10-amps or less. 1/4" spade terminals. 6-volt through 32-volt D.C. only, 10-amps maximum. Plate is 2-13/16" x 1-7/8". Hole size is 1-1/2" x 7/8".

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Bilge pump switches are not external ignition protected.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-way on/off	—		7615-3	*
3-way auto/off/manual	—		7615A3	*

7615
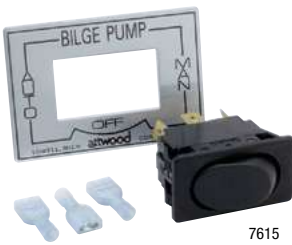
TSUNAMI
RECIRQ AERATOR KIT

The Tsunami Recirq Kit recirculates livewell water to keep it cooler and rich in oxygen. This self-contained system feeds a separate aerator spray head and works even while you are underway and cannot use a thru-hull connection. Add this kit to any tank that already has a freshwater fill system. Or use as a backup pump for a fail-safe system.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Recirq Kit includes:
- (1) 500 GPH Tsunami aerator pump with short inlet, threaded outlet
- (1) 4125-1 aerator spray head
- (1) 4232-1 Stainless Steel strainer
- (2) Plastic hose clamps
- (1) 3/4" diameter x 23" long poly hose
- (1) Straight thread-to-barb connector
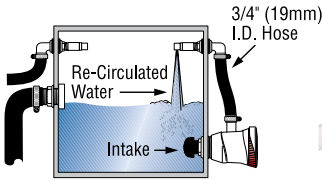
Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
T-500 Recirq Livewell Aerator Kit	—		4253-7	*

4253

Bilge Pump Installation Kits

Complete kit to install manual bilge pump with 3/4" I.D. hose outlet.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- (1) 2-way on/off switch with bezel plate
- (1) 3/4" I.D. x 5' corrugated hose
- (1) Thru-hull fitting for 3/4" I.D. hose
- (2) Snap-It hose clamps
- (1) 2-conductor 16-gauge wire, 20' long
- (1) In-line fuse holder with 2-amp fuse

Caution: Bilge pump switches are not external ignition protected.

4116

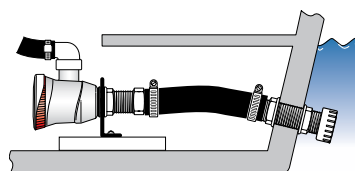| Description	Hose Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Complete kit (without pump)	3/4" I.D.	—		4116-5	*
Complete kit with Tsunami T-500 bilge pump	3/4" I.D.	—		4614-7	*
6' hose with (2) clamps	3/4" I.D.	—		4199-7	
6' hose only	1-1/8" I.D.	—		11551-5	*

4614

Aerator Remote Mounting Brackets

For mounting the aerator pump to a base, away from the transom.

* ⚠ **WARNING**   Cancer and Reproductive Harm

– www.P65Warnings.ca.gov *(see page 240)*

4121
4122

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1-1/8" Aerator remote mounting bracket	4121-1	*	4121-3	*
3/4" Aerator remote mounting bracket	4122-1	*	4122-3	*

Aerator Spray Heads

For use on livewells that have built-in overflows or recirculating systems.

Adjustable Spray Heads - Mounts on sides of tank. 90° fitting for installation in tight spaces. Rotating head with O-ring adjusts and maintains flow setting. Removable head has an "interference-fit thread design" that will not allow it to vibrate or blow out. Polypropylene construction. Can be installed on tanks with up to 5/8" wall thickness.

Non-Adjustable Spray Heads - Multi-port spray maximizes oxygen level in the livewell. Constructed of ABS plastic. **Double Valve Spray Head -** Allows aerating options – one end can be used for freshwater fill, the other end with a recirculating pump. **Single Valve Spray Head -** For output from an aerator pump into the livewell.

* ⚠ **WARNING**   Cancer and Reproductive Harm

– www.P65Warnings.ca.gov *(see page 240)*

4125
4123
4118A

Description	Hose I.D.	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
ADJUSTABLE SPRAY HEADS					
Aerator spray head	3/4"	4125-1	*	4125-7	*
Aerator spray head w/male connector for Flow-Rite™ Qwik-Lok™ Coupler 3	3/4"	4123-1	*	—	
NON-ADJUSTABLE SPRAY HEADS					
Aerator spray head, single valve	3/4"	4118A1	*	4118A5	*

Check Tees

These check tees replace additional connections for RV and marine hookups, providing a combination check valve and tee that allows water to flow in from the dockside connection without filling the tank. Constructed of ABS plastic.

Combination Barbed Fitting - Inlet and outlet both have combination fittings: Comes with 3/8" barbs that can be removed to accommodate 1/4" NPT fitting. 1/2" NPT fitting for dockside water connection.

Combination Barbed Inlet/Threaded Outlet - Inlet has combination fitting: Comes with 3/8" barbs that can be removed to accommodate 1/4" NPT fitting. Outlet is 1/2" NPSM. 1/2" NPT fitting for dockside water connection.

* ⚠ **WARNING**   Cancer and Reproductive Harm

– www.P65Warnings.ca.gov *(see page 240)*

6115
6115A

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Combination barbed fitting	6115-1	*	—	
Combination barbed inlet/threaded outlet	6115A1	*	—	

Snap-It Hose Clamps

Use on bilge pumps and shower sump systems. Corrosion-resistant plastic.

Note: Clamps are intended for water and waste system hoses only.

Description	Hose O.D.	Hose I.D.	Bulk Packaging	Aftermarket Packaging
Snap-It Hose Clamp	7/8" to 1"	3/4"	9185J1	—

9185

Tees

Three-way 90° fitting. Acetal construction.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Hose I.D.	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Tee	3/4"	3892-1	*	—	
Tee	1-1/8" to 1-1/4"	3893-1	*	—	

3892

Straight Connectors

Threaded end fits 3888 drain fitting, A-Series aerator pump outlets and Tsunami threaded outlets. Acetal construction.

3899: Barbed end accommodates 3/4" I.D. hose.

3909: Male end accommodates Flow-Rite™ Qwik-Lok™ Coupler.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

3899

3909

3902

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Thread-to-Barb 3/4"-14 NPSM and 3/4" I.D. hose fitting. For use with 500-800 GPH pumps	3899-1		3899-3	
Thread-to-Flow-Rite™ Qwik-Lok™ Connector fitting. For use with 500-800 GPH pumps	3909-1		—	
Thread-to-Barb Straight 1-3/8" - 12 UNF thread & 1-1/8" hose fitting For use with 1200 GPH pumps	3902-1	*	3902-3	*

90° Connectors

3890: Threaded female end fits 3888 drain fitting or A-Series aerator pump outlets and Tsunami threaded outlets. Barbed end accommodates 3/4" I.D. hose. Acetal construction.

3900: Threaded end fits A-Series aerator pump outlets and Tsunami threaded outlets. Male end accommodates Flow-Rite™ Qwik-Lok™ Coupler.

3891: Threaded end fits 3889 drain fitting. High-impact plastic. Barbed end accommodates 1-1/8" or 1-1/4" I.D. hose. Acetal construction.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

3890

3900

3891

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For 3/4"-14 threads and 3/4" I.D. hose. For use with 500-800 GPH pumps	3890-1	*	3890-3	*
Thread-to-Flow-Rite™ Qwik-Lok™ Connector. For use with 500-800 GPH pumps	3900-1	*	—	
For 1-3/8"-12 threads and 1-1/8" or 1-1/4" I.D. hose. For use with 1200 GPH pumps	3891-1	*	—	

STAINLESS STEEL
THRU-HULLS & SCUPPER VALVE FITTINGS

Polish your image with these beautiful, durable stainless steel fittings. Each Thru-Hull and Scupper Valve is available with a new silicone gasket and are backed by Attwood's trusted Lifetime Warranty! Why specify plastic parts when these fittings will last the life of the boat?

Rugged Stainless Construction
- Cast from certified Enhanced 316 Stainless Steel alloy for strength and lifetime corrosion-resistance
- We polish all visible areas to a mirror finish, then passivate each part for additional protection
- Thick steel sidewalls withstand continual stress and hose flexing

Faster, Simpler Installation
- A channel under the flange holds a bead of sealant, making it easier to apply a trouble-free seal
- All models have wrench flats or an end notch to hold as a gripping surface. One installer can tighten all connections from inside the hull
- Barbed tail ends provide plenty of room to hold multiple clamps

Stainless Steel Straight Thru-Hulls, Barbed

- Standard Thread model has full-length thread for thick hulls and easy tightening
- Short Thread is a more compact size. Allows installation near corners and in confined areas.

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.

Short Length   **Standard Length**
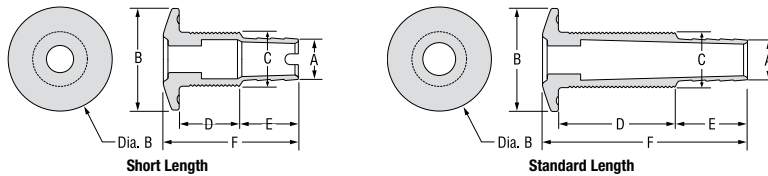
A Hose Size	B Flange Dia.	C Thread O.D.	D Thread Length	E Barb Length	F Total Length	Install. Hole Saw Size	Thread NPSM	Max Hull Thick.	Bulk without Gasket	Aftermarket Packaging
SHORT LENGTH										
5/8" I.D.	1-7/8"	1"	1"	1"	2-1/4"	1-1/8"	3/4"	5/8"	66540-1	66540-3
3/4" I.D.	1-7/8"	1"	1"	1"	2-1/2"	1-1/8"	3/4"	5/8"	66541-1	66541-3
1" I.D.	2-1/4"	1-3/8"	1-1/8"	1"	2-1/2"	1-1/2"	1"	5/8"	66542-1	66542-3
1-1/8" I.D.	2-1/4"	1-3/8"	1-1/4"	1"	2-1/2"	1-1/2"	1"	5/8"	66543-1	66543-3
1-1/4" I.D.	2-1/4"	1-5/8"	1-1/4"	1"	2-5/8"	1-3/4"	1-1/4"	5/8"	66544-1	66544-3
1-1/2" I.D.	3"	1-7/8"	1-1/4"	1-1/2"	3-1/8"	2"	1-1/2"	5/8"	66545-1	66545-3
STANDARD LENGTH										
5/8" I.D.	1-7/8"	1"	2"	1-1/4"	3-3/4"	1-1/8"	3/4"	1-1/16"	66546-1	66546-3
3/4" I.D.	1-7/8"	1"	2"	1-1/4"	3-3/4"	1-1/8"	3/4"	1-5/8"	66547-1	66547-3
1" I.D.	2-1/4"	1-3/8"	2-1/4"	1-1/4"	3-7/8"	1-1/2"	1"	1-3/4"	66548-1	66548-3
1-1/8" I.D.	2-1/4"	1-3/8"	2-3/8"	1-1/4"	3-7/8"	1-1/4"	1"	1-3/4"	66549-1	66549-3
1-1/4" I.D.	2-1/4"	1-5/8"	2-1/2"	1-1/4"	4-1/4"	1-3/4"	1-1/4"	1-7/8"	66550-1	66550-3
1-1/2" I.D.	3"	1-7/8"	2-1/2"	1-1/4"	4-1/8"	2"	1-1/2"	1-7/8"	66551-1	66551-3
2" I.D.	3"	2-3/8"	2-1/2"	1-3/4"	4-5/8"	2-1/2"	1-1/2"	2"	66552-1	—

66540G

66542

66546G

66548

Stainless Steel Straight Thru-Hulls, Threaded

- Unique multi-thread design with NPSM and NPT threads
- Offer generous thread length
- Allows for direct connection to seacocks or pipes
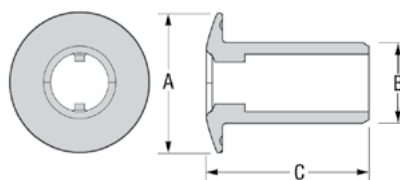
Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.

66559

66558G

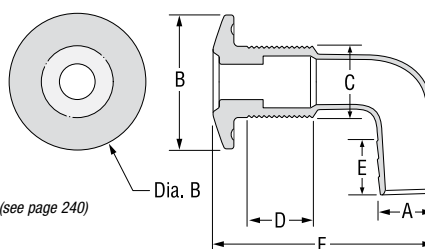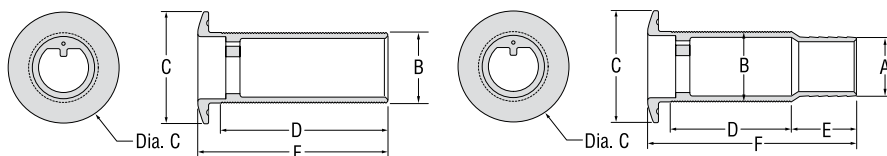| A Flange Dia.	B Thread O.D.	C Total Length	Installation Hole Saw Size	Threads NPSM	Max Hull Thickness	Bulk without Gasket	Aftermarket Packaging
1-7/8"	2-1/8"	2-1/2"	1-1/8"	3/4"	1-5/8"	**66559-1**	—
2-1/4"	2-1/4"	2-5/8"	1-3/8"	1"	1-3/4"	**66561-1**	—
3"	2-3/8"	2-3/4"	2"	1-1/2"	1-7/8"	**66563-1**	—

Stainless Steel 90° Thru-Hulls, Barbed

Allows installation in especially tight spaces.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.

66577

A Hose Size	B Flange Dia.	C Thread O.D.	D Thread Length	E Barb Length	F Total Length	Install. Hole Saw Size	Thread NPSM	Max Hull Thick.	Bulk without Gasket	Prop 65	Aftermarket Packaging
3/4" I.D.	1-7/8"	1"	1-1/2"	3/4"	3-3/8"	1-1/4"	3/4"	1-1/16"	**66577-1**		—
1-1/8" I.D.	2-1/4"	1-3/8"	1-7/8"	3/4"	4-3/8"	1-5/8"	1"	1-1/4"	**66579-1**		—

Stainless Steel Scupper Valves

- The Scupper Flap is tough neoprene rubber with a molded V that fits into the grooved body to reduce backwash
- Fasteners are concealed and corrosion-proof
- Enhanced 316 Stainless Steel Alloy

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Stainless Steel Scupper Valves are designed for installation above the water line only.

66565

66557G

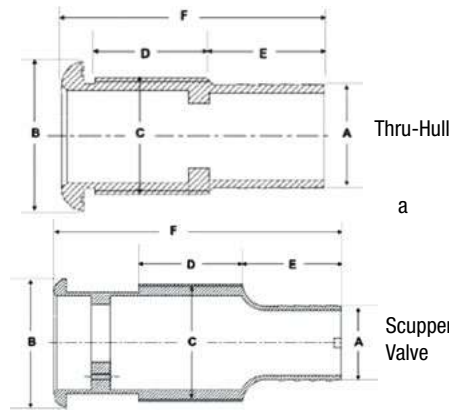| A Hose Size	B Thread Dia.	C Flange O.D.	D Thread Length	E Barb Length	F Total Length	Install. Hole Saw Size	Thread NPSM	Max Hull Thick.	Bulk without Gasket	Prop 65	Aftermarket Packaging	Prop 65
THREADED												
—	1-7/8"	3"	3-1/2"	—	3-7/8"	2"	1-1/2"	3"	**66565-1**	*	—	
—	2-23/64"	3-5/8"	2-1/2"	—	2-7/8"	2-1/2"	2"	2"	**66567-1**	*	—	
BARBED												
1-1/2"	1-7/8"	3"	3-1/2"	1-1/2"	5-1/2"	2"	1-1/2"	3"	**66553-1**	*	**66553-3**	*
2"	2-23/64"	3-5/8"	2-1/2"	1-5/16"	4-1/2"	2-1/2"	2"	2"	**66555-1**	*	—	
1-1/2"	3"	1-7/8"	2-1/4"	1-1/2"	4-1/2"	2"	1-1/2"	1-3/4"	**66557-1**	*	—	
VALVE ACCESSORIES									**BULK**			
Replacement Flappers for 1-1/2"									**66553Kit**	*	—	
Replacement Flappers for 2"									**66555Kit**	*	—	

Stainless Steel Narrow Flange Thru-Hulls

- Consistent exterior appearance throughout range of barb sizes
- Modern styling
- Enhanced 316 Stainless Steel Alloy

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.

* ⚠ **WARNING** Cancer and ReproductiveHarm-www.P65Warnings.ca.gov *(see page 240)*

Thru-Hull

a

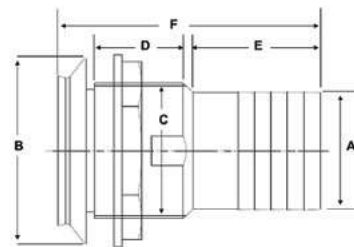Scupper Valve

67555

67556

67551

67553

A Hose Size	B Flange Dia.	C Thread O.D.	D Thread Length	E Barb Length	F Total Length	Install. Hole Saw Size	Thread NPSM	Max Hull Thick.	Bulk without Gasket	Prop 65	Aftermarket Packaging
THRU-HULLS, STANDARD LENGTH											
5/8" I.D.	1-7/10"	1-3/10"	1-2/5"	1-1/8"	3"	1-5/16"	1"	7/8"	**67555-1**		—
3/4" I.D.	1-7/10"	1-3/10"	1-3/10"	1-1/4"	3"	1-5/16"	1"	3/4"	**67554-1**		—
1" I.D.	1-7/10"	1-3/10"	1-2/5"	1-1/8"	3"	1-5/16"	1"	7/8"	**67556-1**		—
1-1/8" I.D.	1-7/10"	1-3/10"	1-1/4"	1-1/8"	2-7/8"	1-5/16"	1"	3/4"	**67557-1**		—
1-1/2" I.D.	2-2/5"	1-7/8"	1-1/2"	1-3/5"	3-2/5"	2"	1-1/2"	1"	**67551-1**		—
2" I.D.	3.13"	2-3/8"	2.93"	2.04"	6.09"	2-7/16"	2"	2.70"	**67552-1**	*	—
THRU-HULLS, LONG LENGTH											
3/4" I.D.	1-7/10"	1-3/10"	1-1/2"	1-1/8"	4-1/4"	1-5/16"	1"	—	**67558-1**		—
1-1/8" I.D.	1-7/10"	1-3/10"	1-1/2"	1-1/8"	4-1/4"	1-5/16"	1"	—	**67561-1**		—
1-1/2" I.D.	2-2/5"	1-7/8"	1-1/2"	1-7/16"	4-15/16"	2"	1-1/2"	—	**67562-1**		—
SCUPPER VALVE											
1-1/2" I.D.	2-3/5"	1-7/8"	2"	2"	5-3/4"	2-1/8"	1-1/2"	2-3/4"	**67553-1**	*	—

Stainless Steel Exhaust Thru-Hulls

- Specifically designed for generator and engine exhaust applications
- Features unique, modern styling that is both elegant and functional
- Stainless steel scupper valve and an integrated stainless drip ring
- Enhanced 316 Stainless Steel Alloy

Caution: Stainless Thru-Hull Connectors are designed for installation above the water line only.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

67581

67582

A Hose Size	B Flange Dia.	C Thread O.D.	D Thread Length	E Barb Length	F Total Length	Install. Hole Saw Size	Thread NPSM	Max Hull Thick.	Bulk without Gasket	Prop 65	Aftermarket Packaging
1-1/2" I.D.	3.18"	2.26"	1.6"	1.97"	4.58"	2.375"	2" – 11-3/4	1.125"	**67581-1**	*	—
2" I.D.	3.18"	2.26"	1.6"	2.23"	4.58"	2.375"	2" – 11-3/4	1.125"	**67580-1**	*	—
2-1/2" I.D.	4.60"	3.375"	1.8"	2.75"	5.8"	3.625"	3" – 8	1.5"	**67583-1**	*	—
3" I.D.	4.60"	3.375"	1.8"	3"	5.8"	3.625"	3" – 8	1.5"	**67582-1**	*	—

STAINLESS STEEL
CAPPED COMPOSITE
THRU-HULLS

Designed for the value conscious customer, these fittings provide the look of a Stainless Steel thru-hull at a fraction of the cost

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Corrosion Resistance
Manufactured with high quality stainless steel caps and engineered composite bodies, these thru-hulls are designed to resist degradation as a result of chemical and saltwater exposure.

Consistent Look
To create a uniform look, Attwood has designed its 5/8" thru 1-1/2" barbed thru-hulls with a common exterior surface.

Improved Installation
Always keeping the builder in mind, each fitting incorporates several different types of assembly features that allow for "single operator" installation.

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.

Straight

90°
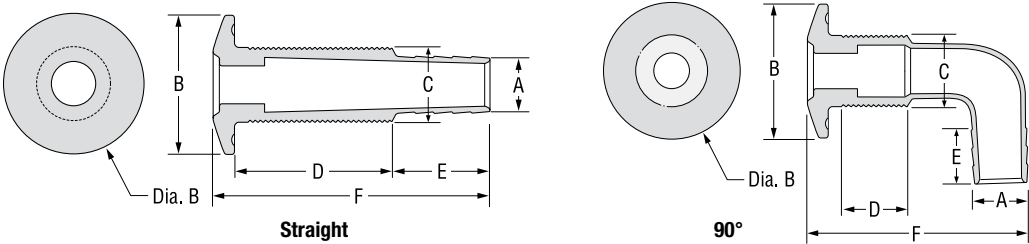
A Hose Size	B Flange Dia.	C Thread O.D.	D Thread Length	E Barb Length	F Total Length	Installation Hole Saw Size	Max Hull Thickness	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
THRU-HULLS, STRAIGHT											
5/8" I.D.	1-7/8"	1.27"	1.54"	1"	3.39"	1-3/8"	1.30"	68555-1	*	—	
3/4" I.D.	1-7/8"	1.27"	1.54"	1"	3.36"	1-5/16"	1.30"	68554-1	*	—	
1" I.D.	1-7/8"	1.27"	1.54"	1"	3.39"	1-5/16"	1.30"	68556-1	*	—	
1-1/8" I.D.	1-7/8"	1.27"	1.54"	1.3"	3.36"	1-5/16"	1.30"	68557-1	*	—	
1-1/2" I.D.	2-3/8"	1.5"	1.54"	1.6"	3"	1-1/2"	1.40"	68551-1	*	—	
THRU-HULLS, 90º											
5/8" I.D.	1-7/8"	1.27"	1.54"	0.875"	3.48"	1-5/16"	1.30"	68576-1	*	—	
3/4" I.D.	1-7/8"	1.27"	1.54"	1"	3.48"	1-5/16"	1.30"	68577-1	*	—	
1" I.D.	1-7/8"	1.27"	1.54"	1.125"	3.75"	1-5/16"	1.30"	68578-1	*	—	
1-1/8" I.D.	1-7/8"	1.27"	1.54"	1.5"	3.75"	1-5/16"	1.30"	68579-1	*	—	
1-1/2" I.D.	2-3/8"	1.5"	1.54"	1.5"	4.45"	1-1/2"	1.30"	68581-1	*	—	

68555

68557

68576

Thru-Hulls

Made of thermoplastic resins.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

Fits Hose Size	Stem Length	Max Hull Thickness	Flange Diameter	Installation Hole Saw Size	Construction	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
5/8" I.D.	3-1/4"	1-1/4"	1-3/4"	1-1/8"	Polypropylene	White	3872-1		3872-3	
Accommodates 7534A (5/8") bailer plug						Black	3872A1		—	
3/4" I.D.	3-1/4"	1-1/4"	1-3/4"	1-1/8"	Polypropylene	White	3873-1		3873-3	
Accommodates 7534A (5/8") bailer plug						Black	3873A1		—	
3/4" I.D.	4"	2"	2"	1-1/16" to 1-1/8"	Acetal	White	3896-1	*	3896-3	*
1-1/8" to 1-1/4" I.D.	3-1/4"	1-1/4"	2-1/4"	1-3/8"	Polypropylene	White	3874-1		3874-3	
Accommodates 7535A (7/8") bailer plug						Black	3874A1		—	
1-1/2" I.D.	3-1/2"	1-1/4"	3"	1-7/8" to 2"	Polypropylene	White	3875-1	*	3875-3	*
Accommodates 7535A (7/8") bailer plug						Black	3875A1	*	—	
2" I.D.	3-1/2"	1-1/4"	3"	1-7/8" to 2"	Polypropylene	White	3845-1	*	—	

3872
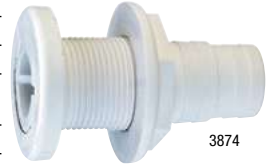
3874

3875

Thru-Transom
Thru-Hull Connector

For installation through the transom. Ideal for overflow use in livewell installations. Can be used with the 3876 Scupper Valve in self-bailing applications, or as an exhaust port for a bilge pump. Polypropylene construction.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

Fits Hose Size	Stem Length	Max Hull Thickness	Flange Diameter	Installation Hole Saw Size	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1-1/2" I.D.	5-1/2"	3-1/8"	2-3/4"	2"	White	3875B1	*	—	

3875B

Double Ended
Thru-Hull Connector

Double-Ended Thru-Hull provides watertight transition through bulkheads or tanks. 5" overall length. Polypropylene construction.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

Fits Hose Size	Max Hull Thickness	Installation Hole Saw Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/4" I.D.	1-1/8"	1-1/8"	3878-1	*	3878-3	*

3878

90° Thru-Hull Connectors

90° Thru-Hulls are ideal for tight installations, such as livewell overflow drains. Design eliminates hose kinking. Polypropylene construction.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

Fits Hose Size	Max Hull Thickness	Flange Diameter	Installation Hole Saw Size	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/4" I.D.	1"	1-1/2"	1"	White	3877-1		3877-3	
Accommodates 7533A (1/2") bailer plug				Black	3880-1	*	—	
1-1/8" to 1-1/4" I.D.	1-7/8"	2-7/16"	1-5/16"	White	3879-1		3879-3	
Accommodates 7535A (7/8") bailer plug				Black	3870-1	*	—	

3877

3879

Scupper Valve

Provides a water exit for boats with self-bailing cockpits. Acetal construction. Accommodates 3875B thru-transom thru-hull connector (screw holes must be drilled for installation.) Diameter: 2-7/8". Use as a replacement valve for 3881 Thru-Transom Scupper.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

3876

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Valve	3876-1	*	3876-3	*

Thru-Transom with Scupper

The rubber flapper opens to drain water out and closes to prevent backwash. Acetal construction. For 1-1/2" I.D. hose.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

3881

Description	Dimensions	Max Hull Thickness	Installation Hole Saw Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Thru-transom with scupper	6-1/4" L x 2-7/8" dia.	3-1/8"	2"	3881-1	*	—	
Service Part Kit: Includes outer ring, rubber flapper, four SS screws				3881Kit-1	*	—	

Thru-Hull with Strainer

Thru-hull connector with strainer prevents clogging of the aerator pump. Strainer attaches to threads that extend beyond external retaining nut. Acetal construction.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Do not use strainer as a thru-hull connector nut replacement.

3886

Description	Hose Size	Max Hull Thickness	Installation Hole Saw Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Thru-hull with strainer	3/4" I.D.	1-7/16"	1-1/16" to 1-1/8"	3886-1	*	3886-3	*

Mesh Strainer/ Drain Filter

Durable strainers to prevent debris from clogging baitwell drains and aerator pumps. Two types of construction: formed stainless steel wire mesh molded into black PVC plastic base or acetal plastic.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Aerator pump must be secured with aerator attachment nut prior to installing strainer.

11524

3885

Description	Thread	Application	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel mesh	7/8"- 9 UNC2-B	Fits 3877-1 thru-hull	11524-1	*	11524-3	*
	3/4"-14 NPSM	Fits 3/4" aerator inlet and 3886-1 thru-hull	4232-1	*	4232-7	*
Molded plastic	3/4"-14 NPSM	Fits aerator inlet and 3886-1 thru-hull	3885-1	*	3885-3	*

Cockpit Drains

For use with 1-1/2" I.D. hose as part of a self-bailing cockpit system. Features short stem and narrow flange for installing through cockpits. Polypropylene construction.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Stem Length	Max Hull Thickness	Flange Diameter	Installation Hole Saw Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Drain	3-3/4"	1-1/2"	2-1/8"	1-7/8"	3875C1	*	—	
Drain with screen	4-3/32"	1-7/32"	2-1/8"	1-7/8"	3882-1	*	—	

3875C1   3882

Drain Fittings

These drain fittings can be used with a hose connector to create a drain. Use 3888 with 3899 or 3890 threaded/hose-to-barb connector. Use 3889 with 3891 threaded/hose-to-barb connector. Acetal construction.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions	Max Hull Thickness	Installation Hole Saw Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/4" diameter	1-1/2"	1-1/8"	1-1/16" to 1-1/8"	3888-1	*	—	
1-1/8" diameter	1-1/2"	1-1/16"	1-7/16" to 1-1/2"	3889-1	*	—	

3889

Drain Cover

Polished stainless steel drain cover can be used for floor drains, vents, or hidden horn openings.
Four holes for #6 fasteners.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel, 3-1/4" dia.	66308-1	*	66308-3	*

66308

Drain Plug and Receiver Kit

Molded black plastic with threaded receiver. Molded retaining strap. Includes attaching screws and elastomeric gasket for a watertight fit.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/4" dia. one piece plug	17209-1	*	17211-3	*

17209

Garboard Drain Plugs

Provides bilge drainage when hauling out. Nut removes with wrench or pliers. Machined, tapered pipe threads ensure watertight plug fit. 3/8" neck depth. Three countersunk holes for #8 fasteners.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Construction	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1/2" NPT drain	Cast bronze	7555-1	*	7555-3	*
Replacement plugs, Pair	Brass	9842-1	*	9842-3	*
Replacement plugs, 24 Pair	Brass	—		9842PD1	*
Replacement plugs, 12 Pair (Saltwater Use)	Stainless Steel	—		9844PD2	

7555

Stainless Steel Garboard Drain Plugs

Threaded removable plug. Retention system keeps plug from getting lost. Large 7/8" (27mm) hole for servicing stern drives. High polished #316 stainless steel reduces corrosion.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Construction	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
7/8" diameter	Stainless Steel	7557-1	*	7557-7	*
7/8" diameter	Stainless Steel with Gasket	7557G1	*	—	

7557

T-Handle Drain Plugs

For 1" diameter drains. A clockwise turn of the T-handle expands the plug to lock in place; turn counterclockwise to release. Available in brass or stainless steel, with or without chain.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
BRASS HANDLE				
Without chain	7526A1	*	7526A7	*
100 units (w/o chain) in battery box display One UPC sheet for use with all 100 units	—		7526D1	*
12 units (w/o chain) in PDQ display carton	7526PD1	*	7526D2	*
BRASS PLATED HANDLE				
Without chain	—		11592-3	*
STAINLESS STEEL HANDLE				
Without chain	—		7518A3	
12 units (w/o chain) in PDQ display carton	7518PD2		7518PD2	

7526

7518A3

7526PD2

Snap-Handle Drain Plugs

Snap-handle drain plugs for 1" diameter drains. A clockwise turn of the handle tightens the plug in its tube, and the handle flips down to lock. Available in brass or stainless steel, with or without chain.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
BRASS HANDLE				
Without chain	7524A1	*	7524A7	*
With 5" chain	7524B1	*	—	
75 units (w/o chain), battery box display, one UPC sheet for use with all 75 units	—		7524D1	*
12 units (w/o chain) in PDQ display carton	7524PD2	*	7524PD2	*
BRASS PLATED HANDLE				
Without chain	—		11591-3	*
24 units (w/o chain) in PDQ display carton	—		11586-4	*
STAINLESS STEEL HANDLE				
Without chain	7520A1	*	7520A3	*
12 units (w/o chain) in PDQ display carton	—		7520PD2	

7524

7520A3

7524PD2

Livewell/Bailer Drain Plugs

Cam-action neoprene plugs snap shut to form stopper for livewells / baitwells. Clockwise turn of the handle tightens plug, lever flips down to lock. Ideal for livewell drains. Brass snaps and plates. **Note:** Not for use with chemicals or fuels.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For 7/16" I.D. thru-hull	—		7532A3	*
For 1/2" I.D. thru-hull	7533A1	*	7533A7	*
12 units for 1/2" thru-hull in PDQ display carton	7533PD2	*	7533PD2	*
For 5/8" I.D. thru-hull	7534A1	*	7534A3	*

7533

7533PD2

Drain Tubes

Drain tubes for 1" diameter drain plugs. Use aluminum drain tubes with aluminum-handle drain plugs; use brass tubes with brass-handle plugs and stainless steel plug handles. Tubes have .032" wall thickness.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Brass Drain Tube	1-7/8"	7566AR1	*	—	
	2-3/8"	7566BG1	*	—	
	3"	11446-1	*	—	

7566BG

TURBO
IN-LINE BLOWERS

The first vane axial-flow fan bilge blowers designed using aerospace technology to maximize performance. No other bilge blowers in the industry provide such powerful system output at such low power input in a compact size.

- Patented in-line design – provides ventilation for engine compartments, galleys, bilges, and heads
- System airflow exceeds old-style in-line blowers by as much as 25%
- Draws up to 40% fewer amps, making our Turbo blowers up to four times more efficient than competitive blowers
- Marine ignition protected

Stiffening ribs reduce housing distortion

Nickel-plated motor can for greater corrosion resistance

Tabs on intake and exhaust hold ventilation hose/clamp firmly in place

Motor cap seals wires and motor for better water resistance

Caulked and tinned wires for improved corrosion resistance

Low amp draw motor for longer blower and battery life

Five-blade fan maximizes airflow and efficiency

Blade sweep and pitch are engineered for a high lift coefficient, increasing airflow speed

Built-in mounting feet allow easy vertical or horizontal installation

Pump Dimensions

Model No.	A	B	C	D
Turbo 3000	3-5/8"	4-1/2"	5-1/16"	3"
Turbo 4000	4-17/32"	5-1/2"	6-1/16"	4"

5-1/32"
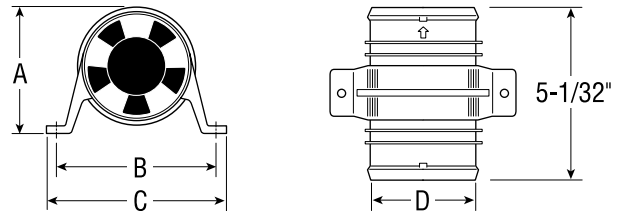
Specifications

Model No.	Rated Voltage	CFM Open Flow	CFM In System*	Current Draw Amps	Fuse Size
Turbo 3000	12-volt nominal	120	90	2.6	4-amp
	13.6-volt design	145	100	3.1	4-amp
Turbo 4000	12-volt nominal	200	100	2.5	5-amp
	13.6-volt design	230	125	2.9	5-amp
	24-volt nominal	200	100	1.5	3-amp
	27.2-volt design	230	125	2.0	3-amp

Turbo 3000 Series

For 3" I.D. ventilation hose. Install with #10 fasteners. Individual carton includes 2 tie straps.

* ⚠ WARNING   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Model No.	Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Turbo 3000	Standard, 12-volt, White, 1-year Warranty	1731-1	*	1731-4	*
	Water-resistant, 12-volt, White, 3-year Warranty	1733-1	*	1733-4	*

1731

Turbo 4000 Series II

Our 4000 Series II blower system matches air flow of existing in-line blowers at a significantly reduced noise level. For added durability, Attwood incorporates an engineered plastic housing that resists deformation during installation and prevents blade to housing interference. For 4" I.D. ventilation hose. Install with #10 fasteners. Individual carton includes two tie straps.

* ⚠ WARNING   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Model No.	Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Turbo 4000	Standard, 12-volt, White, 1-year Warranty	1747-1	*	1747-4	*
	Water-resistant, 12-volt, White, 3-year Warranty	1749-1	*	1749-4	*
	Water-resistant, 24-volt, White, 3-year Warranty	1751-1	*	—	

1747

Note- *In system = 3 ft. of duct with one 90° bend, a collector box and louvered vent on discharge side of blower at 13.6 VDC*

MAXIMUM EFFICIENCY BLOWERS

VENTS
& COLLECTOR BOXES

Attwood hull-mounted vents are designed to install by fastening as a complete unit from either inside or outside the hull. Ventilation hose (not included) twists into the bottom of the box to form a raised water barrier. Plastic vents are corrosion-resistant and will not discolor. All collector boxes and vents are designed for intake or exhaust and meet ABYC H-2 cross sectional area requirements.

Stainless Steel Louvered Vent

All-welded #304 Stainless Steel construction with polished finish. Install with #8 fasteners. Requires collector box 1487A for 3" system, or 1487B for 4" system.
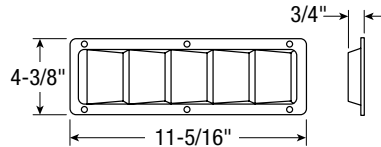
* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

3/4"

4-3/8"

11-5/16"

1488

For use with Collector Box(es)	Dimensions	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1487A, 1487B	3-1/4" x 10-3/8"	**1488-1**	*	**1488-5**	*

Collector Boxes

Collector boxes for use with 1488 stainless steel vent. Available with cut-out for two 3" I.D. wire-supported hoses or one 4" I.D. wire-supported hose. Corrosion-resistant plastic.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

1487A

Description	Depth	Installation Hole Saw Size	For Use with Vent(s)	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For two 3" I.D. hoses	5-9/16"	3-5/8" x 10-3/4"	1488	**1487A1**	*	—	

Narrow Stainless Steel Louvered Vents

Suitable for installation on any flat or most contoured hulls. Constructed of all-welded #304 Stainless Steel with a polished finish. Vents for use with 3" I.D. ventilation systems, and require a 1343 collector box. Install with #6 fasteners.
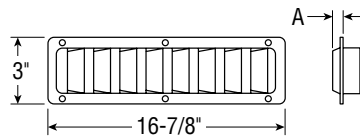
* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

A

3"

16-7/8"

1493

1499

For use with Collector Box	A Depth	Open Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1343	9/16"	2-1/16" x 15-15/16"	**1493-1**	*	**1493-5**	*
1343	1/16"	2-1/16" x 15-15/16"	**1499-1**	*	**1499-5**	*

Collector Box

For use with narrow stainless steel vents (1493 or 1499), with two 3" I.D. wire-supported ventilation hoses. Corrosion-resistant plastic.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

1343

Description	Depth	Installation Hole Saw Size	For Use with Vent(s)	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For two 3" I.D. hoses	4-1/16"	2-7/16" x 16-3/16"	1493, 1499	**1343-1**	*	—	

Venturi Vents

Clean, contemporary, louver design. Corrosion-resistant, paintable ABS plastic. For 3" or 4" I.D. ventilation system. Requires 1341 collector box for 3" system, or 1342 for 4" system. Install with #8 fasteners. Sized for installation even on highly-contoured decks.
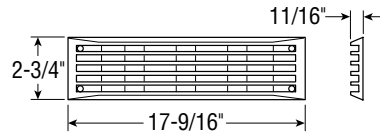
For use with Collector Box	Description	Open Hole Size	Bulk Packaging	Aftermarket Packaging
1341, 1342	Black	2" x 15-3/8"	**1494A1**	**1494A5**
	White	2" x 15-3/8"	**1494F1**	—

1494

Flush Louvered Vents

Canted louvers deflect rain and spray and help conceal the collector box. Installs flush to hull. Drain slots to prevent water accumulation. Black vent is ABS plastic, white vent is ASA plastic. Both are paintable. Install with #8 fasteners. Requires 1341 collector box for 3" system, or 1342 for 4" system.
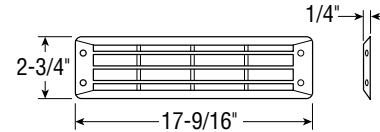
For use with Collector Box	Description	Open Hole Size	Bulk Packaging	Aftermarket Packaging
1341, 1342	Chrome	2" x 15-1/4"	**1426-1**	**1426-5**
	Black	2" x 15-1/4"	**1423-1**	**1423-5**
	White	2" x 15-1/4"	**1425-1**	**1425-5**

1426

Collector Boxes

For use with Venturi, Flush Louvered or Trimline Vents. Corrosion-resistant plastic.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Depth	Installation Hole Saw Size	For Use with Vent(s)	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For two 3" I.D. hoses	3-7/8"	2-1/16" x 15-9/16"	1494, 1423, 1424, 1425, 1426, 1496A	**1341-1**	*	—	
For one 4" I.D. hose	5"	2-1/8" x 15-5/8"	1494, 1423, 1424, 1496A	**1342-1**	*	—	

1341

1342

Plastic Louvered Vents

Constructed of paintable, corrosion-resistant ABS plastic with no sharp edges. For 3" I.D. ventilation system with 1345 collector box. Install with #8 fasteners.
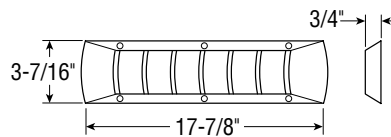
For use with Collector Box	Description	Open Hole Size	Bulk Packaging	Aftermarket Packaging
1345	Chrome Plated	2-1/4" x 16"	**1495B1**	**1495B5**
	Black	2-1/4" x 16"	**1495A1**	—
	Off-White	2-1/4" x 16"	**1495-1**	—

1495B

Collector Box

For use with plastic louvered vent, with two 3" I.D. wire-supported ventilation hoses. Box fastens to vent with screws or pop rivets, then vent fastens to the deck. Corrosion-resistant plastic.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Depth	Installation Hole Saw Size	For Use with Vent(s)	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For two 3" I.D. hoses	4"	2-7/16" x 16-1/4"	1495	**1345-1**	*	—	

1345

Modular Vents

Modular construction to accommodate any ventilation opening size by interlocking two or more center sections. End sections interlock to the center section for a finished appearance. For 4" I.D. ventilation systems using one or more 1348 collector boxes. End sections have two holes for #8 fasteners.
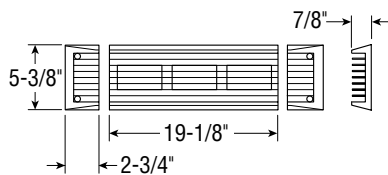
5-3/8" 19-1/8" 2-3/4" 7/8"

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Color	Open Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Center Sections	White	2-1/2" x 17-3/4"	1438F1		—	
End Sections	White	2-1/2" x 17-3/4"	1439F1		—	

1438

Collector Box

For use with modular vents, with 4" I.D. wire-supported ventilation hose. Corrosion-resistant plastic.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Depth	Installation Hole Saw Size	For Use with Vent(s)	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For two 4" I.D. hoses	5"	2-3/4" x 18"	1438, 1439	1348-1	*	—	

1348

Cowl Ventilator

For use with 3" I.D. wire-supported ventilation hose. Flexible hose flange is screwed onto hose, then vent snaps onto the flange. Vent constructed of chrome-plated zinc. Flange is non-corrosive plastic. Installs with #8 fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Installation Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
5-5/16" W x 6" L x 2-1/4" H (neck extends 1" below deck)	3-1/4" x 3-1/2"	1364A1	*	1364A3	*

1364A1

Twist-On Hose Flange

For use with 3" I.D. wire-supported ventilation hose. Hose installs from topside by turning the flange into the hose spiral, passing the hose through the deck hole, then mounting ventilator. No hose clamps needed. Corrosion-resistant plastic. Four holes for required #10 fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Installation Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Twist-On Hose Flange, Black	3.5"	1405-1	*	1405-3	*

1405-1

Storage Vent

Use to vent lockers and storage areas. Provides over six square inches of ventilation opening. Will not accept a ventilation hose. Corrosion-resistant plastic. Two holes for required #6 fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Height	Neck	Flange Dia.	Installation Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black	1-1/16"	5/8"	3-3/16"	3-1/16" to 3-1/8"	1353-1	*	—	

1353

Clamshell Vent

Provides a seal and splash protection for vent holes, wire and hose openings. Sizes to fit most common applications. Durable 300 series stainless steel construction. Three holes for required #6 fasteners.

Specifications

Vent Width	Size	Max Hole Size	Hose/Wire Max Size	Fasteners Size
1-3/16"	1-9/16" L x 1/2" H	1"	7/16"	#6
2-3/16"	2-1/4" L x 9/16" H	1-1/2"	9/16"	#6

Description	Dimensions	Bulk Packaging	Aftermarket Packaging
Stainless Steel	1-3/16"	66399-1	66399-3
	2-3/16"	66400-1	66400-3

66400

LIGHTING

LIGHTING THE WAY

Types of Navigation Lights

This section is divided into four basic types of navigation lights, differentiated by lens color, beam angle (horizontal cut-off angle), and location on the boat. All lights are for 12-volt DC applications only. Styles may vary, but the color, cut-off angle, and location must always comply with the following standards:

Sidelights

Color: Red (port) and/or Green (starboard).
Cut-off: From dead ahead to 112.5° aft on either side of center line (225° total horiz. arc).
Mounting: As far fore as possible.

All-Round Lights

For boats less than 12 meters (39.4 feet). The white all-round light may be used in lieu of a masthead or transom light.
Color: White.
Cut-off: Unbroken arc of 360° on the horizon.
Mounting: As near to the fore and aft centerline as possible.

Anchor/Masthead Lights

Color: White.
Cut-off: Unbroken arc from dead ahead to 112.5° aft on either side of center line (225° total horizontal arc), plus 135° dead astern.
Mounting: Placed over the fore and aft centerline.

Transom Lights

Color: White.
Cut-off: Unbroken horizontal arc of 67.5° each side dead astern (135° total horizontal arc).
Mounting: As far aft as possible.

Certifications, Codes, and Standards

This section provides you with some general information on the selection and installation of navigation lights for pleasure boats of 20 meters (65.6 feet) or less. For details refer to: ABYC A-16, 72 COLREGS, Inland Navigation Rules, U.S. Code of Federal Regulations Title 33 Part IP, or international regulations. The following Attwood navigation lights are NMMA listed and meet 72 COLREGS as noted.

USCG This symbol indicates Attwood navigation lighting products that have been certified according to the latest U.S. Coast Guard regulations.

Model No.	NMMA No.	Meets 72 COLREGS	Meets ISO 19009:2015
3900 Series	91508	YES	NO
5100 Series	91511	YES	NO
5300 Series	91512	YES	NO
5600 Series	2528266	YES	NO
5900 Series	91518	YES	NO
5940 Series	91515	YES	NO
6356D	91420	YES	NO
66382	91425	YES	NO
7100 Series	91520	YES	NO
7200 Series	2456711	YES	NO
7400 Series	2456711	YES	NO
LED Lights			
2500 Series	2515284	YES	NO
NV1002 SERIES (2NM)	2593399	YES	YES
NV1001 SERIES (1NM)	2597456	YES	YES
NV1012 SERIES (2NM)	2593400	YES	YES
NV1011 SERIES (1NM)	2597457	YES	YES
NV2002 SERIES (2NM)	2593401	YES	YES
NV2001 SERIES (1NM)	2597458	YES	YES
NV2012 SERIES (2NM)	2593402	YES	YES
NV2011 SERIES (1NM)	2597459	YES	YES
NV3012 SERIES (2NM)	2593409	YES	YES
NV3011 SERIES (1NM)	2597462	YES	YES
NV4012 SERIES (2NM)	2593410	YES	YES
NV4011 SERIES (1NM)	2597463	YES	YES
NV5012 SERIES (2NM)	2593411	YES	YES
NV5011 SERIES (1NM)	2597464	YES	YES
NV0002P (2NM)	2593407	YES	YES
NV0001P (1NM)	2597460	YES	YES
NV0002S (2NM)	2593408	YES	YES
NV0001S (1NM)	2597461	YES	YES
NV6LC1 SERIES (2NM)	2593403	YES	YES
NV6LC2 SERIES (2NM)	2593404	YES	YES
NV6SP1 SERIES (2NM)	2593405	YES	YES
NV6SP2 SERIES (2NM)	2593406	YES	YES
5530 Series	2459732	YES	NO
5540 Series	2459733	YES	NO
5550 Series	2459733	YES	NO
5580 Series	2501760	YES	NO
7800 Series	2459859	YES	NO
6556 Series	2459860	YES	NO

■ Boats at Anchor

When anchored in other than designated areas, any boat under 50 meters (164 ft.) must have a 360° white light in view (a single all-round light, a masthead and transom light, or other means).

■ Boats Underway

This section outlines the navigation lighting required according to current U.S. Coast Guard and 72 COLREGS (International Waters) regulations. When underway, the required navigation lights are:
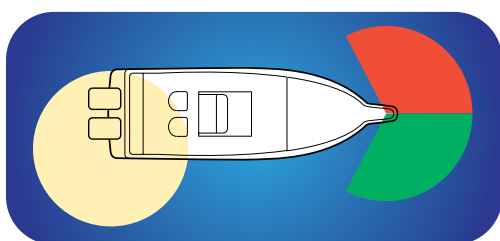
■ Power-driven boats less than 12 meters (39.4 feet) with max. speed over 7 knots:
  • Sidelight pair or combined-1mile
  • All-Round Light—2 mile or Masthead Light—2 mile with Transom Light—2 mile.
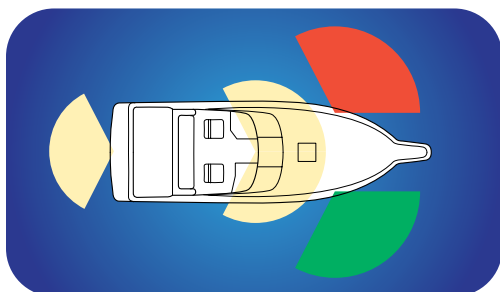
■ Power-driven boats 12 to 20 meters (39.4 to 65.6 feet):
  • Sidelight pair or combined—2 mile
  • Masthead Light—3 mile and Transom Light—2 mile.
  • All-Round Light may not be used.

■ Vertical Separation of Lights

Pole length and location determines light separation. On boats under 12 meters (39.4 feet), the all-round or masthead light must be located a minimum of one meter (39-3/8 inches) above the red-green sidelights. One meter must be the height separation measured from bulb filament centers.

H=one meter or 39-3/8"

On boats of 12 to 20 meters (39.4 to 65.6 feet), the masthead light must be at least 2.5 meters (8.2 feet) above the gunwale.

2.5 meters or 8.2 feet

■ Sailboats Under Motor Power:
When under power, sailboats are considered power boats and must operate with power boat lights as previously outlined.
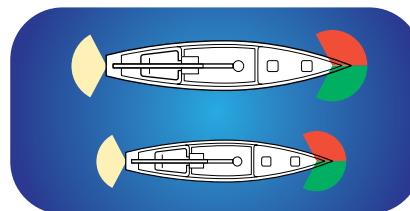
■ Sailboats less than 7 meters (23 feet) under sail:
  • Sidelight pair or combined-1 mile
  • Transom Light—2 mile
  • Flashlight or lighted lantern.
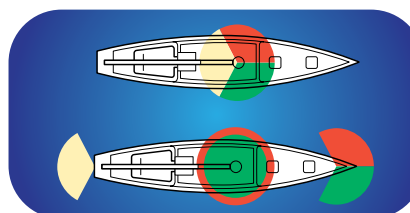
■ Sailboats 7 to 20 meters (23 to 65.6 feet) under sail:

Three different light configurations may be acceptable:
  1. Sidelights & Transom Light.
  2. A Sidelight & Transom Light combined in one light (a Tri-Color Light) mounted at or near top of mast.
  3. Sidelights & Transom Light, or two All-Round Lights, mounted at or near the top of the mast, the upper light being red and the lower green.

■ Small, Oar-Driven Boats:
  • Sidelight pair or combined—1 mile
  • Transom Light—2 mile
  • Flashlight or lighted lantern.
  • Various other light requirements are outlined in the standards regarding towing, vessels aground, and other special conditions.
  • Consult the Inland Navigation Rules, 72 COLREGS, or USCG for details.

WHY ATTWOOD LED?

A New Level of Efficiency

Through the use of proprietary optical design techniques, we've optimized our lens design to harness nearly 90% of all light being generated by the LED. In doing so, our line of LED series navigational lights exceed U.S. Coast Guard requirements with the fewest and lowest watt LEDs of any navigational light manufactured today. Less energy used by navigational lighting means more energy available for powering your boat and enjoying time on the water.

Engineered to Last

As the emerging leader in marine lighting design, Attwood understands the demands of the marine environment. Completely sealed LED units resist water intrusion, electrostatic discharge (during assembly), vibration and ultraviolet light (UV) radiation. Reverse polarity protection has been added to eliminate potential mis-wiring damage during installation. Our LED navigational lighting also features high-quality, electro-polished stainless steel covers designed to resist corrosion in even the most extreme saltwater environments. The result? Style and durability. Most importantly, Attwood lights are built to stand the test of time. Rated for 50,000+ hours of use, you can count on Attwood products to light your way for years to come.

304 Stainless Steel (or Black Composite Cover)

Tough PC/ABS Housing

LED Light Engine Module

Santoprene™ Gasket

Ready for the Global Market
- EN/ISO 19009:2015
- ABYC A-16
- 1972 COLREGS
- RCD 2013/53/EU
- USG 33 CFR

LED Light Engine

Positioned and sealed inside a lens assembly, the "light engine" serves as the equivalent of an LED (Light Emitting Diode). It can be easily customized to meet the needs of a builder in terms of attachment scheme and overall dimensions.

Chart: Light life (Hrs.) — y-axis: 0 Hrs. to 50,000 Hrs.; x-axis: Attwood LED Lights, Incandescent Lights, Halogen Lights, Xenon Lights

Chart: Power Draw (W) @ 12 VDC — y-axis: 0 to 20; x-axis: 3-NM Masthead, 2-NM All-Round, 2-NM Sidelights, 2-NM Bow Lights, 1-NM Sidelights, 1-NM Bow Lights. Legend: ■ Attwood LED ■ Incandescent
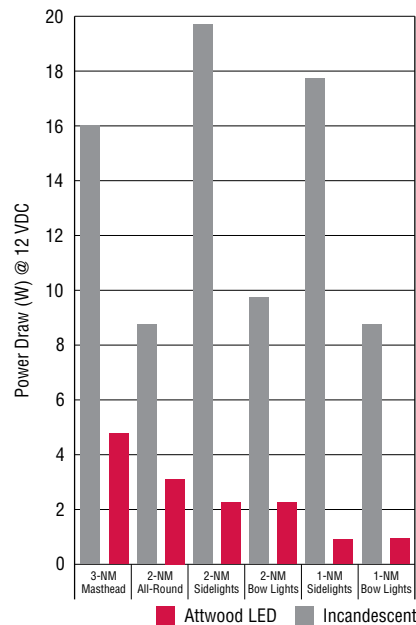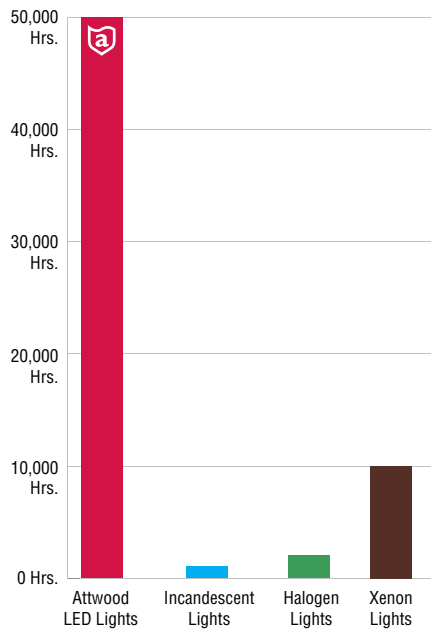
Choice of Electrical Connectors

Attwood lights feature several wire attachment styles to adapt to your boat's wiring harness. Standard wire on all lights are tinned and caulked.

Special connectors are available on special order by contacting your Attwood representative. Minimum order quantity is 250:

Brown – Positive, Black – Negative, Brown & White – Manual Override

Standard

2-Way Molded (MP1)

Packard Connector

Packard Connector, Water-Resistant

Amp Connector

Amp Connector, Water-Resistant

Quick Silver Connector

Deutsch Connector

Delphi Connector

SIDELIGHTS

LED LIGHTARMOR™
LED LIGHTS: 1-MILE / 2-MILE

LightArmor Navigation Lights

LightArmor Navigation Lights have all the characteristics that signifies the premium LightArmor brand: top-quality materials, robust construction, durability, and sleek design.

* **WARNING** ⚠ Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
- Meets today's global regulatory requirements, including EN/ISO 19009:2015
- Proprietary modular LED light engine technology
- Design flexibility and ease of installation

LED LIGHTARMOR™ Deck Mount Lights

USCG

1-Mile Lights   For use on boats up to 39.4 ft (12 m) in length.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
STAINLESS STEEL				
1-NM, Oval, Bi-Color	NV1001SS-1	*	—	
1-NM, Oval, Red/Green, Pair Sidelights	NV1011SS-1	*	—	
1-NM, Round, Bi-Color	NV2001SS-1	*	—	
1-NM, Round, Red/Green, Pair Sidelights	NV2011SS-1	*	—	
BLACK COMPOSITE				
1-NM, Oval, Bi-Color	NV1001PB-1	*	—	
1-NM, Oval, Red/Green, Pair Sidelights	NV1011PB-1	*	—	
1-NM, Round, Bi-Color	NV2001PB-1	*	—	
1-NM, Round, Red/Green, Pair Sidelights	NV2011PB-1	*	—	

2-Mile Lights   For use on boats up to 65.6 ft (20 m) in length.

USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
STAINLESS STEEL				
2-NM, Oval, Bi-Color	NV1002SS-1	*	—	
2-NM, Oval, Red/Green, Pair Sidelights	NV1012SS-1	*	—	
2-NM, Round, Bi-Color	NV2002SS-1	*	NV2002SS-7	*
2-NM, Round, Red/Green, Pair Sidelights	NV2012SS-1	*	NV2012SSR-7† / NV2012SSG-7†	*
BLACK COMPOSITE				
2-NM, Oval, Bi-Color	NV1002PB-1	*	—	
2-NM, Oval, Red/Green, Pair Sidelights	NV1012PB-1	*	—	
2-NM, Round, Bi-Color	NV2002PB-1	*	NV2002PB-7	*
2-NM, Round, Red/Green, Pair Sidelights	NV2012PB-1	*	NV2012PBG-7† / NV2012PBR-7†	*

LED LIGHTARMOR™ Vertical Mount Lights

1-Mile Lights   For use on boats up to 39.4 ft (12 m) in length.

USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
STAINLESS STEEL				
1-NM, Round, Red/Green Pair	NV3011SS-1	*	—	

2-Mile Lights   For use on boats up to 65.6 ft (20 m) in length.

USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
STAINLESS STEEL				
2-NM, Round, Red/Green Pair	NV3012SS-1	*	NV3012SSG-7† / NV3012SSR-7†	*
2-NM, Eliptical, Red/Green Pair	NV4012SS-1	*	NV4012SSG-7† / NV4012SSR-7†	*
2-NM, Oval, Red/Green Pair	NV5012SS-1	*	—	
BLACK COMPOSITE				
2-NM, Oval, Red/Green Pair	NV5012PB-1	*	—	

† Red/Green Sidelights packaged separately for aftermarket.

NV1012SS

NV1002SS

NV2012PB

NV1002PB

NV3012SS

NV4012SS

NV5012PB
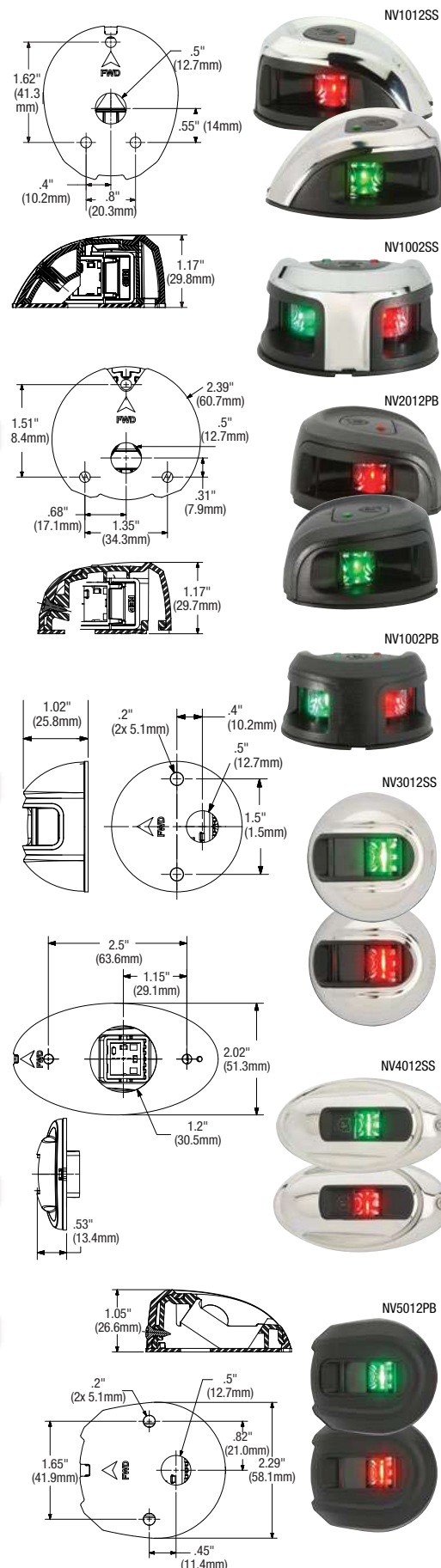
QUASAR 3100 SERIES

2-MILE SIDELIGHTS

Quasar lights are intelligently designed for easier installation, maintenance, and efficient light output. For use on boats up to 65.6 ft. (20 meters).

- Smooth contour prevents lines from snagging on housing
- Available in a variety of finishes
- Lens resin color (red/green) tuned to maximum sensitivity of the human eye for optimum visibility
- Single external stainless steel lock screw attaches cover to base, permits easy disassembly for servicing
- Stainless steel electrical contacts will not corrode
- Attaches directly to deck with concealed #10 fasteners – or to one of the Sidelight Snap-On Bases (3300 Series)
- 1/4-inch stainless steel contacts or 7-inch hard wire leads for connection to 12-volt DC power supply
- Includes 8-watt festoon bulb
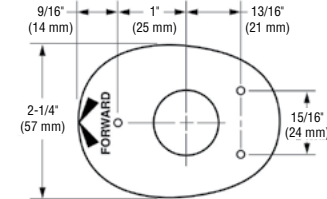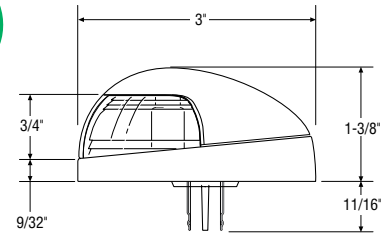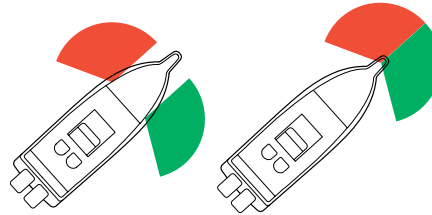
Bi-Color Combination, Deck Mount

2-mile, 225° light visibility.

2 NM
USCG

  * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Socket	Aftermarket Packaging	Prop 65
Black	7" wire lead	3120-7	*
White	7" wire lead	3121-7	*
HIPP / Chrome (Black Base)	7" wire lead	3123-7	*

3120

Red/Green Pair, Deck Mount

Each light provides 2-mile, 112.5º light visibility. Works well with 1/4-inch Quick-Connect Snap-on Base to speed installation.

2 NM
USCG

  * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Socket	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black	1/4" quick connect	3130-1	*	—	
	7" wire lead	3150-1	*	3150R7† / 3150G7†	*
HIPP / Chrome (Black Base)	1/4" quick connect	3133-1	*	—	
	7" wire lead	3153-1	*	3153R7† / 3153G7†	*

3153G7

3153R7
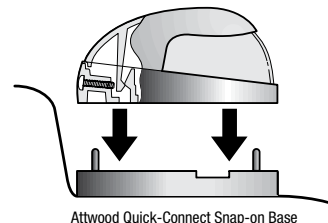
Attwood Quick-Connect Snap-on Base

† *Red/Green Sidelights packaged separately for aftermarket.*

PULSAR 5040 SERIES

1-MILE SIDELIGHTS

Bayonet lock design secures lens and cover to base. Includes a 9-Watt (#906) wedge base lamp and 7-inch wire leads for connection to 12-volt DC power supply. Installs directly to deck with two #10 fasteners. Cover and lens conceal installation fasteners and seal water out of lamp and hull. For use on boats up to 39.4 ft. (12 meters). 1-mile, 225º light visibility.

1-3/16"

1-7/16"

3/4"

3/4"

2-3/8"
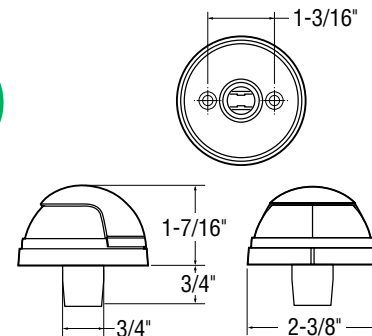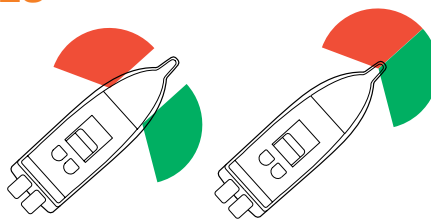
Bi-Color Combination, Deck Mount

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

1 NM
USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black	—		5045-7	*

5045

Red/Green Pair, Deck Mount

Each light provides 1-mile, 112.5º light visibility. Includes a 9-Watt (#906) wedge base lamp.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

1 NM
USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black	5040-1	*	5040R7† / 5040G7†	*
Stainless Steel	5040SS1	*	—	

5040G

5040R

Red/Green Pair, Raised Base

Ideal for use where light must be elevated for visibility above rails and carpeting. Each light provides 1-mile, 112.5º light visibility. For use on boats up to 39.4 ft. (12 meters). Includes a 9-Watt (#906) wedge base lamp.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

1 NM
USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black	—		5080R7† / 5080G7†	*
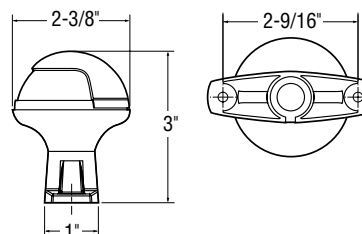
5080G

5080R

2-3/8"

2-9/16"

3"

1"

† *Red/Green Sidelights packaged separately for aftermarket.*

STAINLESS STEEL
3800 SERIES
2-MILE SIDELIGHTS

Attwood's 2-Mile Stainless Steel Sidelights are made with a rugged 316 stainless steel cover for outstanding resistance to impact and corrosion. For use on boats up to 65.6 ft. (20 meters).

- Smooth contour prevent lines from snagging on housing
- A single external stainless steel lock screw attaches cover to base, permits easy disassembly for servicing
- Stainless steel electrical contacts will not corrode
- Cover design and integral gasket seal out water and make installation and maintenance simple
- Includes efficient, high-output 10-watt bayonet lamp
- Tinned 7-inch wire leads make it easier to make a permanent, corrosion-resistant connection

1-1/2"
1-1/16"

3-3/8"
3/4"   1"   1"

2-7/16"
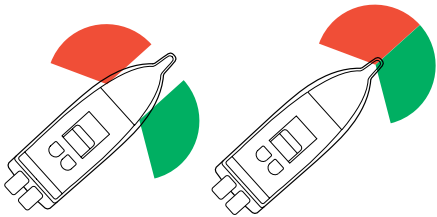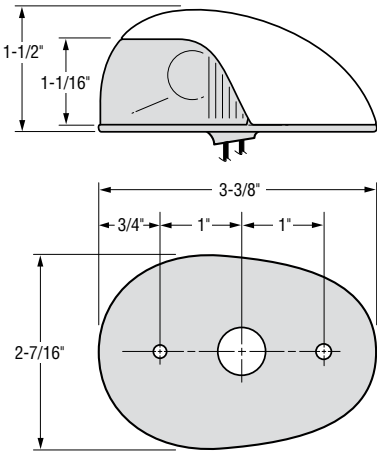
Stainless steel cover and electrical contacts for corrosion resistance and long life

Locking screw for easy assembly and maintenance
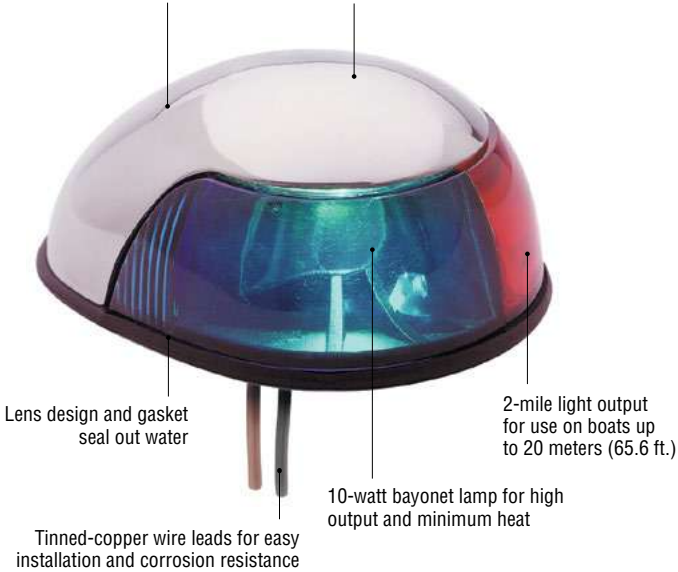
Lens design and gasket seal out water

2-mile light output for use on boats up to 20 meters (65.6 ft.)

10-watt bayonet lamp for high output and minimum heat

Tinned-copper wire leads for easy installation and corrosion resistance

Bi-Color Combination, Deck Mount

2-mile, 225° light visibility.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

2 NM
USCG

Description	Rated Voltage	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel	12-volts	3810-1	*	3810-7	*

3810

Red/Green Pair, Deck Mount

Each light provides 2-mile, 112.5º light visibility.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

2 NM
USCG

Description	Rated Voltage	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel	12-volts	3820-1	*	3820R7† / 3820G7†	*

3820G

3820R

† *Red/Green Sidelights packaged separately for aftermarket.*

VERTICAL MOUNT
3800 SERIES
2-MILE SIDELIGHTS

Visibility, Style, and Durability
- Clean, contoured shape blends into hull making the light less noticeable and providing an integrated look with the boat
- Choice of cover colors includes: black, white, or 316 stainless steel
- Rugged stainless steel internal components for corrosion-free performance
- 2-mile output for boats to 20 meters (65.6 ft.)
- Tinned 7-inch wire leads make a permanent, corrosion-resistant connection

Contoured Styling
Matches the 3800 Series 2-Mile Horizontal Mount Sidelights. Provides builders with a family styling for navigation lights between different model offerings.

Durable Construction
The one-piece lens and full-perimeter gasket design make the light virtually waterproof when properly installed. Durable plastic or stainless steel helmet provides rugged protection to the lens and lamp. Internal electrical contacts are stainless steel, so corrosion is not a problem– even in saltwater.

Simple Installation, Small Footprint
Just remove one screw to detach the helmet, and install the base directly to vertical surfaces. Small size makes it simple to install in confined areas. Typical Installation requires: (3) #10 stainless steel screws of length suitable for deck material.

Base

Lens

Cover
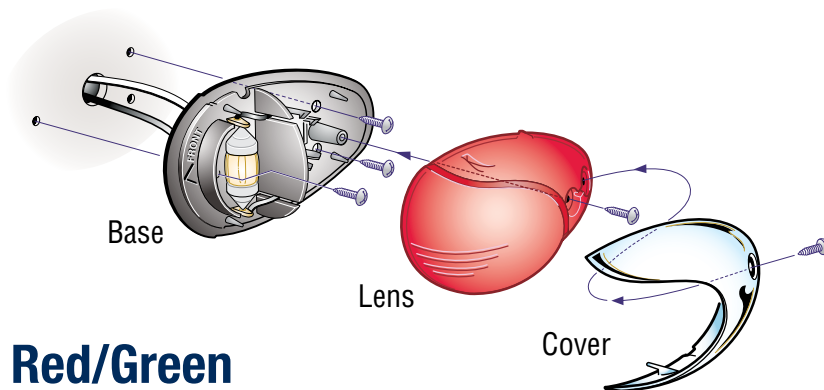
Red/Green Sidelights, Pair

Each light provides 2-mile, 112.5º light visibility.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

2 NM
USCG

Description	Rated Voltage	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black Plastic	12-volts	3830-1	*	—	
Stainless Steel	12-volts	3838-1	*	3838R7† / 3838G7 †	*

3830-1
(12) red, (12) green in pack

3838R7 / 3838G7

† *Red/Green Sidelights packaged separately for aftermarket.*

STAINLESS STEEL
66000 SERIES
1-MILE SIDELIGHTS

Constructed of corrosion-resistant 304 stainless steel, these lights provide 1-mile visibility for power boats up to 39.4 ft. (12 meters). Lights include rubber gasket lens seal for enhanced internal corrosion resistance. Includes one 7.5-watt lamp. For connection to 12-volt DC power supply.

1-1/2"
1-7/8"

2-1/2"
2-1/16"
2-1/4"
27/32"
1-11/16"
5/8" Dia.
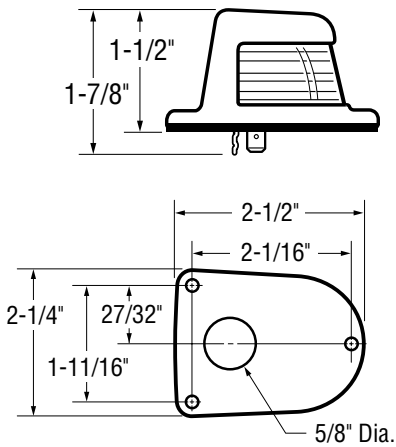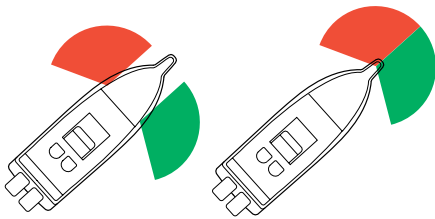
Bi-Color Combination, Deck Mount

Installs with three #6 mounting fasteners (not included). Provides 1-mile, 225º light visibility.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

66318

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel	—		66318-7	*

1 NM
USCG

Red/Green Pair, Deck Mount

Installs with three #6 mounting fasteners (not included). Each light provides 1-mile, 112.5º light visibility.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

66319R   66319G

Description	Socket	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel	7" wire lead	—		66319R7† / 66319G7 †	*
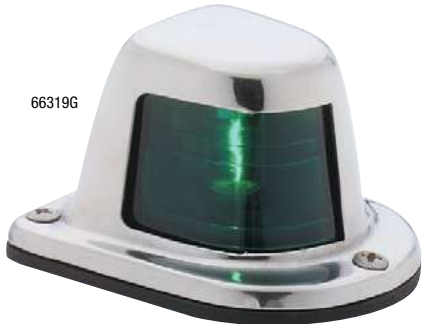
1 NM
USCG

† *Red/Green Sidelights packaged separately for aftermarket.*

ZAMAK
6300 SERIES
1-MILE SIDELIGHTS

These die-cast ZAMAK sidelights with Perma-Plate® finish provide 1-mile visibility for power boats up to 39.4 ft. (12 meters). Mounts on decks or gunwales with external screws. Includes 7.5-watt lamp and 7-inch hard wire leads for 12-volt DC electrical connection.
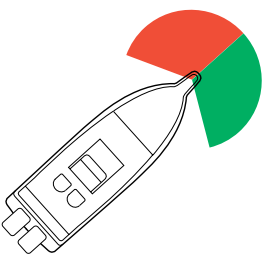
Bi-Color Combination, Deck Mount

Housing completely encases socket. Installs with two #8 fasteners (not included). Provides 1-mile, 225º light visibility.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Chrome-Plated ZAMAK	—		**6375D6**	*

6375D6

POLE-MOUNTED PLUG-IN SIDELIGHTS

LED LIGHTARMOR™
Bi-Color Navigation Pole Lights

LightArmor Stowaway Pole Lights have all the characteristics that signifies the premium LightArmor brand: top-quality materials, robust construction, durability, and sleek design. Available with task light option.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Meets today's global regulatory requirements, including EN/ISO 19009:2015
- Proprietary modular LED light engine technology
- 2-mile visibility
- Design flexibility and ease of installation

NOTE: locking collar design is compatible only with LightArmor Plug-In Bases

LightArmor Bi-Color Pole Lights

Series	Use with Light Base
NV6LC1, NV6SP1	910R2, 901V2, 910T2, 2520*, 911339*, 911370*,

LightArmor Bi-Color Pole Lights with Task Light

Series	Use with Light Base
NV6LC2, NV6SP2	910R3, 901V3, 910T3, 2530*

* When locking collar is removed.

NV6LC2

NV6LC2 (Back view)

2 NM
USCG

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin, Locking Collar Pole	10" Straight	NV6LC1-10-1	*	—	
	12" Straight	NV6LC1-12-1	*	—	
	14" Straight	NV6LC1-14-1	*	NV6LC1-14-7	*
	16" Straight	NV6LC1-16-1	*	—	
	10" Angled	—		NV6LC1-10A7	*
	14" Angled	—		NV6LC1-14A7	*
2-Pin, Standard Pole	10" Straight	NV6SP1-10-1	*	—	
	12" Straight	NV6SP1-12-1	*	—	
	14" Straight	NV6SP1-14-1	*	—	
	16" Straight	NV6SP1-16-1	*	—	
3-Pin, Locking with Task	10" Straight	NV6LC2-10-1	*	NV6LC2-10-7	*
	14" Straight	NV6LC2-14-1	*	NV6LC2-14-7	*
3-Pin, Standard with Task	10" Straight	NV6SP2-10-1	*	—	
	14" Straight	NV6SP2-14-1	*	—	

Standard Pole

OEM Threaded Locking Collar

Aftermarket Dual Locking Collar

LIGHTARMOR™
Plug-In Bases
See pages 49-51

LED LIGHTARMOR™
Bi-Color Fast Action Navigation Lights

Premium LED lights with a flexible, impact-resistant composite pole make these perfect for anglers and hunters to maneuver through low-hanging obstacles. The subtle, glare-free black matte finish complements many of today's boat designs.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- ISO 19009:2015 Certified
- Impact-resistant polycarbonate lens
- Water resistant
- Corrosion/UV resistant
- LED light engines last for 50,000 hours
- 5-year warranty

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin, Locking Collar Pole	10"	NV6LC1-10BP1	*	—	
	12"	NV6LC1-12BP1	*	—	
	14"	NV6LC1-14BP1	*	NV6LC1-14BP7	*
3-Pin, Locking Collar Pole	14"	NV6LC2-14BP1	*	NV6LC2-14BP7	*

NV6LC1

NV6LC2
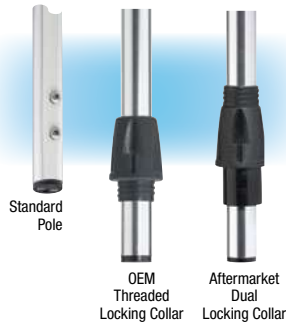
PULSAR 5090 SERIES
1-MILE SIDELIGHTS

Attwood offers a variety of durable, stowaway, combination pole-mounted sidelights for bow mounting. Each features an anodized aluminum pole that raises the light head for visibility above trolling motors, anchors, or other equipment on the bow. When not in use, lights can be removed from base and stowed, so they won't interfere with fishing or anchoring .

Bi-Color Stowaway

1-mile, 225° light visibility for boats up to 39.4 ft. (12 meters). Includes 9-watt wedge base lamp.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

1 NM
USCG

Series	Use with Light Base
5091, 5092	910R2, 901V2, 910T2, 2520‡, 911339*, 911370*

‡*When locking collar is removed.*

5091, 5092,

Standard Pole

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	10" Straight	5092-10T1	*	5092-10-7	*
	12" Straight	5092-12T1	*	—	
	12" Straight, Black	5092-12TB1	*	—	
	14" Straight	5092-14T1	*	5092-14-7	*
	16" Straight	5092-16T1	*	—	
	20" Straight	5092-20T1	*	—	
2-Pin Standard Pole	10" Angled	5091-10-1	*	5091-10-7	*
	12" Angled	5091-12-1	*	—	
	14" Angled	5091-14-1	*	5091-14-7	*

OEM Threaded Locking Collar

Aftermarket Dual Locking Collar
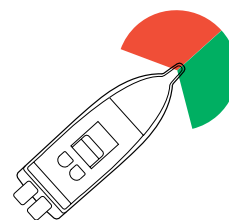
Bi-Color Stowaway with Task Light

Based on the same great design of the original Pulsar™ Bi-Color Pole Light, the Task Light also gives you a narrow beam work light. It features a durable rubber "push-on" switch and a micro bulb. Attwood's Task Light output is ten times brighter than competitive models, giving today's fishermen the tools they need for serious nighttime fishing.
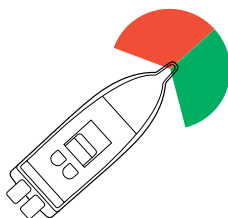
5095

Provides one-mile, 225º bi-color (red/green) light visibility for boats up to 39.4 ft. (12 meters). Lamps included: 9-watt wedge-base lamp for navigation and separately-wired 5,000 hour, non-replaceable task light lamp.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

1 NM
USCG

Series	Use with Light Base
5095	910R3, 901V3, 910T3, 2530*

* When locking collar is removed.

Standard Pole

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3-Pin Locking-Collar Pole	10" Straight	5095-10T1	*	5095-10-7	*
3-Pin Standard Pole	10" Straight	5098-10-1	*	—	

OEM Threaded Locking Collar

Aftermarket Dual Locking Collar

2500 SERIES
HORN & LIGHT BASE

Ideal solution for today's fishing boat market. Combining both horn and light base components into one integrated module, Attwood's assembly is compact, robust, and easy to install. The acoustic technology provides a louder, more effective, and higher quality sounding product than current industry offerings. Attwood's patent pending water management system efficiently controls water inrush and eliminates the need for a sound reducing cloth at the horn mouth.

Exceptional Sound Quality

MINIMUM ABYC A-23 ACCEPTABLE LEVEL

dBA

Competitor A — 101
Competitor B — 102
Competitor C — 103
Competitor D — 104.8
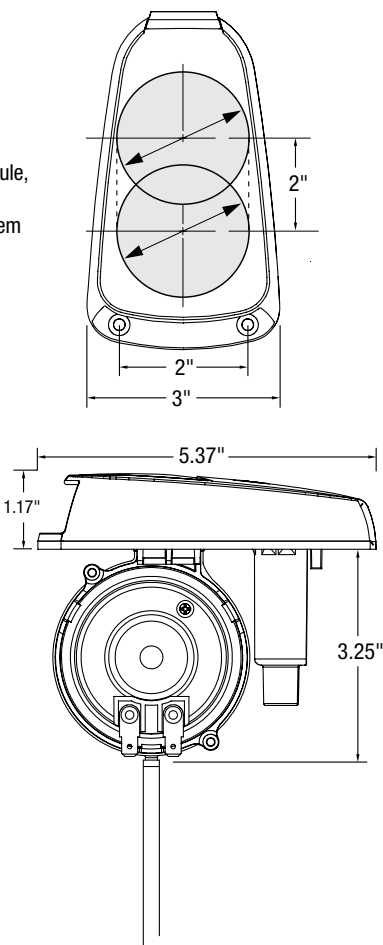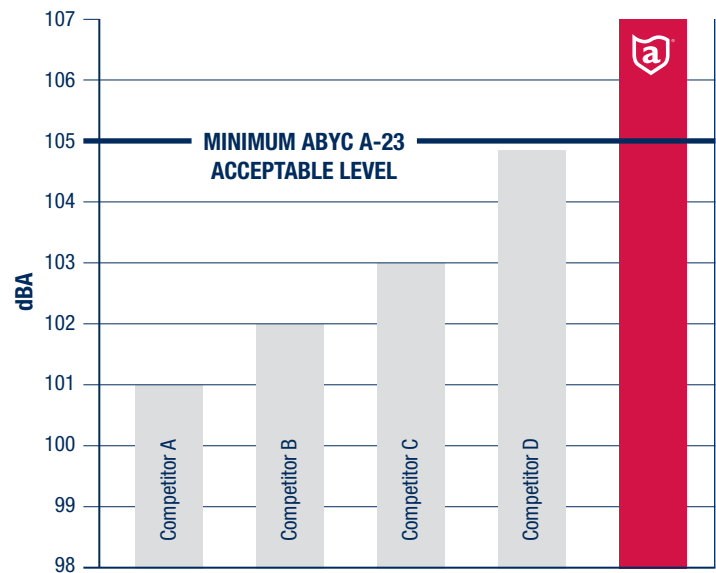
Durable

- Stainless mesh won't tear or puncture like cloth fabric.
- Water management system prevents common horn failures.
- Rubber base cover is flexible to avoid damage if kicked or stepped on.
- Withstands 2500 lb. standing load.
- Horn uses a make/break disc diaphram to produce a quality tone (The main competitor uses a piezoelectric horn to produce a buzzer sound).

2520 / 2530

Shown with
LIGHTARMOR
LED Bi-color
Pole Light

2500 Series Horn & Light Base with Suggested Attwood Pole Lights

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
HORN & LIGHT BASE					
2-Wire	—	**2520-1**	*	—	
3-Wire	—	**2530-1**	*	—	
SUGGESTED ATTWOOD POLE LIGHTS					
2-Pin, Standard Pole	10" Straight	**NV6SP1-10-1**	*	—	
	12" Straight	**NV6SP1-12-1**	*	—	
	14" Straight	**NV6SP1-14-1**	*	—	
	16" Straight	**NV6SP1-16-1**	*	—	
3-Pin, Standard with Task	10" Straight	**NV6SP2-10-1**	*	—	
	14" Straight	**NV6SP2-14-1**	*	—	
2-Pin, Standard Incandescent	10" Straight	**5097-10-1**	*	—	

PLUG-IN ALL-ROUND LIGHT OVERVIEW

Attwood offers a selection of durable, stowaway, pole-mounted lights. Plug-in pole lights are available in socket styles to fit most Attwood's 2- and 3-pin bases, and competitive brands of bases when the 2- or 3-pin locking-collar pole is specified.

POLE LIGHT SELECTION

Simply choose the style of light head and lens you need and select the pole style to fit your existing base. Or select a matching base best suited to your installation location. *Black pole option available upon request*.

Locking-collar with universal fit for Attwood & competitive bases

For Attwood standard bases

LOCKING-COLLAR POLE WITH UNIVERSAL FIT

OR

STANDARD POLE

Locking-collar poles offer universal fit allowing customers to use them with a wide variety of Attwood 2- and 3-pin straight or angled bases. They also work as replacements in competitive bases, including Perko® brand bases.

Standard pole is used on Attwood all-round, masthead, transom, and bi-color pole lights. Fits all Attwood standard (non-locking-collar) 2- and 3-pin contact bases.

2-MILE ALL-ROUND LIGHTS

Attwood all-round lights offer 2-mile, 360° visibility and are suitable on boats up to 39.4 feet (12 meters). Power vessels less than 39.4 feet may show a single all-round light in lieu of a separate masthead and stern light. Attwood all-round lights are available in a variety of head, pole, and base styles to fit most boats and installation locations. On boats under 12 meters, the all-round light is the most important navigation light because it can be seen by others from any direction.

7.5
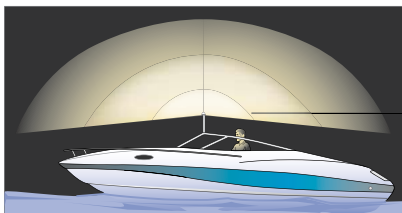
■ LED ANTI-GLARE
■ ANTI-GLARE LIGHTS
■ FROSTED GLOBE LIGHTS

Attwood offers a choice of all-round lights — Anti-Glare and Frosted Globe. Select the head, pole, and, base style that best suit your installation location and eliminate driver glare.

Traditional and LED Anti-Glare Lights

Attwood's Anti-Glare All-Round light goes beyond current regulations to reduce the danger of on-board glare. The precision lens focuses the light beam to the horizon where it's needed–360º without diffusion–keeping it out of the driver's field of view. It allows the operator to see while being sure the boat is seen. The bottom aperture eliminates glare by cutting off the light beam at 7.5º below horizontal, so it's out of the driver's view. Above horizontal, the lens shines a continuous arc of light–allowing improved visibility even when the boat is pitching in rolling seas. The Articulating Anti-Glare Light makes it even easier to eliminate glare. The patented articulating head adjusts from 15º fore to 15º aft to fit all base angles and typical deck installations.

Middle of Bulb

Vertical Pole Length

Overall Length

Pole Length

Deck
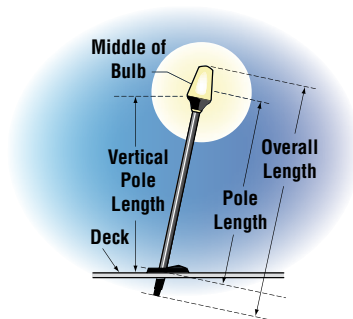
Frosted Globe Lights

Attwood's standard Frosted Globe All-Round light is also available. Offering 360º visibility.

One meter or 39-3/8"
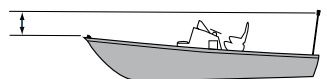
One-Meter Regulation

All-round light must be a minimum of one meter (39-3/8") above the red/green sidelights on boats under 12 meters (39.4 ft.). One meter must be the height separation measured from bulb filament centers.

Note: Frosted globe pole lights may be used with straight and angled bases. Unarticulated anti-glare pole lights must be selected to match the appropriate straight or angled base.

LIGHTARMOR™
Articulating LED Anti-Glare

Articulating Anti-Glare

Frosted Globe

Perko® is a registered trademark of Perko, Inc.

LIGHTARMOR™
Fast Action All-Round Navigation Lights

Premium LED lights with a flexible, impact-resistant composite pole make these perfect for anglers and hunters to maneuver through low-hanging obstacles. The subtle, glare-free black matte finish complements many of today's boat designs.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- ISO 19009:2015 Certified
- Impact-resistant polycarbonate lens
- Water resistant
- Corrosion/UV resistant
- Light head adjusts 15° fore to 15° aft
- LED light engines last for 50,000 hours
- 5-year warranty

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
All-Round Light	24"	5530-24BP1	*	5530-24BP7	*
	30"	5530-30BP1	*	—	
	36"	5530-36BP1	*	5530-36BP7	*
	42"	5530-42BP1	*	5530-42BP7	*
	48"	5530-48BP1	*	—	
	54"	5530-54BP1	*	5530-54BP7	*
	60"	5530-60BP1	*	—	

5530

Threaded Locking Collar fits securely with LightArmor Plug-In Light Bases

LED LIGHTARMOR™
All-Round Articulating Light

- USCG certified. Provides 2-mile 360º visibility for boats up to 39.4 ft (12m)
- LightArmor™ All-Round navigation engine
- 30% lighter than earlier Attwood all-round lights
- Exclusive condensation management increases visibility
- Exclusive anti-glare engine preserves night vision
- Shock-, corrosion-, and water-proof electronics
- Durable, anodized aluminum pole
- Articulating head for use in all applications

- Strong locking-collar secures light in harsh marine conditions
- Standard 2-pin
- Compatible with Attwood and popular bases
- Operating range = 10.5 VDC - 14.4 VDC
- Over 50,000 hour life
- 5-year warranty

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

5530

2 NM
USCG

Series	Use with Light Base
5530	910R2, 901V2, 910T2, 2520‡, 911339‡, 911370‡

‡*When locking collar is removed.*

OEM Threaded Locking Collar   Aftermarket Dual Locking Collar

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	12"	**5530-12T1**	*	—	
	24"	—		**5530-24A7**	*
	36"	—		**5530-36A7**	*
	42"	**5530-42T1**	*	**5530-42A7**	*
	48"	**5530-48T1**	*	**5530-48A7**	*
	54"	**5530-54T1**	*	**5530-54A7**	*
	54", Black	**5530-54TB1**	*	—	
	60"	**5530-60T1**	*	**5530-60A7**	*
	66"	**5530-66T1**	*	—	

LED LIGHTARMOR™
All-Round Folding Pole Light

- USCG certified.Provide 2-mile, 360° visibility for boats up to 39.4 feet (12 m)
- LightArmor™ All-Round navigation engine
- 30% lighter than earlier Attwood all-round lights
- Exclusive condensation management increases visibility
- Exclusive anti-glare engine preserves night vision

- Shock-, corrosion-, and water-proof electronics
- Durable, anodized aluminum pole
- Standard 2-pin
- Compatible with Attwood and popular bases
- Operating range = 10.5 VDC - 14.4 VDC
- Over 50,000 hour life
- 5-year warranty

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

5540

2 NM
USCG

Series	Use with Light Base
5540, 5570	910R2, 901V2, 910T2, 2520‡, 911339‡, 911370‡

‡*When locking collar is removed.*

Standard Pole

OEM Threaded Locking Collar   Aftermarket Dual Locking Collar

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	54"	**5540-54T1**	*	**5540-54A7**	*
	60"	**5540-60T1**	*	—	
	72"	**5540-72T1**	*	—	
	84"	**5540-84T1**	*	—	
2-Pin Standard Pole	60"	**5570-60-1**	*	—	
	72"	**5570-72-1**	*	—	

Incandescent All-Round Articulating Anti-Glare Light

Attwood's Anti-Glare lights are a great improvement over conventional all-round lights. They focus light at the horizon and above, not in the driver's eyes.

The bottom aperture reduces glare at 7.5° below horizontal. Above horizontal, the lens shines a continuous arc of light in rolling seas. The patented articulating head adjusts from 15° forward to 15° aft. Simply align the lens to the horizon and tighten the adjustment screw. Makes the boat more visible to taller craft such as freighters and commercial vessels.

The All-Round Articulating Anti-Glare Light simplifies inventory for builders and retailers, since one light fits most angles and installations. The locking-collar pole allows installation in 95% of existing bases — Attwood models as well as competitive bases such as Perko® brand, which simplifies installation for consumers.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Perko® is a registered trademark of Perko, Inc.

Controlled light beam shines above horizon to increase visibility to taller craft.

Bottom aperture cuts off light beam at 7.5° below horizontal to reduce glare in driver's eyes.

Stainless steel adjustment screw with stainless steel threaded insert.

May be used in straight or angled pole light bases, mounted on flat or angled deck surfaces.

Patented articulating head adjusts from 15° fore to 15° aft to fit all base angles and typical deck installations.

5330

2 NM USCG

Series	Use with Light Base
5330	910R2, 901V2, 910T2, 2520* 911339*, 911370*

* When locking-collar is removed.

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	42"	5330-42T1	*	5330-42-7	*
	48"	—	*	5330-48-7	*
	54"	5330-54T1	*	—	
	60"	5330-60T1	*	—	
	72"	5330-72T1	*	—	

OEM Threaded Locking Collar

Aftermarket Dual Locking Collar

Incandescent All-Round Folding Pole Light

All-round lights must be at least one meter above sidelights, which requires a longer pole light that is difficult to store for some boats. Attwood's All-Round Folding Pole light solves this problem. It has all the features of the patented Articulating Anti-Glare Light, plus one great advantage — the removable pole folds in half for easy storage.

The mid-point hinge is a corrosion-resistant, glass-filled composite. Wiring is sheathed at the hinge for trouble-free operation.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Collar Holds Halves Together When Folded

Mid-Point Hinge

Pole Extended

5340

2 NM USCG

Series	Use with Light Base
5340	910R2, 901V2, 910T2, 2520* 911339*, 911370*

* When locking-collar is removed.

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	42"	5340-42T1	*	—	
	48"	5340-48T1	*	5340-48-7	*
	54"	5340-54T1	*	5340-54-7	*
	60"	5340-60T1	*	—	
	72"	5340-72T1	*	—	
	84"	5340-84T1	*	—	

OEM Threaded Locking Collar

Aftermarket Dual Locking Collar

Incandescent All-Round Anti-Glare Light, Straight Pole

Anti-glare lens focuses light beam to reduce glare in driver's eyes. Straight Pole with locking-collar is adaptable to most 90° competitive bases. 9-watt wedge-base lamp is commonly available in auto, marine, and convenience stores.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

5320

2 NM USCG

Series	Use with Light Base
5320	910R2, 901V2, 910T2, 2520‡ 911339‡, 911370‡

‡*When locking collar is removed.*

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	20"	**5320-20T1**	*	—	
	42"	**5320-42T1**	*	—	
	48"	**5320-48T1**	*	—	
	54"	**5320-54T1**	*	—	
	54", Black	**5320-54TB1**	*	—	
	60"	**5320-60T1**	*	—	
	60", Black	**5320-60TB1**	*	—	
	72"	**5320-72T1**	*	—	

OEM Threaded Locking Collar

Incandescent All-Round Anti-Glare Light, Angled Pole

Middle of Bulb
Vertical Pole Length
Overall Length
Pole Length
Deck
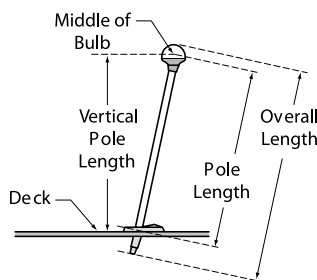
Angled (12°) pole model features either a locking-collar or a standard Attwood 2-pin pole. Poles are constructed of 3/4-inch diameter aluminum. Lens threads off for easy lamp replacement. Includes commonly available 9-watt wedge-base lamp.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

5310, 5300

2 NM USCG

Series	Use with Light Base
5300, 5310	910R2, 901V2, 910T2, 2520‡ 911339‡, 911370‡

‡*When locking collar is removed.*

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	66"	**5310-66T1**	*	—	
2-Pin Standard Pole	60"	**5300-60-1**	*	—	
	72"	**5300-72-1**	*	—	

Standard Pole

OEM Threaded Locking Collar

Incandescent All-Round Frosted Globe Light

Provides 2-mile, 360º illumination for boats up to 65.6 ft. (20 m). Includes 9-watt wedge-base lamp.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

5100, 5110

2 NM
USCG

Series	Use with Light Base
5100, 5110	910R2, 901V2, 910T2, 2520‡ 911339‡, 911370‡

‡*When locking collar is removed.*

Standard Pole

OEM Threaded Locking Collar

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Locking-Collar Pole	24"	—		5110-24-7	*
	30"	—		5110-30-7	*
	36"	—		5110-36-7	*
	42"	—		5110-42-7	*
	48"	—		5110-48-7	*
	54"	—		5110-54-7	*
2-Pin Standard Pole	24"	5100-24-1	*	—	
	36"	5100-36-1	*	—	
	48"	5100-48-1	*	—	
	54"	5100-54-1	*	—	

Incandescent Telescoping Pole Light

Stores easily in less space than a conventional All-Around light and can be removed quickly from any Attwood pole light base. Aluminum pole telescopes from 26-inches to 42-inches. Provides 2-mile, 360º illumination for boats up to 65.6 ft. (20 m). Includes 12-watt lamp.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

2 NM
USCG

5610

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Telescoping Pole Lights	26" - 42"	—		5610-48-7	*
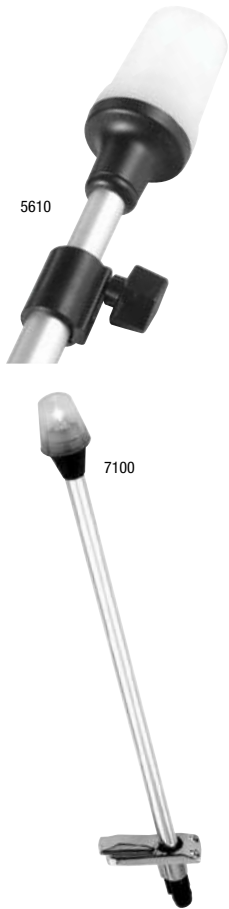
Incandescent Stowaway Light with Plug-In Base

Swivel cover on base protects the socket when light is stowed. Base extends just 3-inches below deck. 4-inch L x 1-5/8-inch W x 1-3/8 inch-dia. Provides 2-mile, 360º illumination for boats up to 65.6 ft. (20 m). Includes 911339 base and 9-watt wedge-base lamp. Three countersunk holes for #10 fasteners.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

2 NM
USCG

7100

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin Standard Pole with 911339 Base	24"	—		7100A7	*
	30"	—		7100B7	*
	36"	—		7100C7	*

LIGHTARMOR™
PLUG-IN BASES

LIGHT ARMOR Plug-In Light Bases are designed for premium performance, durability, and attractive styling that helps them stand out. This combination of intelligent design and engineering make them worthy of the Light Armor name.

They're a Sure Fit
The threaded design feature fits perfectly with the threaded locking collar now offered across the entire line of Attwood pole lights. This unique system ensures a tight and secure fit that prevents annoying rattling while underway or trailering.

Plenty of Style Choices
The upgraded styling and appearance comes in three popular shapes and a range of material finishes, including Composite, 316 Stainless Steel, and Stainless Steel Overmold, that are sure to appeal to everyone.

Other Key Features
• Unique cover design ensures that the cover stays in place

• Low-profile prevents water from pooling on the top surface

• 2-and 3-pin options

Aftermarket packaging includes an OEM Threaded Locking Collar to retrofit existing pole lights.

LIGHTARMOR™
PLUG-IN BASES

910V SERIES: RECTANGLE

910R SERIES: ROUND

910T SERIES: TEARDROP

LIGHTARMOR™
910V Series Rectangle Base

Classic rectangle design is available in Black Composite and 316 Stainless Steel.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Light Base	Use with Pole Light
910V2	**LED Anti-Glare:** 5530 and 5540 Series **Bi-Color:** NV6LC1, 5092, and 5091 Series **Frosted Globe:** 5110 Series **Anti-Glare:** 5310, 5320, 5330, and 5340 Series
910V3	**Bi-Color:** NV6LC2 and 5095 Series

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-PIN LIGHT BASE				
Black Composite Cover	910V2PB-1	*	910V2PB-7	*
316 Stainless Steel	910V2SS-1	*	910V2SS-7	*
3-PIN LIGHT BASE				
Black Composite Cover	910V3PB-1	*	910V3PB-7	*
316 Stainless Steel	910V3SS-1	*	910V3SS-7	*

910V2PB

910V2SS

LIGHT**ARMOR**™
910R Series Round Base

Round base is available in Black Composite,
and 306 Stainless Steel Overmold (black and white).

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Light Base	Use with Pole Light
910R2	**LED Anti-Glare:** 5530 and 5540 Series **Bi-Color:** NV6LC1, 5092, and 5091 Series **Frosted Globe:** 5110 Series **Anti-Glare:** 5310, 5320, 5330, and 5340 Series
910R3	**Bi-Color:** NV6LC2 and 5095 Series

910R2PB

910R2PSB

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-PIN LIGHT BASE				
Black Composite Cover	910R2PB-1	*	910R2PB-7	*
Overmold 306 Stainless Steel Black Cover	910R2PSB-1	*	910R2PSB-7	*
Overmold 306 Stainless Steel White Cover	910R2PSW-1	*	—	
3-PIN LIGHT BASE				
Black Composite Cover	910R3PB-1	*	910R3PB-7	*
Overmold 306 Stainless Steel Black Cover	910R3PSB-1	*	910R3PSB-7	*
Overmold 306 Stainless Steel White Cover	910R3PSW-1	*	—	

LIGHT**ARMOR**™
910T Series Teardrop Base

Elegant teardrop base is available in Black Composite,
and 306 Stainless Steel Overmold (black and white).

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Light Base	Use with Pole Light
910T2	**LED Anti-Glare:** 5530 and 5540 Series **Bi-Color:** NV6LC1, 5092, and 5091 Series **Frosted Globe:** 5110 Series **Anti-Glare:** 5310, 5320, 5330, and 5340 Series
910T3	**Bi-Color:** NV6LC2 and 5095 Series

910T2PB

910T2PSB

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-PIN LIGHT BASE				
Black Composite Cover	910T2PB-1	*	910T2PB-7	*
Overmold 306 Stainless Steel Black Cover	910T2PSB-1	*	910T2PSB-7	*
Overmold 306 Stainless Steel White Cover	910T2PSW-1	*	—	
3-PIN LIGHT BASE				
Black Composite Cover	910T3PB-1	*	910T3PB-7	*
Overmold 306 Stainless Steel Black Cover	910T3PSB-1	*	910T3PSB-7	*
Overmold 306 Stainless Steel White Cover	910T3PSW-1	*	—	

Square 2-Pin Base for Straight Poles

2-pin base for traditional-style Attwood pole lights, constructed of nylon. Hinged cover snaps closed to keep dirt and water out when light is stowed. Socket is keyed to prevent incorrect insertion of pole lights. Four countersunk holes for installation of fasteners. Includes 7-1/2-inch hard wire leads for connection to 12-volt DC power supply.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
* **Dimensions:** 2-1/4-inches x 1-3/4-inches. 1-1/4-inch diameter installation hole size.
* Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
* Wire leads are tinned for corrosion-resistance.

Light Base	Use with Pole Light		
911370	**LED Anti-Glare:** 5570 Series **Bi-Color:** 5091 Series **Frosted Globe:** 5100 Series **Anti-Glare:** 5300 Series		

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin, Black	911370-1	*	—	

For Use with Standard Pole

911370, 911445

Vertical Mount with Pin Contacts for Straight Poles

Can be mounted on flat windshield frame and includes a "V" adapter for mounting on angled windshield frame. Also for use as a transom mount in open utility boats. Black plastic with hinged lid that closes to keep dirt and water out when stowed away. Two holes for #8 screws. Includes 7-1/2-inch hard wire leads for connection to 12-volt DC power supply.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
* **Dimensions:** 4-1/4-inches x 1-1/2-inches x 1-1/8-inches.
* Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
* Wire leads are tinned for corrosion-resistance.

Light Base	Use with Pole Light		
911370	**LED Anti-Glare:** 5570 Series **Bi-Color:** 5091 Series **Frosted Globe:** 5100 Series **Anti-Glare:** 5300 Series		

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin, Black	911490-1	*	—	

911490

For Use with Standard Pole

Oval 2-Pin Base for Angled Pole

This resilient 2-pin base is used for angled pole lights with locking-collars. Ideal for installation in close quarters, such as narrow gunwales or deck areas. Narrow base has a soft rubber cover with a gasket to seal the socket.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
* Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
* Wire leads are tinned for corrosion-resistance.

Light Base	Use with Pole Light		
91022	**Frosted Globe:** 5110 Series **Anti-Glare:** 5310, 5330 and 5340 Series **LED Anti-Glare:** 5530 and 5540 Series **Bi-Color:** 5091 Series		

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin, Black	91022-1	*	91022-7	*

91022

For Use with Locking-Collar Pole

Rectangle 2-Pin Base for 12° Angled Pole

Swivel cover protects the socket when light is stowed away. Socket is keyed to prevent incorrect insertion of pole light. Three countersunk holes for installation fasteners. Includes 7-1/2-inch hard wire leads for connection to 12-volt DC power supply.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
* **Dimensions:** 4-inches x 1-5/8-inches. 1-3/8-inch dia. installation hole size.
* Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
* Wire leads are tinned for corrosion-resistance.

Light Base	Use with Pole Light		
911339	**Frosted Globe:** 5110 Series **Anti-Glare:** 5300 Series **Bi-Color:** 5091 Series		

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-Pin, ZAMAK	911339-1	*	911339-7	*

For Use with Standard Pole

911339

![LED] ALL-ROUND FOLD-DOWN LIGHTS
WITH **LIGHTARMOR**™ BASES

All Attwood All-Round Fold-Down Navigation Lights include a durable, easy-to-use, easy-to-install, LightArmor™ Fold-Down Base.

- Robust design provides easy, single-handed cam-lock operation
- Built to last in harsh marine environments

LIGHTARMOR™
ZAMAK Base

LIGHTARMOR™
Stainless Steel Base

LIGHTARMOR™
Black Composite Base

HORIZONTAL MOUNT

VERTICAL MOUNT
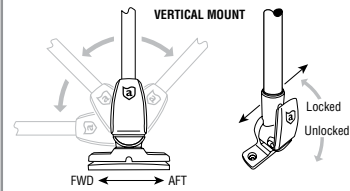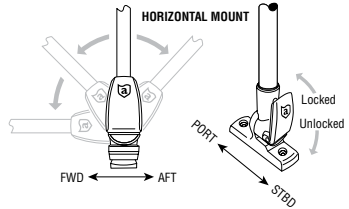
LIGHTARMOR™ All-Round
Fold Down Navigation Lights

2 NM
USCG

- USCG certified
- Provides 2-mile, 360°, illumination for boats up to 39.4 ft. (12m)
- Operating range = 10.5 VDC - 14.4 VDC
- LightArmor™ All-Round navigation light engine
- 30% lighter light engine than earlier Attwood all-round lights
- Exclusive condensation management increases visibility
- Exclusive anti-glare engine preserves night vision

- Shock-, corrosion-and water-proof electronics
- Durable, anodized aluminum pole
- Articulating head for use in all applications
- Includes new LightArmor™ Fold-Down Base
- Over 50,000 hour life

  * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

**LED Articulating
Anti-Glare**

Draws 20% less power
than traditional
all-round lights

5550 Series

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
LED ANTI-GLARE LIGHTS					
ZAMAK base–Horizontal Mount	12" Aluminum Pole	5550-12Z1	*	—	
	24" Aluminum Pole	5550-24Z1	*	—	
	30" Aluminum Pole	5550-30Z1	*	—	
	36" Aluminum Pole	5550-36Z1	*	—	
Stainless steel base–Horizontal Mount	12" Aluminum Pole	5550-S12-1	*	—	
	18" Aluminum Pole	5550-S18-1	*	—	
	24" Aluminum Pole	5550-S24-1	*	—	
	30" Aluminum Pole	5550-S30-1	*	—	
	36" Aluminum Pole	5550-S36-1	*	—	
	42" Aluminum Pole	5550-S42-1	*	—	
Composite base; Black–Horizontal Mount	12" Aluminum Pole	5550-P12-1	*	—	
	20" Aluminum Pole	5550-P20-1	*	—	
	24" Aluminum Pole	5550-P24-1	*	—	
Composite base; Black–Horizontal Mount with Adaptor	12" Aluminum Pole	—		5557-P12A7▫	*
	12" Plastic; Black Pole	—		5558-P12A7▫	*
	20" Aluminum Pole	—		5550-PA20-7▫	*
Composite base; Black Vertical Mount	12" Aluminum Pole	5551-P12-1	*	—	
Composite base; Black–Vertical Mount with Adaptor	20" Aluminum Pole	—		5551-PA20-7▫	*
ALL-ROUND ADAPTOR					
Rail Mount Adaptor, Black Composite		913670-1	*	—	
Rail Mount Adaptor, Stainless Steel		913671-1	*	—	
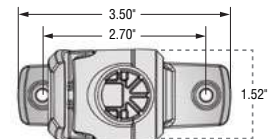
913670
913671
ZAMAK BASE
Mounting Pad
1.93" 1.37"
1.06"
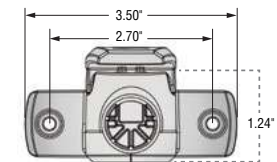
▫ *All Aftermarket Packaged lights include
Rail Mount Adaptor*

HORIZONTAL COMPOSITE BASE
3.50"
2.70"
1.52"

VERTICAL COMPOSITE BASE
3.50"
2.70"
1.24"
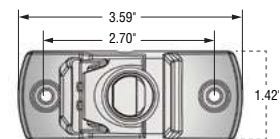
STAINLESS STEEL BASE
3.59"
2.70"
1.42"

Incandescent All-Round Fold-Down Lights With Bases LIGHTARMOR™

All Attwood All-Round Fold-Down Navigation Lights include a new durable, easy-to-use, easy-to-install, LightArmor™ Fold-Down Base.

- Robust design provides easy, single-handed cam-lock operation
- Built to last in harsh marine environments

LIGHTARMOR™ ZAMAK Base

LIGHTARMOR™ Stainless Steel Base

LIGHTARMOR™ Black Composite Base

HORIZONTAL MOUNT

Locked / Unlocked

FWD ◄─► AFT / PORT / STBD

VERTICAL MOUNT

Locked / Unlocked

FWD ◄─► AFT
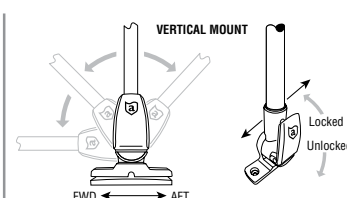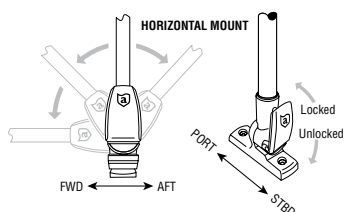
- Provides 2-mile, 360º, illumination for boats up to 39.4 ft. (12m)
- Incandescent All-Round navigation light engine
- Shock-, corrosion-and water-proof electronics
- Durable, anodized aluminum pole
- Anti-glare lens preserves night vision

- USCG certified
- Assembled with Attwood's new LIGHTARMOR™ bases
- Black composite cam-lock base
- Stainless steel cam-lock base
- Zamak knob-style base

2 NM USCG

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Frosted Globe
Include 9-watt wedge base lamp.
5100 Series

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
GLOBE STYLE LIGHTS					
Composite Base; Black–Horizontal Mount	12" Aluminum	5120-P12-1	*	—	
ZAMAK Base–Horizontal Mount	36" Aluminum	5120-36Z1	*	—	
ANTI-GLARE LIGHTS					
ZAMAK Base–Horizontal Mount	24" Aluminum	5350-24Z1	*	—	
	30" Aluminum	5350-30Z1	*	—	
	36" Aluminum	5350-36Z1	*	—	
Composite Base; Black–Horizontal Mount with Adaptor	12" Aluminum	—		5350-PA12-7▫	*
	12" Black Plastic	—		5358-P12-7▫	*
	20" Aluminum	—		5350-PA20-7▫	*
Composite Base; Black–Vertical Mount	12" Aluminum	5351-P12-1	*	—	
ANTI-GLARE LIGHTS					
Rail Mount Adaptor, Black Composite		913670-1	*	—	
Rail Mount Adaptor, Stainless Steel		913671-1	*	—	

Articulating Anti-Glare
Include 9-watt wedge base lamp.
5350 Series

913670

913671

1.93"   1.37"

ZAMAK BASE

Mounting Pad
1.06"

3.50"
2.70"
1.52"

HORIZONTAL COMPOSITE BASE

3.50"
2.70"
1.24"

VERTICAL COMPOSITE BASE

3.59"
2.70"
1.42"
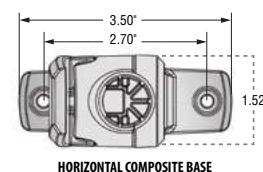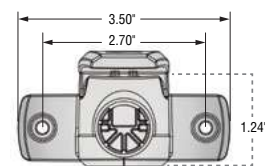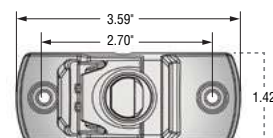
STAINLESS STEEL BASE

▫ All Aftermarket Packaged lights include Rail Mount Adaptor

Incandescent All-Round Fixed Base Pole Lights

Two-mile, 360° light visibility for use on boats up to 39.4 ft. (12 m). Fixed base for use on pontoons, hard tops, and radar arches. 2-1/2-inches long x 1-inch wide. Installs with (2) required #10 fasteners. Includes 9-watt wedge base lamp.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

2 NM
USCG

Description	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Frosted Globe Style	8" aluminum	—		5122-08-7	*

Frosted Globe

LED LIGHTARMOR™ Waketower All-Round Light

Compact size designed for installation on a wakeboard tower, radar arch, hard top, poling platform, tuna tower, or other fixed structure. Direct LED replacement for Attwood's incandescent 5940 series. For pleasure craft up to 39.4 ft (12 m).

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

• Two-mile, 360° visibility
• Fully sealed electronics
• Tab release

1.19"
1-3/4"
2-3/8"
Tab Release

2 NM
USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
6" Wire Leads	5580-1		5580A7	
12" Wire Leads, No Sleeve	5582-1	*	—	
16' Wire Leads	5581-1		—	
Replacement Base	5580-03	*	—	
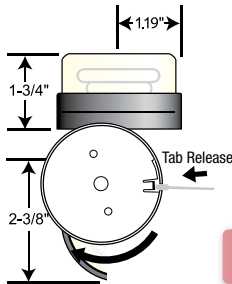
5580

5580-03

Incandescent All-Round Deck Mounted Lights

7-inch leads for connection to 12-volt DC power supply. Bayonet lock secures lens and cover to base and provides easy lamp replacement. Includes a 9-watt wedge base lamp. Installs directly to deck with two required #10 fasteners.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Raised Base
3-inch high raised base is ideal for mounting above obstructions, such as rails and hardware. Notch in rear of mounting base provides passage for wire leads.

2-9/16"
2-3/8"
3-1/8"
1"
3"
1-3/16"
2-3/8"
3/4"
1-7/16"
3/4"

Deck Mount
Light mounts flush, making it ideal for installation atop the tow piece on ski or wakeboard boat towers.

5980

2 NM
USCG

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3" Raised Base, Black	5980-1	*	—	
Deck Mount, Black	5940-1	*	5940-7	*
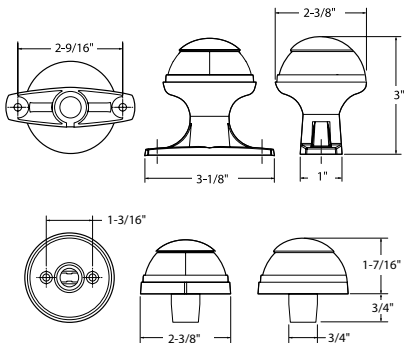
5940

![LED] **LIGHTARMOR**™
Anchor/Masthead Lights

Attwood is proud to introduce one of the most innovative navigational lighting products available today. Achieving 3NM of 360 degree visibility, while drawing a fraction of the power of traditional incandescent lights, Attwood's 3NM LightArmor™ LED Masthead/Anchor light is one of the first of its kind. Constructed of corrosion resistant composites with stainless steel accents, this product was designed for harsh coastal marine environment.

 * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- USCG certified for boats up to 65' (20m)
- Provides 3-mile, 360° illumination
- Light Armor Anchor/Masthead navigation light engine
- Shock-, corrosion-and water-proof electronics
- Durable, anodized aluminum pole
- Includes new **LIGHTARMOR**™ Fold-Down Base
  - Cam-lock bases include integrated wire-management
  - Easy, single-handed cam-lock operation
  - Stainless steel
- Over 50,000 hour life
- 5-year warranty

3.59"
2.70"
1.42"

STAINLESS STEEL BASE

7812

3 NM
USCG

Description	Rated Voltage	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel - Horizontal Mount	12-volt	12" Aluminum	7812-S-1	*	7812-S-7	*
	12-volt	24" Aluminum	7824-S-1	*	—	
	12-volt	36" Aluminum	7836-S-1	*	—	
	12-volt	42" Aluminum	7842-S-1	*	—	
ZAMAK - Horizontal Mount	12-volt	12" Aluminum	7812Z1	*	—	

LIGHTARMOR™
Stainless Steel Horizontal Base

Incandescent Anchor/Masthead Lights

Three-mile, 360° light visibility for use on boats up to 65.6 ft. (20 meters). Assembly includes new **LIGHTARMOR**™ bases.

 * ⚠ **WARNING**   Cancer and Reproductive Harm www.P65Warnings.ca.gov *(see page 240)*

- Robust and easy to use
- Freshwater and saltwater compatible
- Simple, one-piece lens is sealed from water
- Concealed, protected wiring at the base
- Uses two festoon-style 8-watt lamps
- Typical installation requires (2) #10 stainless steel screws of length suitable for deck or rail material
- Will collapse and not break if accidentally hit

HORIZONTAL MOUNT

FWD ◄────► AFT

Locked
Unlocked
PORT
STBD

3 NM
USCG

ZAMAK base   Composite base

913671

913670
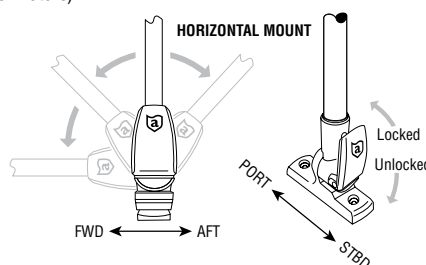
For base dimensions see page 52

Description	Base	Rated Voltage	Pole Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Horizontal Mounted with rail adaptor	Composite; Black	12-volt	12" aluminum	—		7201-P-7	*
		12-volt	20" aluminum	—		7202-P-7	*
Rail Mount Adaptor for Fold-Down light base	Black Composite	—	—	913670-1	*	—	
	Stainless Steel	—	—	913671-1	*	—	

LED 3-Mile Transom Light

For pleasure craft up to 164 ft. (50m) in length. Creating 135 degrees of light at 3-mile of visibility. A truly unique design, Attwood's transom light includes a luxurious electropolished stainless cover that is both durable and great looking. Easy-to-install surface mount design utilizes a snap feature to eliminate exposed fasteners. Three-inch diameter.

- One of the thinnest lights available– 1/2-inch height
- Compatible with both Attwood and Perko® mounting holes

3 NM
USCG

Description	Bulk Packaging	Aftermarket Packaging
Stainless Steel	6556-1	6556-7

6556

Incandescent Transom Light

Light provides 2-mile, 135° transom visibility for pleasure craft up to 164 ft. (50 m) in length. 304 stainless steel with a plastic body and watertight lamp socket. Round transom light body is translucent, so it shines on both sides of a bulkhead! Can be used to light an interior compartment and may also be used as a cockpit courtesy light. Rubber gasket seals lens and body to mounting surface. Includes (2) stainless steel #10 screws.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- 7.5 watts at 12-volt DC
- Vertical, flush mount
- Patented design

2 NM
USCG

Description	Dimensions	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Round	3" dia.	—		6356D7	
Rectangular	4-11/16"L x 2-11/16"H x 2"D	—		66382-7	*

6356D

66382

BATTERY OPERATED LIGHTS

For nighttime operation of small boats and tenders without 12-volt electrical systems. These lights are not intended to meet U.S. Coast Guard regulations. Not for use on boats that can exceed speeds of seven knots.

LED ## Portable Navigation Light Kit

Be seen and be safe with these compact and portable LED navigation lights. All new portable navigation lights are more durable, easier to use, and include Attwood's strongest mounting and pole configurations. Ideal for personal water craft, camping, and hunting. Kit includes red/green LED bow light, white LED stern light, quick-release mounts, pole, and hardware.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Water-resistant bow and stern navigation lights
- Attwood's most durable, portable LED navigation light engines
- Sealed electronics, built to last in harsh conditions
- Sealed, shock-proof composite housing
- Shatter-proof polycarbonate lens
- 150+ hour run-time on three AAA batteries (not included)
- New telescoping and threaded poles
- New heavy-duty C-clamp and kayak pad mounting options

Description	Finish	Pole Style	Mounting Style	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Clamp-On LED Light Kit	Marine Gray	Threaded	C-Clamp	—		14190-7	*
	Real Tree® Max-5 Camouflage	Threaded	C-Clamp	—		14191-7	
	Marine Gray	Telescoping	C-Clamp	—		14194-7	*
	Real Tree® Max-5 Camouflage	Telescoping	C-Clamp	—		14195-7	*
Deck Mount LED Light Kit	Marine Gray	Telescoping	Optional screw-down or adhesive pad	—		14192-7	*
	Real Tree® Max-5 Camouflage	Telescoping	Optional screw-down or adhesive pad	—		14193-7	*
All-Craft Portable Navigation Light Kit	Marine Gray	Threaded	C-Clamp, screw-down or adhesive pad	—		14196-7	*
	Real Tree® Max-5 Camouflage	Threaded	C-Clamp, screw-down or adhesive pad	—		14197-7	*

LED ## Multi-Function Sport Light

Durable, water-resistant, multi-purpose light can be used as a bright 300 fixture lumen flood light or 50 lumen red beam for improved night vision. Also has a UV mode for charging fishing lures and line. Ideal for fishing, boating, hunting, camping and more. Features four mounting options and 360° rotation. Includes an adapter for use with Attwood rod holder mount. Requires six AA batteries (not included).

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Multi-Purpose Light, marine gray	—		14185XFS-7	*
Multi-Purpose Light, camouflage	—		14187XFS-7	*

STERN
BOW
14190

STERN
BOW
14191
REALTREE MAX-5

14196

14185XFS-7

REALTREE MAX-5
14187XFS-7

LED Docking Lights

- Light draws a fraction of the power while producing a brighter output. 5 watts at 12-volt DC each. Transmits light in a much broader pattern as opposed to a narrow beam generated by today's competitors.

- At less than 1-inch thick, the lights are designed to be mounted directly to the surface of the hull with only a small hole for wiring. Requires (3) #8 stainless steel Phillips Head screws (not included).

- Attwood LED technology keeps the light cool to the touch.

- Backed by a 5-year warranty, Attwood's LED docking lights are designed with the most extreme conditions in mind. Attwood uses only the highest grade stainless and aluminum components to ensure the product will be resistant to corrosion.

- To ensure the light is watertight, all electrical components are fully sealed.

- Attwood's simple one-piece cover allows for the ultimate in customization.

- 4-inch lead wires

Attwood LED Docking Light vs. Halogen Current Draw (Amps)
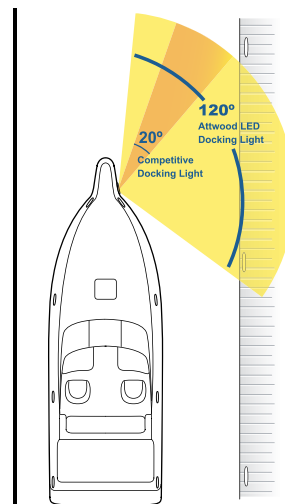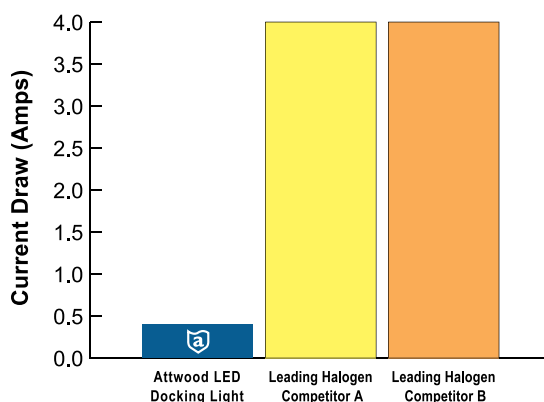
* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel Bezel, White LED, Pair	4-1/8" H x 8-1/8" W x 3/4" D	6521SS1	*	—	
Stainess Steel Bezel, White LED, Pair	1.2" H x 4.5" W x 2.8" D	6522SS1	*	6522SS7	*
Black Powder Coat Bezel, White LED, Pair	1.2" H x 4.5" W x 2.8" D	6523BK1	*	6523BK7	*

6521SS

6522SS   6523BK

LIGHTARMOR™
Underwater Lights

Introducing LightArmor™ Underwater Lights from Attwood, a new line of premium surface-mount LED lights that are engineered to be the brightest and most durable lights in the industry. Like all LightArmor™ products, they're technically advanced, built to perform in the harshest marine environments, and backed by an industry-leading 5-year warranty.

- 12- and 24-volt DC systems
- Intelligently engineered for strength and durability
- Exclusive Heat-Sync Cooling System with Active Overheat Protection
- Resistant to corrosion, chemicals, and UV damage
- Extreme impact-resistant lens
- 3 ft. sheathed wire
- Reverse polarity protection
- Fully-sealed waterproof electronics
- Simple installation with minimal mounting hardware
- Low-profile design
- Electro-polished 316 stainless steel cover (Optional for OEM)
- CE certified

Three popular sizes - 4.0-inch, 5.0-inch, 6.0-inch

Three vibrant colors - Sapphire Blue, Intense White, Tactical Green

Two performance levels - High Performance (HP), Extreme High Performance (HPX)

Note: All Light Armor Underwater lights MUST BE MOUNTED UNDER WATER LINE. Only work underwater.

Outshining the Competition.

LIGHTARMOR™ Underwater Lights are the brightest on the market.

LIGHT ARMOR 80°
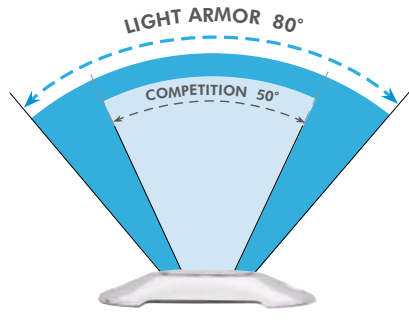
COMPETITION 50°

Projection Intensity vs. Competitor

Resistant to corrosion, chemicals, and UV damage

Extreme impact-resistant lens

3' sheathed wire

Reverse polarity protection

Fully-sealed waterproof electronics

Simple installation with minimal mounting hardware

Low-profile design

Heat sink cooling system with active overheat protection

Electro-polished 316 stainless steel cover
(included in retail packaging; installation optional)

LIGHTARMOR™
UNDERWATER Lights

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

NOTE: Bulk packaging **does not** include covers and aftermarket packaging **does** include covers.

Description	Color	Fixture Lumens*	Current Draw at 13.6- Volts	Current Draw at 24 Volts	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
High Performance (HP)								
4.0 HP - 4" length, 3 LED	Sapphire Blue	800	0.32	0.16	65UW03B-1	*	65UW03B-7	*
	Tactical Green		0.36	0.18	—		65UW03G-7	*
	Intense White		0.64	0.32	65UW03W-1	*	65UW03W-7	*
5.0 HP - 5" length, 6 LED	Sapphire Blue	1,350	0.66	0.33	—		65UW06B-7	*
	Tactical Green		0.71	0.36	—		65UW06G-7	*
	Intense White		1.26	0.63	—		65UW06W-7	*
6.0 HP - 6" length, 12 LED	Sapphire Blue	1,650	1.32	0.66	65UW12B-1	*	65UW12B-7	*
	Intense White		2.52	1.26	—		65UW12W-7	*
Extreme High Performance (HPX)								
4.0 HPX - 4" length, 3 LED	Sapphire Blue	1,350	0.64	0.32	—		66UW03B-7	*
5.0 HPX - 5" length, 6 LED	Sapphire Blue	2,750	1.30	0.65	66UW06B-1	*	66UW06B-7	*
	Tactical Green		1.40	0.70	66UW06G-1	*	66UW06G-7	*
	Intense White		2.46	1.23	66UW06W-1	*	—	
6.0 HPX - 6" length, 12 LED	Sapphire Blue	5,000	2.59	1.30	66UW12B-1	*	66UW12B-7	*
	Intense White		4.50	2.25	66UW12W-1	*	66UW12W-7	*
Optional Covers - For OEM only *(Aftermarket packaged product includes 316 Stainless Steel Cover)*								
4.0 HP/HPX Cover *D*	Stainless Steel				65UW03CVSS-1	*	—	
5.0 HP/HPX Cover	Stainless Steel				65UW06CVSS-1	*	—	
6.0 HP/HPX Cover	Stainless Steel				65UW12CVSS-1	*	—	

Sapphire Blue
65UW03B

Tactical Green
65UW03G

Intense White
65UW03W

DIMENSIONS

Model	Color	Length (A)	Width (B)	Distance Between Mounting Holes (C)	Diameter of Wiring Hole (D)	Installed Product Height (E)	Wire Collar Depth (F)
4.0 HP	Sapphire Blue	4.00"		3.25"			
	Tactical Green						
	Intense White						
4.0 HPX	Sapphire Blue		2.15"				
	Tactical Green						
	Intense White						
5.0 HP	Sapphire Blue	5.00"		4.25"	.56"	.56" (9/16")	.30"
	Tactical Green						
	Intense White						
5.0 HPX	Sapphire Blue						
	Tactical Green						
	Intense White						
6.0 HP	Sapphire Blue	6.00"	2.35"	5.25"			
	Tactical Green						
	Intense White						
6.0 HPX	Sapphire Blue						
	Tactical Green						
	Intense White						
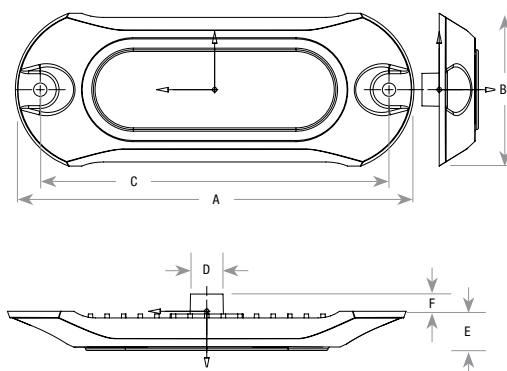
LED Underwater Lights, 3-Inch Series

Lights are 3/4-inch wide and are perfect for surface mounting on rails, transoms, and swim platforms.These LED lights exceed the output of comparable halogen lights, while using 20% of the power. Lights stay cool to the touch and eliminate the burn hazard that halogen lighting can present. Fully potted electronics and stainless steel housing allow for interior and exterior mounting – even underwater! Rated for 50,000+ hours of life.

* ⚠ **WARNING** Cancer and Reproductive Harm– www.P65Warnings.ca.gov *(see page 240)*

- 1.5 watts at 12-volt DC

Description	LED Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Horizontal Mount	White	—		6343SS7	*
Vertical Mount	White	6344SS1	*	—	

6343

.86"
2.25"

.7"
2.25"

.63"
2.9"

.63"
2.95"
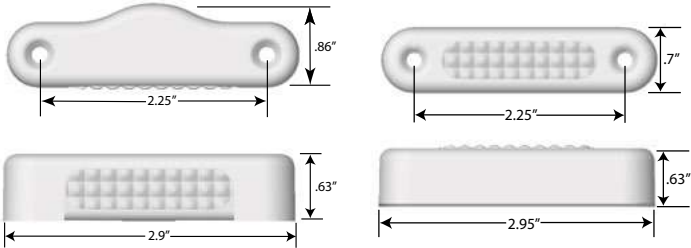
LED UTILITY LIGHTS
INTERIOR/EXTERIOR

LED Round
Interior / Exterior Lights

These LED lights exceed the output of comparable halogen lights while using 20% of the power. Lights stay cool to the touch and eliminate the burn hazard that halogen lighting can present. Fully potted electronics and stainless steel housing allow for interior and exterior mounting. Rated for 50,000+ hours of life. Additional LED colors and bezel finishes are available upon request.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

For 12-volt DC systems

• Easy installation with minimal intrusion
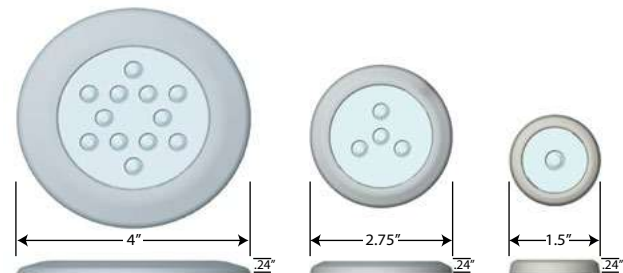
Description	LED Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4" ROUND INTERIOR LIGHT, 3 WATTS @ 12 VDC					
Stainless Steel Bezel	White	6340SS1	*	6340SS7	*
	Warm White + Red	6348SS1	*	—	
Satin Nickel Finish	Warm White	6345SN1	*	—	
2.75" ROUND INTERIOR LIGHT, 1.8 WATTS @ 12 VDC					
Stainless Steel Bezel White	White	—		6341SS7	*
	Warm White	6346SS1	*	—	
Black Plastic Bezel	White	6320B1	*	—	
	Amber	6321B1	*	—	
White Plastic Bezel	White	6320W1	*	6320W7	*
	Blue	6323W1	*	6323W7	*
1.5" ROUND COURTESY LIGHT, 1.1 WATTS @ 12 VDC					
Stainless Steel Bezel	White	6342SS1	*	6342SS7	*

6340SS

6341SS

6320W

6320B

6342

LED Mini Courtesy Lights

Attwood's 1-inch Mini LED Courtesy Lights offer excellent performance in an affordable package. Designed to be installed with just a hole saw, the Mini's rubber grommet eliminates fasteners and allows for quick and easy installation. Comes with fully sealed electronics; performs in almost any interior or exterior application.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
• Compact   • Water-and shock-resistant   • 50,000 hours of life

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Rubber Grommet, Black	White	6317-1	*	—	
	Blue	6319-1	*	—	

6317

LED Micro Lights

Industry leading light output in an extremely compact package. With electropolished stainless covers and fully sealed electronics. Attwood Micro Lights perform through the harshest conditions. Can be used in rod storage boxes without risk of water damage, under hardtops, or even mounted to rails.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
• .66 watts at 12-volt DC

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel Bezel, Vertical Mount	White	6350W1	*	6350W7	*
	Blue	6350B1	*	6350B7	*
Stainless Steel Bezel, Horizontal Mount	White	6351W1	*	—	
	Blue	6351B1	*	—	
	Green	6351G1	*	—	

.5" 1.25" .5" 1.63" .56" 1.25" .44" 1.63"
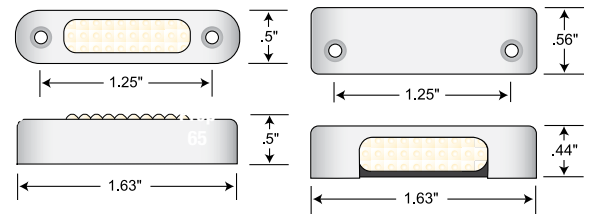
6350

LED Utility Lights

These versatile, surface-mount LED Utility Lights put bright light where you need it.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
• Water-resistant
• 12-VDC
• Less than 1 Amp draw

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4" Utility Light, 6 white LED's	—		6355W7	
6" Utility Light, 12 white LED's	—		6354W7	*
8" Utility Light, 18 white LED's	—		6353W7	*
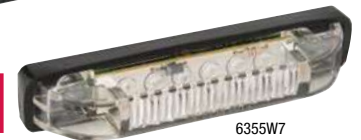
6353W7   6354W7   6355W7

ACCESSORIES: NAVIGATION LIGHT REPLACEMENT PARTS

QUASAR

Quick-Connect Snap-On Bases

This ingenious base makes Quasar sidelights even easier to install and maintain! Base is 1/4-inch high, designed for contoured decks. Base attaches to the deck with screws, then the Quasar light simply snaps on or off.

Quasar lights are listed on page 34.

Description		Bulk Packaging	Aftermarket Packaging
Snap-on base, 1/4" high	Black	**3300-1**	—

3300
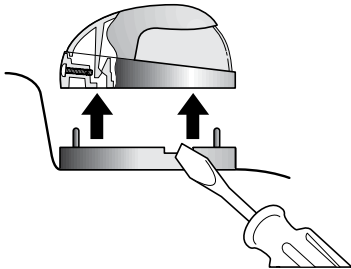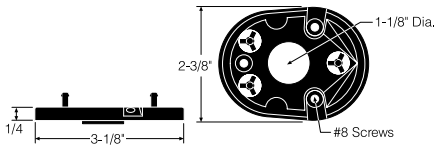
Pole Light Storage Clips

New design holds larger (3/4-inch) diameter anti-glare pole lights. Resilient plastic clip holds standard 3/4-inch-diameter poles. Ideal for storing and protecting plug-in pole lights when mounted in engine wells or lockers. Installs with one #8 fastener.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Dimensions	Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2" L x 1-1/2" H	Black	**7571-1**	*	**7571L7**	*

7571

FUEL

EPA CERTIFIED PORTABLE FUEL SYSTEMS
YOUR COMPREHENSIVE TANK-TO-ENGINE SOLUTION

As a result of EPA regulations to reduce evaporative emissions, portable fuel systems are now manufactured to prevent fuel vapor from escaping into the atmosphere. These EPA compliant systems are sealed and unable to vent as in the past, causing pressure build up in the tank that rarely occurred prior to these regulations.

In addition, each component within the system adds potential restriction to fuel flow. As fuel restriction levels rise, engine performance is affected. In some cases, complete failure can occur.

Attwood's EPA Certified Portable Fuel System components are designed specifically to handle the problems caused by pressure build-up and fuel restriction inherent in today's closed EPA compliant systems.

With Attwood's systems, your engine will perform properly and valuable fuel will stay in the tank where it belongs. Attwood's systems were developed, with leading engine manufacturers, to ensure optimum, reliable performance on the water. That's the performance you'd expect from the industry leader in marine fuel systems and accessories.

EPA CERTIFIED · MEETS ALL APPLICABLE EPA REGULATIONS

CARB APPROVED

ATTWOOD HAS ENGINEERED THE INDUSTRY'S ONLY COMPREHENSIVE EPA CERTIFIED FUEL TANK-TO-ENGINE SOLUTION.

FUEL

UNIVERSAL SPRAYLESS CONNECTOR (USC)

MULTI-LAYER PRIMER BULB

MULTI-LAYER FUEL TANK

FUEL DEMAND VALVE (FDV)

FUEL LINE KIT
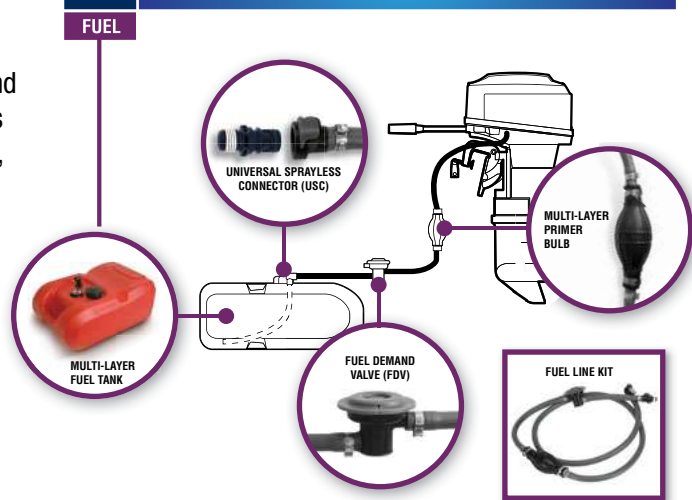
EPA CERTIFIED PORTABLE FUEL TANKS

Attwood fuel tanks are tested to meet EPA, CARB and ABYC/NMMA requirements for portable marine fuel tanks. The tanks have industry leading fuel flow performance and are designed and manufactured for safety and durability in harsh marine conditions.

- Proven automotive-grade multi-layer construction withstands the pressure build-up associated with closed systems
- Engineered for harsh conditions, temperature extremes and abuse
- Injection molded interfaces eliminate leaks
- Automatic vacuum valve in cap eliminates the need for manual vent
- Compatible with ¼'' NPT fuel fittings
- Built-in 5% ullage for fuel expansion

High-strength ¼'' NPT universal pick-up tube
Compatible with all marine and off-road engines

Available with easy-to-read gauge

High-strength ergonomic handle

Injection molded interfaces ensure leak proof performance

Tethered/ratcheting cap with high-flow automatic vacuum valve

Built-in strap channel

Additional capacity for fuel additives

Automotive-Grade Construction

TANK INTERIOR

Virgin HDPE
Adhesive
EVOH
Adhesive
Regrind
Virgin HDPE

TANK EXTERIOR

PORTABLE FUEL TANKS

EPA Certified multi-layer tank with industry leading fuel flow performance. Designed around the EPA and California Air Resources Board (CARB) regulations. Features an ergonomic design, an optional gauge and a tethered self sealing cap with audible click.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Automatic Vacuum Valve ensures proper fuel flow and eliminates the need for manual vent and operator adjustment
- Low-permeation tank virtually eliminates fuel evaporation and fuel loss
- Compatible with 1/4" NPT fuel fittings
- Ethanol and alcohol compatible
- EPA & CARB Certified

3-Gallon Fuel Tanks

EPA/CARB COMPLIANT 3-gallon fuel tank is perfect for use with small outboards.

Description	Dimensions Length Width Height	Aftermarket Packaging	Prop 65
3-gallon, without gauge	16.6" x 11.45" x 7.3"	**8803LP2**	*
3-gallon, with gauge	16.6" x 11.45" x 7.3"	**8803LPG2**	*
3-gallon, without gauge, single-pack	16.6" x 11.45" x 7.3"	**8803LP2S**	*
3-gallon, with gauge, single-pack	16.6" x 11.45" x 7.3"	**8803LPG2S**	*

6-Gallon Fuel Tanks

EPA/CARB COMPLIANT 6-gallon fuel tank adapts to virtually any outboard engine.

Description	Dimensions Length Width Height	Aftermarket Packaging	Prop 65
6-gallon, without gauge	19.82" x 13.50" x 9.16"	**8806LP2**	*
6-gallon, with gauge	19.82" x 13.50" x 9.16"	**8806LPG2**	*
6-gallon, without gauge, single-pack	19.82" x 13.50" x 9.16"	**8806LP2S**	*
6-gallon, with gauge, single-pack	19.82" x 13.50" x 9.16"	**8806LPG2S**	*

12-Gallon Fuel Tanks

EPA/CARB COMPLIANT 12-gallon fuel tank is ideal for pontoon boats where more fuel capacity is needed.

Description	Dimensions Length Width Height	Aftermarket Packaging	Prop 65
12-gallon, without gauge	22.75" x 14.25" x 14.47"	**8812LP2**	*
12-gallon, with gauge	22.75" x 14.25" x 14.47"	**8812LPG2**	*
12-gallon, low-profile, without gauge*	24.00" x 18.00" x 11.61"	**8812LLP2**	*
12-gallon, low-profile, with gauge*	24.00" x 18.00" x 11.61"	**8812LLPG2**	*

Attwood fuel tank gauges are easy-to-read, accurate and durable.

8803LP

8803LPG

8806LP

8806LPG

8812LP

8812LLPG

8812LPG

PRIMER BULBS

Attwood's multi-layer primer bulbs provide the absolute best combination of performance, reliability, safety and compliance to ensure your experience on the water is easier and safer to enjoy. Our exclusive three-layer design resists collapsing and hardening and ensures high output in temperatures ranging from 18°F to 122°F. Includes high-efficiency check valves with Viton O-rings for improved sealing. Assembled with the same components as Mercury and Quicksilver.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Exclusive three-layer construction provides the best spring-back during priming and excellent resistance to collapse during high-flow engine operation

- Premium materials give the absolute best combination of performance and reliability:
  - No cracking/hardening over time
  - Low permeation for EPA/CARB compliance
  - Excellent priming in extreme cold and hot environments
  - Zero chance of material delamination as seen by some competitor's products

- New high-performance check valve O-rings provide 30% improved priming while keeping optimized flow during engine use (20 to 35% better than spring-loaded designs)

- EPA and CARB certified

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/8" I.D. Hose	—		93038LP7	*
5/16" I.D. Hose	—		93516LP7	*
1/4" I.D. Hose	—		93014LP7	*

Tough multi-layer construction resists collapse

Middle layer prevents fuel evaporation

Inner layer prevents collapse

Outer layer prevents ballooning and bursting
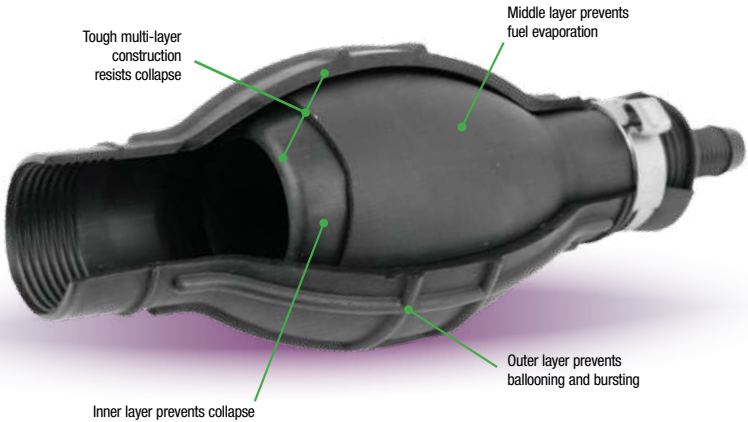
Engineered hose barbs for leak-free performance

93516LP
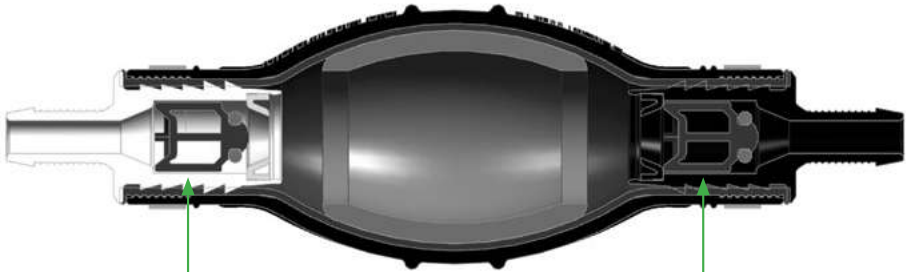
New, high-performance check valves with O-Rings provide 30% faster priming during start-up and high flow when running (20 to 35% better than spring-loaded designs)

FUEL DEMAND VALVE

Attwood's exclusive Fuel Demand Valve eliminates engine flooding and spillage by preventing pressurized fuel from reaching the engine. The valve ensures that fuel is supplied to the engine only when demanded during start up or engine operation. Designed in partnership with OEM engine manufacturers, Attwood's Fuel Demand Valve is compatible with all OEM engine brands.

- Prevents engine flooding and fuel spillage due to pressurized fuel
- Allows only the amount of fuel requested by the engine and prevents a pressurized "slug" of fuel from reaching engine
- Made of high-strength composite material designed to withstand the harsh marine environment
- Compatible with 3/8" and 5/16" fuel hose
- Installs between the fuel tank and the primer bulb
- Low vacuum restriction helps ensure proper engine function during startup and engine operation (less than 2kPa at 125 liters/hour)
- Built-in manual override
- Compatible with Ethanol blended fuels

9300FDV

Manual override

Specifications

Operating Temp	Storage Temp	Operating Input Pressure	Flow Performance	Hose Size	Manual Override
-20˚C to 80˚C (-4˚F to 176˚F)	-40˚C to 80˚C (-40˚F to 176˚F)	138 kPa (20 psi) protected for 276 kPa	125 L/H (33 GPH) at <2 kPa (10"	8 mm – 10 mm (5/16" – 3/8")	Yes

Description	Bulk Packaging	Aftermarket Packaging
In-Line Fuel Demand Valve	8M0044687	9300FDV7

FUEL DEMAND VALVE (FDV)

Fuel Demand Valve keeps all pressure at the fuel tank when the engine is off.
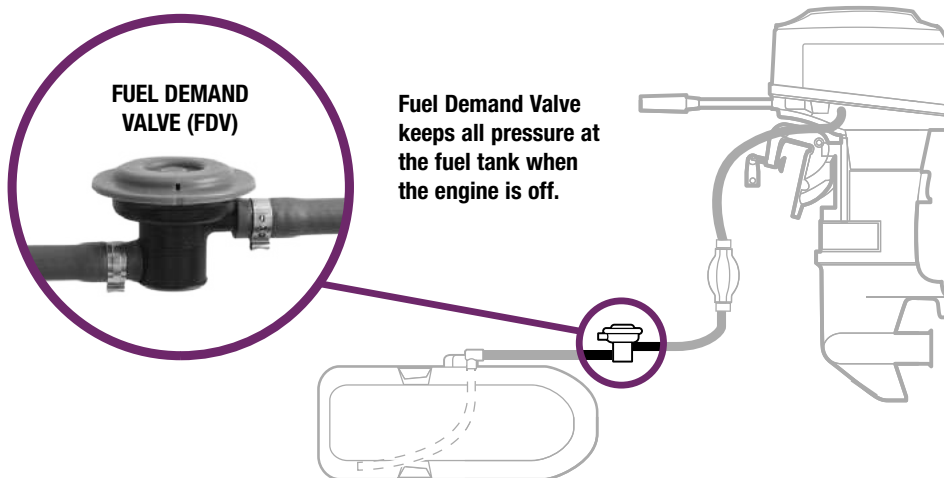
UNIVERSAL SPRAYLESS CONNECTOR (USC)

The Universal Sprayless Connector is a safe way to eliminate the spraying of fuel when connecting and disconnecting pressurized fuel hoses during fueling or maintenance. This unique component helps keep the fuel in the tank where it belongs. Includes male and female connectors for use with all standard marine fuel tanks – ¼" in (6.4 mm) NPT fittings.

* ⚠ **WARNING**   Cancer and Reproductive Harm –

www.P65Warnings. ca.gov *(see page 240)*

- Attwood's Universal Sprayless Connector replaces traditional tank fittings and eliminates spray when connecting or disconnecting fuel fittings

- High strength body engineered to withstand the harsh marine environment

- Female hose fitting compatible with 3/8" and 5/16" fuel lines

- Male fitting fits all standard 1/4" NPT fittings

- Male and female connectors include check valves that automatically close upon disconnecting

- High fuel flow fitting (less than .25kPa restriction at 50 liters/hour)

- Compatible with Ethanol blended fuels

- Compatible with all OEM brand engines

- Meets all EPA and CARB requirements

- Pre-applied fuel-grade thread sealant prevents fuel leaks

2 YEAR WARRANTY

EPA CERTIFIED · MEETS ALL APPLICABLE EPA REGULATIONS

CARB APPROVED

ELIMINATES SPRAY FROM FUEL TANK PRESSURE

WINNER OF THE 2011 IBEX INNOVATION AWARD

PRE-APPLIED FUEL-COMPATIBLE THREAD SEALANT

Single-handed operation

Tank fitting included with all EPA kits

Integrated check valves

Standard 1/4" NPT with pre-applied thread sealant

8838HF6

8838TM6

8838US6

8838HM6

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Universal Sprayless Connector – Male and Female w/Thread Sealant	—		8838US6	*
Universal Sprayless Connector – Hose Female, 5/16"–3/8"	001008200	*	8838HF6	*
Universal Sprayless Connector – Tank Male, 1/4" NPT w/Thread Sealant	001008199	*	8838TM6	*
Universal Sprayless Connector – Hose Male, 5/16"–3/8"	001011094	*	8838HM6	*

Fuel Line Kits

Attwood's low-permeation Fuel Line Kits set the standard in performance, safety and value. They include Attwood's award-winning Universal Sprayless Connector (hose and tank fittings with thread sealant), multi-layer low-permeation Primer Bulb and low-permeation fuel line. Fuel Demand Valve is optional.

- Multi-Layer Primer Bulb with new High-Performance Check Valve & O-Ring: Provides 30% faster priming during start-up and 20-35% higher running flow than competitive designs

- Ethanol Resistant Fuel Line: Eliminates inner-layer delamination seen by others

- Fuel Demand Valve (if equipped): Prevents engine flooding by restricting pressurized fuel from reaching the engine

- Universal Sprayless Tank Fitting: Enables a safe, gas-free experience at every connection

Pre-Applied Thread Sealant

Fuel Demand Valve
Eliminates engine flooding and spillage by preventing pressurized fuel from reaching the engine

Universal Sprayless Connector (USC)
Eliminates spray from fuel tank pressure when connecting and disconnecting pressurized fuel lines

ELIMINATES SPRAY FROM FUEL TANK PRESSURE

Primer Bulb
Tough multi-layer construction resists collapse and ballooning. Premium materials and new, high-performance check valves offer the best combination of performance, reliability, safety and compliance

Connections engineered for strength, durability and leak resistance

High-flow check valves ensure proper engine performance

Low-permeation hose

Multi-layer high-strength, low-permeation bulb and hose resist collapse in extreme temperatures

Fuel Line Kits

CARB APPROVED

Engine	Length	Diameter	END FITTING			Primer Bulb	Fuel Demand Valve	Aftermarket Packaging	Prop 65
			Includes Tank Fitting	Includes Hose Fitting Tank End	Includes Hose Fitting Engine End				
UNIVERSAL BRAND ENGINES AND TANKS									
Universal	6'	5/16"	None	None	None	Multi-layer / Low-Permeation	No	951606ULP7	*
Universal	6'	3/8"	8838TM6	8838HF6	None	Multi-layer / Low-Permeation	No	93806UUS7	*
Universal	6'	3/8"	8838TM6	8838HF6	None	Multi-layer / Low-Permeation	Yes	93806UUSD7	*
Universal	12'	3/8"	8838TM6	8838HF6	None	Multi-layer / Low-Permeation	No	93812UUS7	*
Universal	12'	3/8"	8838TM6	8838HF6	None	Multi-layer / Low-Permeation	Yes	93812UUSD7	*
Universal	6'	3/8"	None	None	None	Multi-layer / Low-Permeation	No	93806ULP7	*
Universal	6'	3/8"	None	None	None	Multi-layer / Low-Permeation	Yes	93806UFDV7	*
Universal	12'	3/8"	None	None	None	Multi-layer / Low-Permeation	No	93812ULP7	*
MERCURY BRAND ENGINES AND TANKS									
Mercury	6'	3/8"	8838TM6	8838HF6	8896LP6	Multi-layer / Low-Permeation	No	93806MUS7	*
Mercury	6'	3/8"	8838TM6	8838HF6	8896LP6	Multi-layer / Low-Permeation	Yes	93806MUSD7	*
Mercury Pre-1998	6'	3/8"	8838TM6	8838HF6	8893-6	Multi-layer / Low-Permeation	No	93806AUS7	*
JOHNSON BRAND ENGINES AND TANKS									
Johnson / Evinrude	6'	3/8"	8838TM6	8838HF6	8889LP6	Multi-layer / Low-Permeation	No	93806EUS7	*
Johnson / Evinrude	6'	3/8"	8838TM6	8838HF6	8889LP6	Multi-layer / Low-Permeation	Yes	93806EUSD7	*
Johnson / Evinrude	6'	3/8"	None	8889LP6	8889LP6	Multi-layer / Low-Permeation	No	93806ELP7	*
YAMAHA BRAND ENGINES AND TANKS									
Yamaha	6'	3/8"	None	8896LP6	8896LP6	Multi-layer / Low-Permeation	No	93806YLP7	*
Yamaha	6'	3/8"	8838TM6	8838HF6	8896LP6	Multi-layer / Low-Permeation	No	93806YUS7	*
HONDA BRAND ENGINES AND TANKS									
Honda	6'	3/8"	8838TM6	8838HF6	8900-6	Multi-layer / Low-Permeation	No	93806HUS7	*

FUEL TANK AND HOSE FITTINGS

Attwood fuel tank fittings and hose fittings are suitable for use with leaded, unleaded, ethanol blended and alcohol-blended fuels. Unless otherwise specified, threaded fittings have 1/4" male NPT threads; barbed fittings fit 3/8" I.D. hose. Clamps are not included. Use thread sealant on all threads.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Fitting	Description	Material Construction	Mates to	Notes	Aftermarket Packaging	Prop 65
MERCURY/MARINER BRAND ENGINES AND TANKS						
1/4" NPT Thread	Tank Male	Brass	8890LP6	Mercury Tank Fitting	**8873-6**	*
3/8" Barb	Hose Female	Acetal	8873-6	Mercury Tank Fitting	**8890LP6**	
3/8" Barb	Hose Female	Acetal		Mercury Engine End	**8896LP6**	
1/4" NPT Thread	Twist-lock Tank Female	Nylon	14532-6	w/90° Elbow, 2-Piece	**8882-6**	*
1/4" NPT Thread	Twist-lock Tank Female	Die-cast Zinc	14532-6	w/90° Elbow, 1-Piece	**14530-6**	*
3/8" Barb	Twist-lock Hose Male	Die-cast Zinc	8882-6, 14530-6		**14532-6**	*
JOHNSON/EVINRUDE/OMC BRAND ENGINES AND TANKS						
1/4" NPT Thread	Tank Male	Brass	8889LP6, 88FHE516-6		**8883-6**	*
5/16" Barb	Hose Female	Acetal	8883-6	Tank or Engine End	**88FHE516-6**	
3/8" Barb	Hose Female	Acetal	8883-6	Tank or Engine End	**8889LP6**	*
YAMAHA BRAND ENGINES AND TANKS						
1/4" NPT Thread	Tank Male	Brass	8896LP6, 88FHY516-6		**8897-6**	*
5/16" Barb	Hose Female	Acetal	8897-6	Tank or Engine End	**88FHY516-6**	
3/8" Barb	Hose Female	Acetal	8897-6	Tank or Engine End	**8896LP6**	
HONDA BRAND ENGINES AND TANKS						
1/4" NPT Thread	Tank Male	Chrome-plated Brass	8902-6	90HP+ (Large Bore)	**8901-6**	*
3/8" Barb	Hose Female	Chrome-plated Brass	8901-6	90HP+ (Large Bore)	**8902-6**	*
3/8" Barb	Hose Female	Acetal		Engine End	**8900-6**	*
CHRYSLER BRAND ENGINES AND TANKS						
1/4" NPT Thread	Tank Male	Chrome-plated Brass	8884-6		**14509-6**	*
3/8" Barb	Hose Female	Chrome-plated Brass	14509-6		**8884-6**	*
SUZUKI BRAND ENGINES AND TANKS						
1/4" NPT Thread	Tank Male	Chrome-plated Brass	88FTS014-6	Under 75HP (Small Bore)	**14509-6**	*
3/8" Barb	Hose Female	Chrome-plated Brass	14509-6	Under 75HP (Small Bore)	**88FTS014-6**	*

Fuel Tank and Hose Fittings

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Fitting	Description	Material Construction	Mates to	Notes	Bulk Packaging	Aftermarket Packaging	Prop 65
UNIVERSAL FITTINGS AND ADAPTERS							
1/4" NPT x 1/4" NPTF	90° Elbow	Brass			—	**8887-6**	*
1/4" NPT x 5/16" Barb	Male Thread, Hose Barb	Brass			—	**88FBM101-6**	*
1/4" NPT x 3/8" Barb	Male Thread, Hose Barb	Brass			—	**14540-6**	*
3/8" NPT x 3/8" Barb	Male Thread, Hose Barb	Aluminum			—	**88FBMA102-6**	
1/4" NPT x 3/8" Barb	Male Thread, Anti-Siphon Valve	Aluminum			—	**88FAS014-6**	
3/8" NPT x 3/8" Barb	Male Thread, Anti-Siphon Valve	Aluminum			—	**88FAS038-6**	
3/8" Hose Mender	In-line Fuel Splice Kit	Brass		Includes (2) Stainless Steel Hose Clamps	—	**11822-6**	*
5/16" Hose Mender	In-line Fuel Splice Kit	Brass		Includes (2) Stainless Steel Hose Clamps	—	**11823-6**	*
1/4" Hose Mender	In-line Fuel Splice Kit	Brass		Includes (2) Stainless Steel Hose Clamps	—	**11824-6**	*

Fuel Tank and Hose Fittings

MERCURY
Prop 65

* 8838US6

* 8873

* 8890LP

* 8896LP

* 8882

* 14530

* 14534

* 14532

JOHNSON
Prop 65

* 8883

* 88FHE516

* 8889LP

YAMAHA
Prop 65

* 8897

* 88FHY516

* 8896LP

HONDA
Prop 65

* 8901

* 8902

* 8900

Always use thread sealant when assembling threaded fittings.

Fuel Tank and Hose Fittings

Prop 65	CHRYSLER

* 14509

* 8884

Prop 65	SUZUKI

* 14509

* 88FTS014

Prop 65	UNIVERSAL

* 8887

* 88FBM101

* 14540

* 88FBMA102

* 88FAS014

* 88FAS038

* 11822/ * 11823/ * 11824

Always use thread sealant when assembling threaded fittings.

Fuel Tank Valves:
Shut Off & Multiple Draw

88FV200

TANK VALVES: THREE-WAY & SHUT OFF

Description		Bulk Packaging	Aftermarket Packaging
Shut-off valve	Brass: ¼" NPT x ¼" NPTF	—	**88FV200-6**

VAPORTEC
EPA CERTIFIED INTEGRATED FUEL SYSTEMS

CARBON CANISTER FUEL SYSTEMS

Carbon canister systems utilize an engineered charcoal canister to reduce hydrocarbons entering the atmosphere. Other components of a carbon canister system are designed to ensure the tank fills to the proper level every time without spit-back or well-back. All Attwood carbon canister systems are designed to ensure liquid fuel or water does not reach the canister and are compatible with Jerry Can and marine nozzle refueling.

Direct Fill Carbon Canister Fuel System

- Single 1 psi overpressure relief safety valve built into the caps
- Automatic nozzle shutoff 4-10 gpm
- Anti-backout feature prevents accidental removal
- Reduced number of system components

Remote Fill Carbon Canister Fuel System

- Dual 1 psi overpressure relief safety valves built into the deck fill caps
- Automatic nozzle shutoff 4-18 gpm

A Fill Limit Vent Valve	**E** P-Trap
B Grade Valve	**F** Direct Fill Unit
C Inlet Control Valve	**G** Deck Fill Unit
D Carbon Canister	
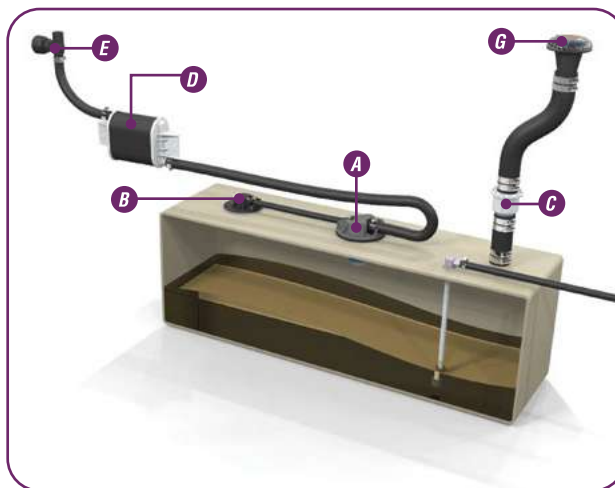
VAPORTEC

EPA CERTIFIED INTEGRATED FUEL SYSTEMS

PRESSURE RELIEF FUEL SYSTEMS

Pressure relief systems are designed with automatic diurnal emission control and overpressure relief safety valves built into the cap of the fill. The overpressure relief safety valves are engineered to release pressure above 1 psi. The high-flow vacuum valves allow fresh air to enter the fuel tank to replace the fuel being consumed by the engine. Other components of a pressure relief system are designed to ensure the tank fills to the proper level every time without spit-back or well-back. All Attwood pressure relief systems are designed to ensure water does not enter the fuel tank and are compatible with Jerry Can and marine nozzle refueling.

Direct Fill Pressure Relief Fuel System

- Dual 1 psi diurnal emission control and overpressure relief safety valves built into the cap
- Dual high-flow vacuum valves ensure maximum make-up air flow with minimum vacuum restriction
- Automatic nozzle shutoff 4-10 gpm
- Anti-backout feature prevents accidental removal
- Reduced number of system components

Remote Fill Pressure Relief Fuel System

- Dual 1 psi diurnal emission control and overpressure relief safety valves built into the cap
- Triple high-flow vacuum valves ensure maximum make-up air flow (compatible with high HP applications)
- Automatic nozzle shutoff 4-18 gpm
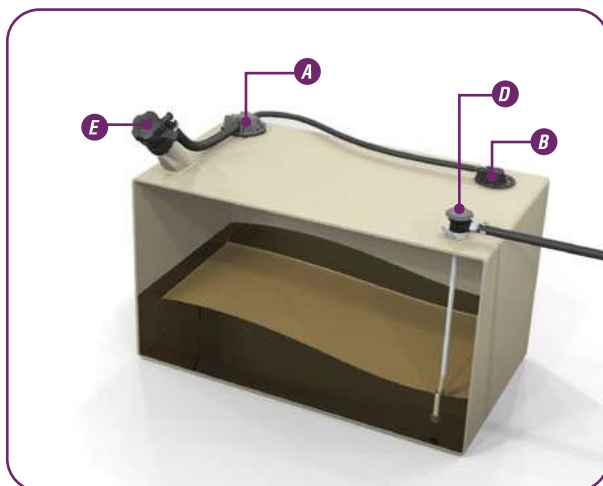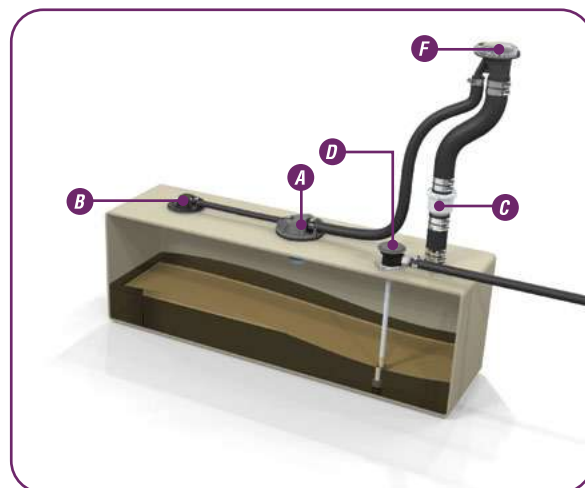
A Fill Limit Vent Valve
B Grade Valve
C Inlet Control Valve
D Fuel Demand Valve
E Direct Fill Unit (Includes Inlet Control Valve)
F Deck Fill Unit

	Carbon Canister Direct Fill	Carbon Canister Remote Fill	Pressure Relief Direct Fill	Pressure Relief Remote Fill
Carbon Canister Deck Fills		See Page 81		
Carbon Canister Direct Fill	See Page 82			
Pressure Relief Deck Fills				See Page 84
Pressure Relief Direct Fill			See Page 89	
Inlet Control Valve		See Page 86		See Page 86
Fill Limit Vent Valve	See Page 86	See Page 86	See Page 86	See Page 86
Grade Valve	See Page 86	See Page 86	See Page 86	See Page 86
Carbon Canister	See Page 83	See Page 83		
Integrated Fuel Demand Valve			See Page 84	See Page 84
P-Trap	See Page 82	See Page 82		

INTEGRATED FUEL COMPONENTS
EPA CERTIFIED

Deck Fills For Carbon Canister Systems

- Essential component of VaporTec and SecureStop
- Dual 1 psi overpressure relief safety valves built into the cap
- Automatic nozzle shutoff 4-18 gpm
- Hinged audible click cap meets EPA requirements
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Designed and tested to prevent water from entering the fuel system
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

99DFCCSSY1-1

99DFCCAB1

99DFCCAW1

Y1 Flat cap   **Scalloped cap**

Description	Body	Cap Material	Cap Design	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Deck Fill for Carbon Canister	Straight	Black Plastic	Scalloped	99DFCCSB1	*	99DFCCSB1S	*
		White Plastic	Scalloped	99DFCCSW1	*	—	
		Chrome	Scalloped	99DFCCSZ1	*	99DFCCSZ1S	*
		Stainless Steel	Scalloped	99DFCCSS1	*	—	
		Stainless Steel	Y1 Flat	99DFCCSSY1-1	*	—	
	Angled	Black Plastic	Scalloped	99DFCCAB1	*	99DFCCAB1S	*
		White Plastic	Scalloped	99DFCCAW1	*	—	
		Chrome	Scalloped	99DFCCAZ1	*	99DFCCAZ1S	*
		Stainless Steel	Scalloped	99DFCCAS1	*	—	
		Stainless Steel	Y1 Flat	99DFCCASY1-1	*	—	

Low Profile Deck Fills For Carbon Canister Systems

- Essential component of VaporTec and SecureStop
- Stainless steel construction
- Exclusive overpressure relief valve that is protected by a waterproof screen to eliminate the possibility of water entering the system
- 4-18 gpm refueling when used in an Attwood fuel system
- Flip-up tethered cap for ease of use
- Red dots indicate visual closure for EPA standards
- ISO 10088 and CE compliant
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

99DFCCLPSS1

99DFCCLPAS1

Description	Body	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Low Profile Deck Fill for Carbon Canister	Straight	99DFCCLPSS1	*	—	
	Angled	99DFCCLPAS1	*	—	

Direct Fill for Carbon Canister Systems

- Essential component of VaporTec and SecureStop
- Single 1 psi overpressure relief safety valve built into cap
- Anti-backout feature prevents accidental removal
- Automatic nozzle shutoff 4-10 gpm
- Reduced number of components in the system
- Includes ratcheting tethered cap
- Compatible with Attwood's carbon canister architecture
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Carbon Canister Direct Fill	99TDF100-1	*	—	

99TDF100-1

90° P-Trap Fuel Tank Vents

These vents help prevent water from entering the fuel tank, yet allow air to vent freely, during normal sea conditions and washdowns. This eliminates the need for an anti-siphon loop in the vent hose. For 5/8" I.D. hose. Meets ABYC standard. The arrows in this cross-section show the baffled route that water would have to travel in order to reach the fuel vent hose. Compatible with Ethanol blended fuels.
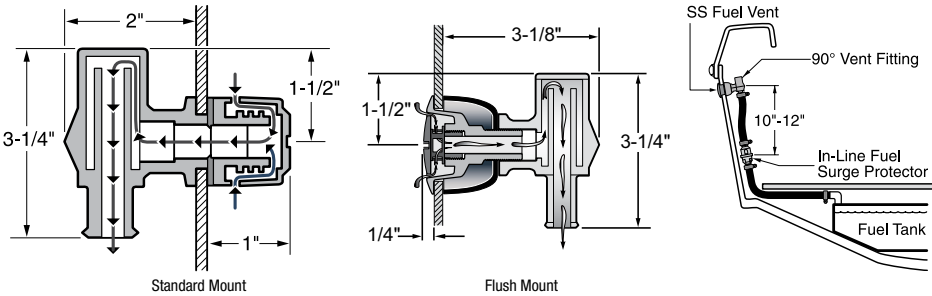
Standard Mount

Flush Mount

1670

1674

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Maximum Hull Thickness	Installation Hole Size	Style	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Standard Mount - 5/8" I.D Hose	9/16"	3/4"	Black with black vent head	1670-1	*	1670-3	*
			Black with stainless steel trim cover	66419-1	*	66419-3	*
Replacement covers for Standard Mount	—	—	For 1670	911526-1	*	—	
			For 66419	911528-1	*	—	
Flush Mount - 5/8" I.D. Hose	1"	1-3/8"	Black with stainless steel vent head	1674-1	*	1674-6	*
Replacement Spacer for Flush Mount	1/4" - 1/2"	—	For 1674	911507-1	*	—	
	1/2" - 3/4"	—	For 1674	911508-1	*	—	

Carbon Canisters

- Fits 5/8" vent hose
- Can be mounted in any orientation using brackets provided
- Compatible with Ethanol blended fuels
- Low permeation shell reduces overall system emissions
- Carbon Canister for Engine Compartment models feature a pre-installed composite heat-shield for easy installation

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	EPA RATING		CARB RATING		Dimensions Length Width Height	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
	Trailerable Vessel Capacity	Non-trailerable Vessel Capacity	Trailerable Vessel Capacity	Non-trailerable Vessel Capacity					
SUB COMPACT									
Brackets OEM Installed	28 Gal.	44 Gal.	22.4 Gal.	44 Gal.	11.6" x 5.04" x 4.01"	99CC035-1	*	—	
Carbon Canister for Engine Compartment	28 Gal.	44 Gal.	22.4 Gal.	44 Gal.	11.68" x 4.08" x 5.68"	99CC035HSA1	*	—	
COMPACT									
Brackets OEM Installed	70 Gal.	110 Gal.	56 Gal.	110 Gal.	Refer to Horizontal/Vertical	99CC045-1	*	99CC045-1S	*
Brackets Pre-installed Horizontal Orientation	70 Gal.	110 Gal.	56 Gal.	110 Gal.	11.6" x 5.04" x 4.01"	99CC045H1	*	—	
Brackets Pre-installed Vertical Orientation	70 Gal.	110 Gal.	56 Gal.	110 Gal.	10.48" x 3.05" x 5.50"	99CC045V1	*	—	
Carbon Canister for Engine Compartment	70 Gal.	110 Gal.	56 Gal.	110 Gal.	11.68" x 4.08" x 5.68"	99CC045HSA1	*	—	
STANDARD									
Brackets OEM Installed	220 Gal.	350 Gal.	176 Gal.	350 Gal.	Refer to Horizontal/Vertical	99CC085-1	*	—	
Brackets Pre-installed Horizontal Orientation	220 Gal.	350 Gal.	176 Gal.	350 Gal.	17.22" x 5.04" x 4.01"	99CC085H1	*	—	
Carbon Canister for Engine Compartment	220 Gal.	350 Gal.	176 Gal.	350 Gal.	17.74" x 4.08" x 5.68"	99CC085HSA1	*	99CC085HSA1S	*
LARGE VESSEL									
Brackets OEM Installed	420 Gal.	660 Gal.	*N/A	*N/A	Refer to Horizontal/Vertical	99CC150-1	*	99CC150-1S	*
Heat Shield for Large Vessel Carbon Canister	420 Gal.	660 Gal.	*N/A	*N/A	25.61" x 4.08" x 5.68"	99CC150HS1	*	—	

* CARB allows use of 2 canisters assembled in series to match/exceed needed capacity. Contact Attwood Customer Service for more information.

99CC

99CC Horizontal

99CC Vertical

99CC035HSA1

Deck Fills for Pressure Relief Systems

- Essential component of VaporTec and SecureStop
- Dual 1 psi diurinal emission control overpressure relief safety valves
- Triple high-flow vacuum valves ensure maximum make-up air flow with minumum vacuum restriction
- Designed and tested to prevent water from entering the fuel system
- Automatic nozzle shutoff 4-18 gpm
- Hinged audible click cap meets EPA requirements
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Designed and tested to prevent water from entering the fuel system
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose and 5/8" vent hose

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

CARB APPROVED
EO RM-18-001

EPA CERTIFIED · MEETS ALL APPLICABLE EPA REGULATIONS

Y1 Flat cap

Scalloped cap

99DFPVSZ1

99DFPVASY1-1

Description	Body	Cap Material	Cap Design	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Deckfill for Pressure Relief System	Straight	Black Plastic	Scalloped	**99DFPVSB1**	*	—	
		Chrome	Scalloped	**99DFPVSZ1**	*	—	
		Stainless Steel	Scalloped	**99DFPVSS1**	*	—	
		Stainless Steel	Y1 Flat	**99DFPVSSY1-1**	*	—	
	Angled	Black Plastic	Scalloped	**99DFPVAB1**	*	—	
		Chrome	Scalloped	**99DFPVAZ1**	*	—	
		Stainless Steel	Scalloped	**99DFPVAS1**	*	—	
		Stainless Steel	Y1 Flat	**99DFPVASY1-1**	*	—	

Fuel Demand Valve

The integrated fuel demand valve, used in conjunction with integrated fuel systems eliminates pressurized fuel from reaching fuel distribution lines and your engine and ensures that fuel is provided to the engine on demand rather than as a result of pressure in the tank. Additional features include:

- Compatible with Ethanol blended fuels
- Eliminates the need for rigid fuel distribution lines in pressure relief systems (per ABYC H-24.15.9)

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Specifications

Operating Temp	Storage Temp	Operating Input Pressure	Flow Performance	Hose Size	Manual Override
-20°C to 80°C (-4°F to 176°F)	-40°C to 80°C (-40°F to 176°F)	138 kPa (20 psi) protected for 276 kPa (40 psi) psi pressure spike	125 L/H (33 GPH) at <2 kPa (10" gasoline)	8 mm – 10 mm (5/16" – 3/8")	Yes

99IFDV00

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Integrated Fuel Demand Valve (IFDV)	**99IFDV00-1**	*	—	
Base for Aluminum Tank	**99DVA02-1**	*	—	
Pick-Up Tube Barb with O-Ring 3/8"	**99DVB01-1**	*	—	
Pick-Up Tube Barb with O-Ring 1/2"	**99DVB02-1**	*	—	
IFDV Installation Clip	**99DVC01-1**	*	—	
IFDV Plug Cap with Seal	**99DVP03-1**		—	
Plastic Tank Compression Nut	**99DVP04-1**	*	—	
Heat Shield	**99IFDVHS1**		—	
Single Flange Base for Plastic Tank	**99DVP05-1**	*	—	

Direct Fill for Pressure Relief Systems

- Essential component of VaporTec and SecureStop
- Dual high-flow vacuum valves ensure maximum make-up air flow with minimum vacuum restriction
- Dual 1 psi diurnal emission control and overpressure relief safety valves
- Anti-backout feature prevents accidental removal
- Automatic nozzle shutoff 4-10 gpm
- Reduced number of components in the system
- Includes ratcheting tethered cap
- Performs automatic shut-off function when used with an Attwood system
- EPA certified
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose and 5/8" vent hose

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Pressure Relief Direct Fill	99TDFPV100-1	*	—	
Replacement Tether	99TDF120-1		—	
Replacement Cap	99TDFPV110-1	*	—	

CARB APPROVED EO RM-18-001

EPA CERTIFIED · MEETS ALL APPLICABLE EPA REGULATIONS

Dual 1 psi diurnal emission control and overpressure relief safety valves

Dual high-flow vacuum valves ensure maximum make-up air flow

Exclusive nozzle retention feature

Ratcheting tether cap

Low-profile vent input from tank

Low profile neck reduces interference from engine cowl

Anti-back out feature

High-strength composite body

Built-in ICV

Inlet Control Valve

- Essential component of VaporTec and SecureStop
- Built-in overpressure relief compatibility
- ISO 10088 and CE compliant
- Guaranteed 18 gallons per minute fuel flow during filling
- Compatible with 1-1/2" fill hose
- Compatible with Ethanol blended fuels
- Can be oriented between 0º–90º in line with fuel flow

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Aftermarket Packaging
Inlet Control Valve	99ICV000-1	—
ICV Heat Shield	99ICV000HS2	—

99ICV000

Fill Limit Vent Valves

- Essential component of VaporTec and SecureStop
- Sets the full level of fuel in the tank
- Prevents liquid fuel from reaching the carbon canister or vent system during vessel operation, trailering and storage
- Compatible with Ethanol blended fuels and plastic and aluminum tanks
- Passes all USCG CFR 33 and ABYC H-24 fire test requirements and CARB and EPA requirements
- Integrated high-performance gasket included
- Assembly Guide aligns the FLVV and gasket with tank for faster installation

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Shut-off Height	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Fill Limit Vent Valve with GRV Communication	0.8"	99FLB080-1	*	—	
	1.00"	99FLB100-1	*	—	
	1.40"	99FLB140-1	*	—	
	1.70"	99FLB170-1	*	—	
	2.30"	99FLB230-1	*	—	
	3.30"	99FLB330-1	*	—	
Fill Limit Vent Valve without GRV Communication	1.40"	99FLA140-1	*	—	
	1.70"	99FLA170-1	*	—	
	2.30"	99FLA230-1	*	—	
	3.30"	99FLA330-1	*	—	

99FLB230

Grade Valve

- Essential component of VaporTec and SecureStop
- When used in conjunction with a fill limit vent valve, allows proper venting when the fuel tank is in unusual angles
- Prevents liquid fuel reaching the carbon canister and vent system during vessel operation, trailering and storage
- Integrated impact protection feature
- Compatible with Ethanol blended fuels
- Passes all USCG CFR 33 and ABYC H-24 fire test requirements

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Grade Valve	99GVP000-1	*	—	
Grade Valve Tank Gasket	99GVG000-1		—	

Heat/Impact Shield

99GVP000

99GVG000

ACCESSORIES
FOR PORTABLE AND INTEGRATED FUEL SYSTEMS

Motor Well Boot

Motor well boot provides organized, covered pass-thru for control cables, wires, or fuel lines. Split side allows for installation without disconnecting controls. Includes tie for secure fit. Black rubber, UV-resistant construction with polypropylene attachment gasket ring.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For 4"-diameter opening	—		12820-5	*

12822

Fuel Tank Strap Sets

1"-wide white nylon web strap with zinc-plated carbon steel snap and quick-release buckle. Includes metal foot-man securing loops and screws.

Description	Bulk Packaging	Aftermarket Packaging
48" long for 3-6 gallon tanks	—	11526-3
72" long for 12-gallon tanks	—	11512-3

11526

Filter Funnels

Fine mesh screen filters out most foreign matter. Lightweight floating polyethylene plastic.

Description	Bulk Packaging	Aftermarket Packaging
Short rigid, with handle	14582-1	—
Long flexible, with handle	14580-1	—

14582

14580

Portable Fuel Tank Cap with Tether

High-flow valve exceeds OEM engine fuel flow requirements. Ratchets to ensure proper seal. For 0-350 HP engines. Compatible with 8803LP/8806LP/8812LP/8812LLP Series portable fuel tanks.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Standard 2-1/4" Neck	—		88TC06-7	*

88TC06

SpillBuster™

Eliminate messy and potentially dangerous spills with this versatile spout that easily attaches to your oil and fluid bottles. On/off valve controls liquid flow. SpillBuster fits 1-quart, 1-gallon, and most 5-quart bottles. Removable cap seals shut.

Description	Bulk Packaging	Aftermarket Packaging
SpillBuster spout	—	**14584D1**

14584D1

Fuel/Water Separator Assembly & Filter

With Double Seal. Universal 3/8" (.85cm) ports.

Description	Bulk Packaging	Aftermarket Packaging
Universal Fuel/Water Separator Fits all 2 and 4 cycle engines. 10 Micron Filter and bracket included. Replaces Mercury 35-60494A4. Includes 2 brass plugs.	—	**11840-7**
Fuel/Water Separator 10 Micron Replacement for: Mercury 35-60494-1, Aqua Power 6031, GLM 24940, Sierra 18-78250, SMI 15494, Valmar 52113, Marpac 7-0872	—	**11841-4**

11840

11841

Outboard Fuel Filter

Disposable high-flow in-line fuel filters work with most outboard motors. Protects carbureted engines by trapping pollutants. Clear body allows visual inspection. High strength, impact resistant, and shatter resistant comstruction. Best to replace during winterize or spring start-up for optimum results.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Outboard Fuel Filter for 3/8" lines	—		**12562-6**	
Universal In-Line Fuel Filter (1/4", 5/16", 3/8")	—		**11820-7**	

12562

11820

Fuel/Oil Mixing Bottle

Allows the addition of the exact amount of oil required for a 2 cycle engine. Oil level marks are in gallons and litres. Determines ratios for 100:1, 50:1, 24:1 and 10:1 mixes. Wide mouth, quart size bottle.

11873

Description	Bulk Packaging	Aftermarket Packaging
Oil to Gas Mixing Container	—	11873-1

Fuel Hose for Below Deck

Low-permeation, fiber-reinforced fuel line designed to prevent kinking and hardening. Compatible with Ethanol blended fuels. For use in below deck applications.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Fuel supply hose for 5/16" (A1-15)	250 ft.	9368A1	*	—	

9368

Hydro-Stabilizer

Gives outboards and sterndrives a performance boost, improving both stability and handling. The Hydro-Stabilizer out-performs ordinary flat hydrofoils by reducing drag when the hull goes on plane. Installs on a large variety of motor styles and sizes and includes stainless steel bolts and lock nuts. Wings constructed of black molded plastic. The Hydro-Stabilizer quickly puts the boat on plane and helps pull skiers out of the hole faster. Even at lower RPMs, it keeps the boat on plane. The wings provide a smoother, more stable ride and reduces prop cavitation in turns.

Hydro-Stabilizer   Ordinary Hydrofoil

Description	Bulk Packaging	Aftermarket Packaging
For outboards and stern drives 50 horsepower and above	—	9400-7
For outboards under 50 horsepower	—	9401-7

9400

Outboard Motor Safety Cable

Prevents loss of small outboard engines. Clear vinyl-coated, heavy-duty steel cable. Has a loop on one end, and includes a snap hook on the other end. 3/32" diameter, 50" long.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/32" dia. x 50" long	—		11664-3	*

11664

High-Speed Oil Change Pump

Quickly extract up to 5 quarts of oil from boats, vehicles, lawn mowers, etc. in under 8-minutes. Durable construction. No power or batteries required. Change the oil through the engine dipstick tube. Tank has locking handle, and cap for the hose.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Heavy-Duty Pump–5 quart	—		**88EP06-4**	*

88EP06

Gear Lube Pump

For use with 32 oz. gear lube bottles. The pump fits any outboard or sterndrive to provide universal fit. Includes one Yamaha® adapter.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Gear Lube Pump	—		**11891D7**	*

11891

Universal Motor Flushers

Quickly flushes away salt, sand, silt, and alkali to prevent clogging and corrosion. The flusher attaches easily to an ordinary garden hose. Selfadjusting clamping yoke fits most domestic or imported I/O's and outboards. Molded cups deliver fresh water from a garden hose to flush the cooling system through side intakes on the lower unit. Note: Do not use full flow from hose.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Round with plastic body	—		**9372-2**	
Round with metal body	—		**16205-2**	*
Rectangular motor flusher with metal body	—		**16207-2**	
Universal dual water feed with metal body	—		**16208-7**	

9372

16205

16207

16208

PORTABLE FUEL COMPONENTS
INTERNATIONAL (NOT FOR USE IN THE U.S.)

Fuel Line Kits

For use with portable fuel tanks and popular outboard engines. Made to the highest quality standards.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Engine	END FITTING					Primer Bulb	Fuel Demand Valve	Aftermarket Packaging	Prop 65
	Length	Diameter	Tank Fitting	Fits Attwood Tank Fitting	Engine Fitting				
UNIVERSAL BRAND ENGINES AND TANKS									
Universal	6'	3/8"	None	N/A	None	Standard	No	**93806UI7**	*
MERCURY BRAND ENGINES AND TANKS									
Mercury	6'	3/8"	8890LP6	8873-6	8894LP6	Standard	No	**93806MI7**	*
JOHNSON BRAND ENGINES AND TANKS									
Johnson / Evinrude	6'	3/8"	8889LP6	8883-6	8889LP6	Standard	No	**93806EI7**	*
YAMAHA BRAND ENGINES AND TANKS									
Yamaha	6'	3/8"	8896LP6	8897-6	8896LP6	Standard	No	**93806YI7**	*

Primer Bulbs

For easy replacement on any portable fuel line. Alcohol resistant, suitable for use with leaded and non-leaded fuels.
Double check valve for quick priming and unrestricted flow.
Non-corrosive, galvanized hose clamps. Strong and durable.

* ⚠ **WARNING** Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Aftermarket Packaging	Prop 65
3/8" I.D Hose — For International Markets	—	**93038I7**	*
5/16" I.D Hose — For International Markets	—	**93516I7**	*

INTEGRATED FUEL COMPONENTS
NOT FOR USE WITH EPA CERTIFIED SYSTEMS
Vented Deck Fills

Attwood's plastic vented deck fills incorporate an industry first patent-pending waterproof screen that eliminates the possibility of water entering a boat's fuel system, while also allowing your boat's engine to breath freely.These deck fills exceed the ISO 10088 standard for minimum required venting area and meet all ABYC and US Coast Guard safety standards for marine fuel systems. Attwood's unique design includes an integral tank vent with flame arrestor and anti-surge technology. CE certified to ISO 10088 enabling sales world wide.
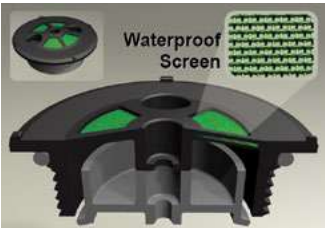
Features:

- Integrated patent-pending waterproof screen eliminates the possibility of water entering your boat's fuel system
- Attwood's unique design includes an integral tank vent with flame arrestor and anti-surge technology, preventing fuel from escaping into the environment
- Engineered body designed for extreme strength
- Choose from oval or round, straight or angled configurations

- Round caps available in plastic, chrome or stainless steel to fit virtually any application and budget
- Stainless steel beaded chain to prevent loss of round Gasoline, Diesel and Water caps
- ISO symbols for Gasoline, Diesel, Water and Waste are located on top of the cap
- Deck plate key is included with gasoline fill
- Fits standard 1-1/2" fuel fill hose and 5/8" vent hose
- Requires (4) #8 screws

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Material	Imprint	Cap Design	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
OVAL VENTED DECK FILLS							
Straight	Black Plastic	Gasoline	Scalloped	**99210GB1**	*	—	
Angled	Black Plastic	Gasoline	Scalloped	**99211GB1**	*	—	
ROUND VENTED DECK FILLS							
Straight	Black Plastic	Gasoline	Scalloped	**99200GB1**	*	—	
	Stainless Steel	Gasoline	Scalloped	**99200GS1**	*	—	
		Diesel	Scalloped	**99200DS1**	*	—	
		Water	Scalloped	**99200WS1**	*	—	
	Chrome	Gasoline	Scalloped	**99200GZ1**	*	—	
		Water	Scalloped	**99200WZ1**	*	—	
Angled	Black Plastic	Gasoline	Scalloped	**99201GB1**	*	—	
	Stainless Steel	Gasoline	Scalloped	**99201GS1**	*	—	
		Diesel	Scalloped	**99201DS1**	*	—	
		Water	Scalloped	**99201WS1**	*	—	
	Chrome	Gasoline	Scalloped	**99201GZ1**	*	—	
		Water	Scalloped	**99201WZ1**	*	—	
ROUND WASTE DECK FILLS							
Straight	Stainless Steel	Waste	Scalloped	**99202WS1**	*	—	
	Chrome-plated Zinc	Waste	Scalloped	**99202WZ1**	*	—	
Angled	Stainless Steel	Waste	Scalloped	**99202AWS1**	*	—	
		Waste	Y1	**99202AWSY1-1**	*	—	

Labyrinth cup prevents liquid fuel from directly splashing out of deck fill in the event of a fuel surge

Waterproof screen prevents water from entering in to fuel tank while allowing free air flow in and out of the tank

99210GB

99200GS

Y1 Flat cap

Scalloped cap

1-1/2" Deck Fills,
Enhanced 316 Stainless Steel Alloy

For 1-1/2" I.D. hose. Deck fills available with imprint to specify GASOLINE, DIESEL, WATER, or WASTE. Highly-polished finish. Flush cap is slotted for separate key and features an O-ring that seals the cap watertight. Cap is attached by a stainless steel beaded chain. 3-1/4" long fill neck. Key sold separately. 66126 waste model has internal threads for pump-out nozzle. Use for vessels with built-in holding tanks. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gas and diesel models per USCG and ABYC H-24 requirements.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Specifications

Part No.	Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
66406, 66407, 66408	3-1/4"	1-7/8"	3"	1-1/2" I.D.	#10
66126	3-1/4"	2-1/4"	3-1/2"	1-1/2" I.D.	#10

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
"Gasoline" imprint with Red Color Code (Not for use with EPA Certified systems)	66446C1	*	66406-5	*
"Water" imprint with Blue Color Code	66408C1	*	—	
"Waste" imprint with Black Color Code	66126C1	*	—	
Replacement key	66060-1		—	
Replacement cap and chain†	—		66074-3	
Replacement cap and chain only for 66126	—		66061-3	

66446C

2" Deck Fills,
Enhanced 316 Stainless Steel Alloy

For 2" I.D. hose. These deck fills are both imprinted and color-coded to specify either GASOLINE or DIESEL. Highly-polished finish. Flush cap is slotted for separate key and features an O-ring that seals the cap watertight. Cap is attached by a stainless steel, beaded chain. Long neck accommodates thick deck laminations. Key sold separately. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gasoline and diesel models per USCG and ABYC H-24 requirements.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Specifications

Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
3-1/4"	2-1/4"	3-1/2"	2" I.D.	#10

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
"Gasoline" imprint with Red Color Code (Not for use with EPA Certified systems)	66411C1	*	—	
"Diesel" imprint with Green Color Code	66412C1	*	—	
Replacement key	66060-1	*	—	
Replacement cap and chain	—		66061-3	*

66411

† Replacement for 66406, 66407, 66408 and 66408C1 only

FUEL VENTS

Enhanced 316 Stainless Steel Alloy Flush-Mount Fuel Vents

On the exterior, they have a smooth edge over the competition. Unlike some others, there is no protruding cap to cause damage — or be damaged by — hull bumps and scrapes. Cap unscrews with hex head wrench for easy cleaning of filter and pressure testing of entire fuel system. These vents now include two silicone gaskets.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Hose Size	Maximum Hull Thickness	Installation Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Straight Vent	5/8" I.D.	7/8"	1-3/8"	**66031-1**		**66031-3**	
90° Vent	5/8" I.D.	7/8"	1-3/8"	**66032-1**	*	**66032-3**	*

66031

66032

Enhanced 316 Stainless Steel Alloy Fuel Vents

Stainless steel vents with spark-proof screen holes.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Hose Size	Maximum Hull Thickness	Installation Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Straight Vent	5/8" I.D.	1/2"	7/8"	**66004-1**	*	—	
90° Vent	5/8" I.D.	1/2"	7/8"	**66023-1**		—	

66004

66023

Polypropylene Fuel Vents

Patented splash-resistant, corrosion-resistant polypropylene.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Color	Hose Size	Maximum Hull Thickness	Installation Hole Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Straight Vent	Black	5/8" I.D.	7/8"	3/4"	**1607-1**	*	**1607-3**	*

1607

MARINE ACCESSORIES

ANCHORING AND MOORING EQUIPMENT

Mushroom Anchors

Mushroom anchors are an economical solution for light-weight boats. The wide-area mushroom cup provides sufficient holding power in mud and weed bottoms.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Gray cast iron
- Large, steel eye
- Available coated with aluminum-painted finish or black PVC-coated finish

9943

9943B

Description		Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aluminum - Painted	8 lbs.	9941-1	*	—	
	10 lbs.	9942-1	*	—	
	15 lbs.	9943-1	*	—	
Black PVC-coated	8 lbs.	9941B1	*	—	
	10 lbs.	9942B1	*	—	
	15 lbs.	9943B1	*	—	

Navy Anchors

Navy anchors combine weight with flukes to dig in and hold firmly in sand and mud. The reverse action of the shank allows quick retrieval of a fouled anchor. High-quality, gray iron casting available with aluminum-painted or black PVC-coated finish.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

9935

9935B

Description		Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aluminum - Painted	10 lbs.	9933-1	*	—	
	15 lbs.	9934-1	*	—	
	20 lbs.	9935-1	*	—	
Black PVC-coated	10 lbs.	9933B1	*	—	
	15 lbs.	9934B1	*	—	
	20 lbs.	9935B1	*	—	

River Anchors

River anchors catch and hold river bottoms where mud, rocks, stumps, and brush are present. Flukes act like a grappling hook to snag rocks or other objects. Gray, cast iron with a large, steel eye and black PVC-coated or aluminum–painted finish.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

9948

9948B

Description		Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aluminum - Painted	8 lbs.	9944-1	*	—	
	15 lbs.	9948-1	*	—	
	18 lbs.	9946-1	*	—	
Black PVC-coated	8 lbs.	9944B1	*	—	
	12 lbs.	9945B1	*	—	
	15 lbs.	9948B1	*	—	
	18 lbs.	9946B1	*	—	

Note- All Bulk Packed anchors include ID label with UPC number/bar code.

PENETRATING FLUKE ANCHORS

Penetrating fluke anchors dig into mud, sand, or gravel and stow flat. Pivoting flukes rotate downward into bottom. Excellent weight-to-holding power ratio compared to cast anchors. All Attwood penetrating anchors are manufactured of hot dip galvanized steel for corrosion resistance and strength. The assembly is arc-welded steel that maintains consistent fluke-to-shank angles, ensuring quick penetration and a firm hold.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Solid Shank Penetrating Anchors

Solid shank for durability and strength.

Specifications

Part No.	A	B	C	D
9955-1	22.25"	18.38"	12.20"	10.0"
9956-1	28.18"	21.0"	14.50"	11.0"
9957-1	32.0"	24.0"	16.50"	12.0"
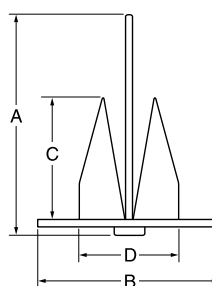
Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
#8	9955-1	*	—	
#13	9956-1	*	—	
#18	9957-1	*	—	

9956

Slip-Ring Penetrating Anchors

Feature a slip-ring shank for easy retrieval of a snagged anchor.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Specifications

Part No.	A	B	C	D
9960-1	13.85"	11.50"	8.75"	8.0"
9961-1	16.35"	13.25"	8.88"	8.88"
9962-1	19.85"	14.25"	9.50"	10.0"
9963-1	21.85"	21.0"	12.0"	12.0"
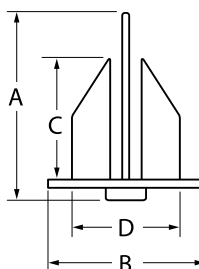
Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
#5	9960-1	*	—	
#7	9961-1	*	—	
#10	9962-1	*	—	
#13	9963-1	*	—	

9960

Grapnel Folding Anchors

Ideal four-fluke anchor for personal watercraft (PWC), small craft, and dinghies. Heavily galvanized, malleable iron.Folds up easily for storage. Lockable in opened or closed position.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3 lbs.	11964-1	*	—	
5 lbs.	11966-1	*	—	
7.5 lbs.	11968-1	*	—	

11964

Grapnel Anchor System

3.5 lb. anchor will hold your PWC, canoe, dinghy, kayak, or float tube in mud, sand, gravel, and rock. Includes 25 ft. of rope, marker buoy, giant snap hook, anchor, and durable, nylon storage case that protects your boat from scratches.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

11969

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Grapnel Anchor System	—	*	11969-4	*

Note- All Bulk Packed anchors include ID label with UPC number/bar code.

Anchor Chains and Shackle

For use on penetrating anchors. Anchor lead chain holds down anchor shanks, in order to keep anchor flat. Increases holding strength, especially in strong currents, high winds, and coastal waters. Protects line from chafing on sharp rocks. These anchor chains include a welded, oversized link on each end for easy installation and anchor attachment.

Description	Dimensions	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Hot dip galvanized with 2 shackles	1/4" x 4'	—		13753-7	

13753-7

Lift 'n Lock Anchor Control

Easy-to-use anchor lift and pulley system supports anchors up to 20 pounds with 1/2-inch diameter line (sold separately).

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Deluxe Anchor Control
- High-impact, reinforced nylon
- Stainless steel shafts
- Easy pull-up, lock, and release

Standard Anchor Control
- Economical zinc-plated, steel anchor lift
- Nylon pulley system
- Steel sheave controls anchor from any position

13702

13700

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Deluxe—Anchor Lift 'n Lock	—		13702-4	*
Standard—Anchor Lift 'n Lock	—		13700-7	*

Anchor Lift System

13710
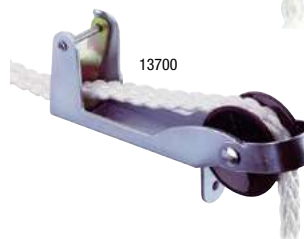
This convenient system drops the anchor at the turn of a button and stores it in the anchor mount housing when not in use. Constructed of heavy-gauge steel with a durable powder coated finish and mounts on the bow or stern corners most boats. Features self-lubricating nylon wheels. Capacity for 100 ft. of 3/16-inch line (Anchor Line and Pulley System sold separately).

2908

2906

* ⚠ **WARNING** Cancer and Reproductive Harm www.P65Warnings.ca.gov *(see page 240)*

—

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Anchor Lift System	—		13710-4	*
Tiller Line Pulley	2906-1	*	—	
3/16" x 100' Braided line for lift system	—		117553-7	

117553

Anchor Buoy

One-piece, heavy-duty construction uses premium marine-grade vinyl for softness, pliability, and superior durability. Built-in UV inhibitors help maintain high-visibility, fluorescent orange color. MicroGuard® technology further protects from rotting, mold, and mildew.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Buoy, 9"	—		9350-4	*

9350

Anchor Ring & Rope

Assists in anchor retrieval. Designed to lift anchor systems up to 80 lbs. where 10 feet or more of anchor chain is used. Lifting capacity based on anchor buoy size. Buoy sold separately.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Anchor Ring with rope	—		9351-2	

9351

Note- All Bulk Packed Chains/Shackles include ID label with UPC number/bar code

SOFTSIDE FENDERS

Attwood SoftSide fenders come with a lifetime guarantee against chalking, splitting, marring, deflating, and crushing. All SoftSide fenders are made in the U.S.A. and resistant to UV and fading. Soft to the touch and easy on hulls, consumers trust the Attwood name in fenders.

SoftSide Oval Mooring Fenders

Molded from a lightweight polymeric material that is soft to the touch, and easy on hulls, and resistant to UV, chalking, splitting, and crushing. Double-molded eye ends for extra strength. Seamless one-piece construction. Oval shape and ribbed sides resist rolling against hull.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Sold in a display carton for easy display
- Guaranteed for life against splitting or bursting

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4"-dia. x 16" L	White	—		9354D1	
	Blue	—		9354BD1	
5"-dia. x 22" L	White	—		9355D1	
5"-dia. x 22" L, 2-Pack	White	—		93552P2	
5"-dia. x 22" L, PDQ	Blue	—		9355BD1	
6"-dia. x 24" L	White	—		9356D1	
	Blue	—		9356BD1	
8"-dia. x 28" L	White	—		9358-1	
	Blue	—		9358B1	

Description	Dimensions	Mounting Pattern	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Pontoon Fender	8 1/2" x 16 1/2" x 10"	Strap	—		93536-1	*

93552P2

Pontoon Fender
93536

Note - All Bulk Packed fenders include ID label with UPC number/bar code.

SoftSide Dock Fenders

Molded from a lightweight polymeric material that is soft to the touch, easy on hulls, and resistant to UV, chalking, splitting, and crushing. Seamless one-piece construction.

- Sold in a PDQ display carton for easy retail display
- Guaranteed for life
- Made in the U.S.A.

Description	Dimensions	Mounting Pattern	Bulk Packaging	Aftermarket Packaging
12" x 12" Corner Dock Fender	11 3/4" x 11 3/4" x 4 1/2" Fits 90° angle"	Four 5/16" holes	—	**93531-1**
Straight-Edge Dock Fender	18" x 3 1/2" x 4 1/2"	Three 5/16" holes	—	**93532-1**
Slide-On Post Dock Fender	7" diam. x 15" height Fits up to 2 3/8" O.D. Post"	Four 5/16" holes	—	**93533-1**
Round Corner Dock Fender	7" diam. x 15" height Fits 90° angle"	Six 5/16" holes	—	**93534-1**
Long-Edge Dock Fender	45" x 8 1/2" x 6"	Four 5/16" holes	—	**93537-1**

Slide-On Post Dock Fender
93533

Round Corner Dock Fender
93534

Corner Dock Fender
93531

Straight-Edge Dock Fender
93532

Long-Edge Dock Fender
93537
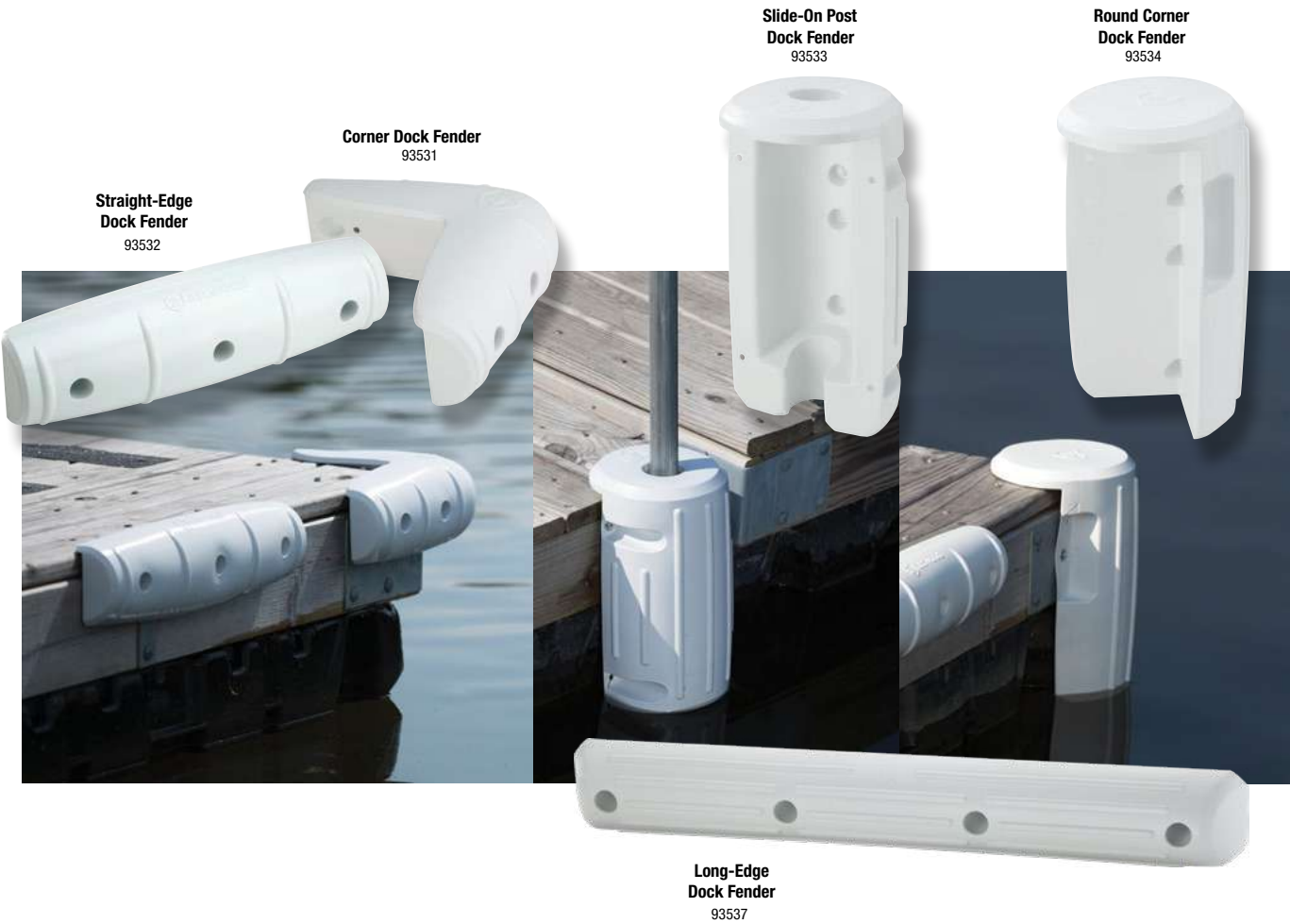
Note- All Bulk Packed fenders include ID label with UPC number/bar code.

Fold-Down Dock Cleats

Ideal for small boats and watercraft. Cleats simply fold-down when not in use and flip back up when it comes time to tie off. Low-profile, fold-down design keeps cleat clear of dock traffic. Marine-grade aluminum protected with corrosion-resistant finish. Easy to install on all dock types with (2) standard 3/8-inch carriage bolts (not included).

Description	Color	Bulk Packaging	Aftermarket Packaging
6" Fold-Down Cleat	White	—	12048-4
8" Fold-Down Cleat	White	—	12049-4

12048

Mooring Snubber Kit

This flexible snubber stretches to absorb shock and protect boats, cleats, and lines from the strain of wind and water. The resilience of the snubber can be adjusted to conditions by increasing or decreasing the amount of line wrapped around it. Includes snubber and 20 ft. of solid braided multifilament polypropylene dock line.

* ⚠ WARNING   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Thickness	Length	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Mooring Snubber Kit	3/8"	20 ft.	Blue	—		11730-7	

11730

Mooring Fender Lock Kit

Quickly and easily install or move fenders when mooring. Simply tie fender line onto key and insert key into lock. Includes (2) flush-mount stainless steel mounting plates and (2) stainless steel keys. Fasten with (2) #10 fasteners. Accepts up to 1/2-inch rope.

* ⚠ WARNING   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2" W x 1" H, Set	—		11575-3	*

11575

Boat Hook

Telescoping adjustment collar has molded ribbing – easy to grip and twist for length adjustment, even when wet. High-quality 6061-T6 aluminum tubing with marine finish and rubber vinyl grips. Hook includes non-marring polyethylene tips.

* ⚠ WARNING   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

11180

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Extends 3-1/2' to 5-1/2'	—		11150-5	*
Extends 3-1/2' to 8'	—		11180-5	*

MARINE ROPES & CORDAGE

Attwood offers a complete line of anchor and mooring products with the premium performance and quality that boaters have come to expect. Our rope products are packaged to look great, while meeting the sustainability and functional requirements demanded by our retail customers.

ROPE MATERIALS

NYLON

Nylon is recognized in the marine industry for its inherent strength, durability, and versatility. Its elasticity allows it to manage the sudden shock loads that would break ropes constructed from other materials, making it a leading choice for anchor and dock lines. Nylon is also abrasion resistant and will last much longer than natural fiber ropes.

Made from multifilament fibers that are light and heat stabilized, nylon rope is also resistant to rot, oils, gasoline, grease, marine growth, and most chemicals.

Benefits
- Strength
- Elasticity enables stretching and reduced breakage
- Resistant to UV light, rot, abrasion, mildew, oils, gasoline, and marine growth
- High wet strength

POLYPROPYLENE

Polypropylene offers high strength-to-weight performance and is available in many construction methods using monofilament fibers, which are smooth and velvety, and multifilament fibers. Both fiber types are UV stabilized to provide resistance against fading and degradation. Waterproof polypropylene ropes float and are also resistant to rot, oils, gasoline, and most chemicals.

Benefits
- Economical and versatile
- Resistant to UV light, rot, abrasion, mildew, oils, gasoline, and marine growth
- Floatable

ATTWOOD ROPE CONSTRUCTION TYPES

Twisted
- Splicable
- Economical construction
- The most common construction type for general purpose rope

Solid Braided
- Resists rotating underload
- Strong, soft, and light-weight construction
- Ideal for use in pulleys, guides, and blocks
- Resists unraveling when cut
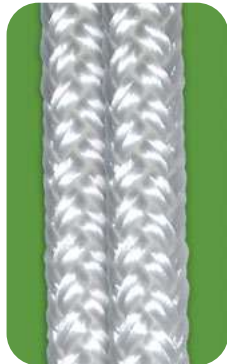
Double Braided
- Braid over braid construction (two ropes combined into one rope)
- Splicable
- Does not hockle, kink, or rotate underload
- Excellent shock absorbtion and elasticity

Diamond Braided
- High quality construction
- Tight interlacing of yarns
- Stiffer than solid braided rope

Hollow Braided
- Diamond braid construction with hollow center
- Easiest type construction to splice

ANCHOR LINES

Attwood offers anchor lines in different materials and construction types. Our twisted nylon construction is strong, hangs straight, and resists kinking. It can also be spliced, making it a favorite for the seasoned boater. Solid braided nylon lines are stable round cords that will not flatten out and will maintain a soft hand and flexibility throughout its life. We also offer a complete line of polypropylene anchor lines that are sure to meet the needs of any boater.

11707

Premium Nylon Anchor Line

Available with Snap Hook or Thimble

Description	Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
Twisted nylon line with hook	3/8"	50 ft.	White	—	11707-7
Twisted nylon line with thimble	3/8"	100 ft.	White	—	11734-1
		150 ft.	White	—	11708-1
		200 ft.	White	—	11716-1
	1/2"	100 ft.	White	—	11709-1

11709

Solid Braided MFP Anchor Line

Available with Spring Hook or Thimble

Description	Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
MFP line with spring hook	3/8"	50 ft.	White	—	11723-7
			Red	—	11736-7
			Blue	—	11741-7
			Black	—	11742-7
MFP line with thimble	3/8"	100 ft.	White	—	11724-1

11723   11724

Hollow Braided Polypropylene Anchor Line

Available with Snap Hook or Thimble

Description	Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
Polypropylene with snap hook	1/4"	50 ft.	White	—	11714-2
Polypropylene with spring hook	3/8"	50 ft.	Blue/White	—	11725-2
	1/4"	100 ft.	Blue/White	—	11722-2

11714

11725

DOCK LINES

Attwood has a selection of dock lines to meet all boater needs for securing their boat to a dock or to other boats when rafting. Whether in nylon or polypropylene, we have dock lines in the most popular sizes and styles. Our nylon dock lines are the strongest and most durable lines available, plus they are resistant to the degradation effects of UV rays.

Our polypropylene dock lines are floatable. All Attwood dock lines are pre-spliced at one end.

3-Strand Twisted Nylon **Double Braided Nylon** **Braided MFP** **Hollow Braided Polypropolene**

Premium 3-Strand Twisted Nylon Dock Line

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
3/8"	10 ft.	White	—	11711-7
	15 ft.	White	—	11705-7
1/2"	15 ft.	White	—	11706-7
	20 ft.	White	—	11733-7
	25 ft.	White	—	11715-7

11711

Premium Double Braided Nylon Dock Line

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 260)*

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
3/8"	15 ft.	Gold/White	—	11701-7
		White	—	117601-7
		Blue	—	117603-7
		Black	—	117604-7
	20 ft.	Gold/White	—	117563-7
		White	—	117605-7
		Blue	—	117607-7
		Black	—	117608-7
	25 ft.	Gold/White	—	117564-7
		White	—	117680-7
		Black	—	117681-7

11701

Premium Double Braided Nylon Dock Line (Continued)

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Thickness	Length	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1/2"	15 ft.	Gold/White	—		**117565-7**	
	20 ft.	Gold/White	—		**117566-7**	
		White	—		**117614-7**	
		Black	—		**117617-7**	
	25 ft.	Gold/White	—		**117567-7**	
		Black	—		**117621-7**	
	30 ft.	Gold/White	—		**117684-7**	
5/8"	35 ft.	Gold/White	—		**117525-7**	*

Gold/White

White

Red

Blue

Black

Braided MFP Dock Line

Description	Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
Double Braided	3/8"	15 ft.	Blue	—	11702-7
			Black	—	11703-7
Solid Braided	3/8"	15 ft.	White	—	11737-7
			Red	—	11749-7
			Blue	—	11750-7
			Black	—	11752-7
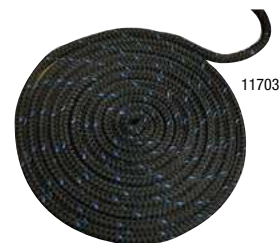
11703

Mooring Snubber Kit

This flexible snubber stretches to absorb shock and protect boats, cleats, and lines from the strain of wind and water. The resilience of the snubber can be adjusted to conditions by increasing or decreasing the amount of line wrapped around it. Includes snubber and 20 ft. of solid braided multifilament polypropylene dock line.

Description	Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
Mooring Snubber Kit	3/8"	20 ft.	Blue	—	11730-7

11730

11728

Hollow Braided Polypropylene Dock Line

- 15 ft. of hollow, braided polypropylene dock line
- All our polypropylene dock lines are floatable and pre-sliced at one end

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
3/8"	15 ft.	Blue/White	—	11728-2

Expandable Dock Mooring Line

- Absorbs shock by stretching from 4 ft. to 5.5 ft.
- Convenient and easy to use -- eliminates excess lines
- Perfect for multiple boat tie ups
- Hollow-braid polyethylene line and shock cord construction

Description	Length	Color	Bulk Packaging	Aftermarket Packaging
Expandable Dock Line	4 ft.	Black	—	11729D5

11729

Launch Line

- Solid braid MFP line includes spring hook and handy foam grip
- Easy to handle floatable line that dries quickly
- UV Resistant
- Helps assist or steer your boat when launching or loading

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
5/16"	30 ft.	Blue	—	11732-7

11732

FENDER LINES

Attwood Fender Lines are constructed of double braided or 3-strand twisted nylon for strength, flexibility, and durability. These premium lines feature a professionally spliced eye and are available in a range of diameters, lengths, and colors. Our Fender Lines will not be damaged by oil, grease, gasoline, mildew, or most chemicals.

Double Braided Fender Lines

11843

Description	Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
Double Braided Nylon, pair	1/4"	5 ft.	White	—	**11843-7**
		6 ft.	White	—	**11971-7**

UTILITY ROPES

We have just the unique rope product and accessory that are always practical and valuable for the many uses around the boat, marina and home.

Braided Polypropylene Utility Line

- Multi color offering
- 75 foot offering comes in PDQ retail display of four ropes
- 25 foot offering comes in PDQ retail display of three ropes

11704

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
3/8"	25 ft.	Multi	—	**11704-2**

Hollow Braided Polypropylene Utility Line

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
5/16"	50 ft.	Blue	—	**11713-2**
1/4"	40 ft.	Yellow	—	**11710-2**
	50 ft.	Yellow	—	**11720-2**
	100 ft.	Blue	—	**11721-2**

11710

11713

Diamond Braided Polypropylene Utility Line

- Great for miscellaneous uses around the boat, home, and marina
- Neon multi-color offering

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
1/8"	45 ft.	Neon Multi	—	11700-2

11700

Camouflage Cord Utility Line

- Great for hunting, fishing, boating, and camping
- 75 foot offering comes in PDQ retail display of four ropes

Description	Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
Diamond Braided MFP Camo Cord	1/8"	50 ft.	Camo	—	11717-2
		100 ft.	Camo	—	11718-2
	1/4"	50 ft.	Camo	—	11719-2

11717

Twisted Nylon Utility Line

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
1/4"	50 ft.	White	—	11726-2

11726

Solid Braided Nylon Rope

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
3/16"	100 ft.	White	—	117553-7

117553

Diamond Braided Nylon Rope

Thickness	Length	Color	Bulk Packaging	Aftermarket Packaging
1/4"	50 ft.	White	—	117561-2

117561

Winch Ropes

Durable winch ropes available in braided nylon and twisted polypropylene. For winches rated up to 1,200 lbs.

11739

Thickness	Length	Material	Color	Bulk Packaging	Aftermarket Packaging
3/8"	20 ft.	Twisted Polypropylene	Black	—	**11739-2**

Marine Bungee Cord Pack

Ideal for boat covers and general use.
- High tensile strength steel hooks with protective coating
- Contains: (8) 24" White, (6) 30" Blue, (2) 42" Yellow and (2) Adjustable Hooks for Customizing Length

11712

Description	Length	Color	Bulk Packaging	Aftermarket Packaging
18 Piece Assortment	Multi	Multi	—	**11712-7**

Flat Bungee Set

5-piece set includes 12", 15", 25", 35" and 45" premium flat bungees with plastic encapsulated hooks. Individual colors.

11753

Description	Length	Color	Bulk Packaging	Aftermarket Packaging
5-Piece Assortment	Multi	Multi	—	**11753-7**

MARINE ROPE ACCESSORIES

Rope Wraps

Wrap around and hold your ropes, cords, hoses, and more.

11792

Description	Bulk Packaging	Aftermarket Packaging
Three (3) 1" x 12" straps, with sewn in hook-and-loop fasteners	—	**11792-6**

FISHING ROD HOLDERS
& ACCESSORIES

The Fishing Leader!
- Make Attwood your fishing source
- Now, more than ever, Attwood is your best source for adjustable rod holders and interchangeable mounts. We think you'll agree — Attwood's comprehensive selection has you covered for all types of rod holders!

5010

Pro Series Rod Holders

Designed for use with bait casting and spinning reels. Heavy-duty, deep-tooth gear lock securely holds rod holder in mounting base.

* ⚠ **WARNING** Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

5 YEAR WARRANTY

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
with Combo Mount	Black	—		5010-4	*
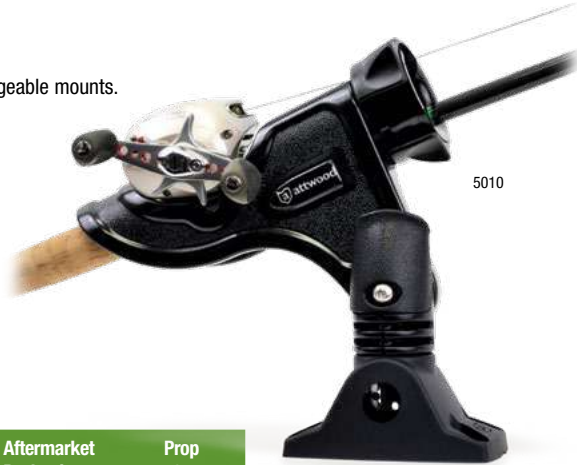
Heavy-Duty Adjustable Rod Holders

Designed for use with bait casting and spinning reels. Features an ergonomic design and easy-to-find rapid-release latch The large, easy-grip lock-nut offers an easy 180° vertical adjustment range for a variety of rod tip height settings.

3 YEAR WARRANTY

5009

Description	Color	Bulk Packaging	Aftermarket Packaging
with Combo Mount	Black	—	5009-4
	White	—	5009W4
with Flush Mount	Black	—	5014-4

2-In-1 Non-Adjustable Rod Holders

Features fixed vertical angle to optimize rod positioning. Smaller size is perfect for medium and light action gear. Rod throat opening fits most standard and ultra-light rods up to 1-3/16-inches diameter. Locking ring fits spinning reel handle shanks up to 7/16-inch diameter. *Available as a double-pack.*

Description	Color	Bulk Packaging	Aftermarket Packaging
with Side Mount, Pair	Black	—	RH-4646

Includes Side Mount

Note - 2-In-1 Bulk Packed Rod Holders include ID label with UPC number/bar code

Heavy-Duty Rod Holder Extensions

For use with all Attwood mounts including combo mount, Attwood standard side mounts, and other leading rod holder mounts. Complete with all necessary hardware to mount to round or square 7/8-inch to 1-1/4-inch diameter rail.

3 YEAR WARRANTY

Description	Bulk Packaging	Aftermarket Packaging
Black Extension	—	5016-3

5016
Heavy Duty Rod Holder Extension

Heavy-Duty Rail Mount

For use with the Heavy-Duty Combo Mount. Complete with all necessary hardware to mount to rails from 3/4-inch to 1 1/4-inch width.

3 YEAR WARRANTY

Description	Bulk Packaging	Aftermarket Packaging
Black Mount	—	5012-7

5012
Heavy Duty Rail Mount

Heavy-Duty Combo Mounts

The combo rod holder mount allows for mounting in multiple configurations. This new design offers an improved fit with positive lock for secure rod holder mounting. Can be mounted on side or top of gunwale. Compatible with all Attwood and other leading rod holder mounting patterns.

3 YEAR WARRANTY

Description	Bulk Packaging	Aftermarket Packaging
Black Mount	—	5011-7

5012/5011
Heavy Duty Combo Mount & Rail Mount

Flush Mounts

Mounts flush to gunwale or deck. Easy-open cover conceals fasteners and elastomeric liner seals water out. When closed the low profile, smooth, contoured design avoids snagging lines.

Description	Bulk Packaging	Aftermarket Packaging
Black Mount	—	5022-7

5022

Heavy-Duty Clamp-On Rod Holder Mount

Heavy-duty adaptor clamp easily mounts rod holder to gunwale or transom. Ideal for aluminum fishing boats and pontoons. Works together with Attwood's Heavy-Duty Combo Mount and other Attwood fishing accessories. Mounting hardware included.

Description	Bulk Packaging	Aftermarket Packaging
Gunwale/Transom Rod Holder Clamp	—	5030-4

5030-4

Clamp-On Rod Holder

Versatile Clamp-On Rod Holder features wide adjustability and a universal clamp design that allows easy mounting to gunwales, transoms, and rails. Constructed of powder coated steel for durability and long life.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Clamp-On Rod Holder	Black	—		5031D1	*

5031

Mini Rigger Kit

A complete package to start downrigger fishing. Attwood's Mini Rigger Kit bring controlled-depth trolling capabilities to boats of all size. Kit includes Heavy-Duty Combo Mount for multiple mounting configurations, heavy-duty and easy to use professional line release, swivel head pulley to respond to line movements, 100 ft. of stainless steel line, 4 lb. cannonball weight, and an easy grip handle.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Mini Rigger with Harness	—		9709-7	*

9709

Lure Rack

The lure rack holds up to 25 lures, plus a fillet knife and pliers. Has slots for fillet knives.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Lure Rack	—		11848-4	*

11848

Sure-Grip Steel Rod Holders & Mounting Bases

Attwood's line of Sure-Grip Steel Rod Holders are the perfect complement to our molded Pro-Series and Heavy-Duty Adjustable rod holders. They are designed for drift fishing, pan fishing, crappie, and more. Make Attwood your single source for all types of rod holders!

The 3/8-inch diameter coated steel rod is tough, strong, and corrosion-resistant. UV-resistant plastic coating protects the rod butt and handle. Stainless steel exposed stem and wing nut offer years of corrosion-resistant use.

Attwood Sure-Grip mounting bases fit a variety of mounting surfaces including rails. Constructed of extruded aluminum.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description		Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
SURE-GRIP STEEL ROD HOLDERS					
5° Angle, 4" S.S. Stem & Wing Nut, For horizontal rod position, includes 5071 mounting base		—		5060-3	
5° Angle, 8" S.S. Stem & Wing Nut, For horizontal rod position with added clearance, includes 5071 mounting base		—		5061-3	*
25° Angle, 4" S.S. Stem & Wing Nut, For drifting or trolling	Includes 5071 mounting base	—		5062-3	*
	Includes a pair of rod holders and 5071 mounting bases	—		—	
45° Angle, 4" S.S. Stem & Wing Nut, For trolling, includes 5071 mounting base		—		5063-3	*
SURE-GRIP MOUNTING BASES					
Side mount base, fits gunwale or rail		—		5070-3	
Flush base, fits 2" flat surfaces		—		5071-3	
Flat rail base, fits square rail		—		5072-7	
Clamp-on rail base, fits round rail up to 7/8"-dia.		—		5074-3	

5060

5061

5062

5070

5071

5072

5074

5063

ROD HOLDERS

Stainless Steel Flush Mount Rod Holders

Attwood Stainless Steel Rod Holders answer the need for the finest in finish, function, and durability. The holders are available in 30°, 15°, and 0° configurations in standard 2-inch diameter or in the robust 2-1/4-inch diameter Big Game Series. All Stainless Steel Rod Holders have these outstanding features, including optional custom-casting or electrolytic etching of your logo in the flange. Contact your Attwood representative for details.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Optional, U.V. resistant, Cover Cap/Gasket closes tube when not in use

Flange is cast from Enhanced 316 Stainless Steel

Your custom logo can be cast into flange

Gasket provides water seal around flange

U.V resistant polymer liner protects finish on rod and reel

Polished 316 grade stainless steel tube for corrosion-resistance

Rod handle pin holds base of rod

Pin installed through rubber liner to prevent movement or loss of liner

Description	Flange Shape	End Type	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
CLOSED END - 2" DIAMETER X 9" LENGTH							
30°	Rod Holder	Round	Closed	Black	66470-1	*	66470-7	*
0°	Rod Holder	Round	Closed	Black	66471-1	*	66471-7	*
STANDARD SERIES - 2" DIAMETER X 7-1/2" LENGTH							
30°	Rod Holder	Oval	Open	Black	66362-1	*	66362-7 ▽	*
			White	66362W1	*	66362W7 ▽	*
	Cap Gasket		Black	1478-1	*	—	
			White	1478W1	*	—	
15°	Rod Holder	Oval	Open	Black	66363-1	*	66363-7 ▽	*
			White	66363W1	*	66363W7 ▽	*
	Cap Gasket		Black	1477-1	*	—	
0°	Rod Holder	Oval	Open	Black	66364-1	*	66364-7 ▽	*
			White	66364W1	*	66364W7 ▽	*
	Cap Gasket		Black	1476-1	*	—	

Closed End

66470

66471

Closed End Base Polished end has drainage opening for 14-18 NPT fitting

Standard/Big Game Series'

66362

66363

66364

▽ *Includes Cap Gasket*
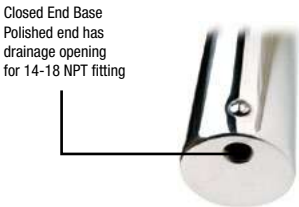
Hybrid Rod Holder

10-inch long ABS plastic tube with stainless steel cap.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
ABS plastic with Stainless Steel cap, 30° angle	6450-1	*	—	
ABS plastic with Stainless Steel cap, 0° angle	6451-1	*	6451-7	*

6450   6451

Plastic Rod Holders

Durable plastic construction. No liner needed. Holder is angled at 30º for proper rod tip tension. Installation hole size: 2-1/2 inch diameter. Flange has three holes for 1/4 inch screws. Accommodates standard rod grip sizes under 1-1/2 inch diameter.

Description	Color	Bulk Packaging	Aftermarket Packaging
ABS plastic	Black	12701-1	12701-5
ABS plastic, 8 piece Display	White	—	12703D1
ABS plastic, closed end	Black	12704-1	—

12703D1

Stainless Steel Clamp-On Rod Holder

304 stainless steel with black composite liner. Can be used on vertical or horizontal rails. Adjustable for rails 7/8-inch to 1-inch diameter. 9-inch length, 1-3/4-inch inside diameter tube.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel	—		66970-7	*

66970

ROD STORAGE

PVC Rod Holder Storage

Durable white PVC tube side mounts with molded out area to accommodate standard rod grip sizes up to 1-3/4-inches. 9-inches long.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
PVC Rod Holder Storage	—		12708-2	*

12708

Boat Deck Rod Holder Set

Mounts rod and reel combo to deck of the boat. Prevents rod and reel from bouncing out of boat while traveling. Holds up to five rods.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
• Set includes: (1) 10-inch (25 cm) strap for the handle end of the rods, (1) 6-inch (15 cm) strap for the tips and stainless steel mounting hardware.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Deck Rod Holder Set	—		12760-7	*

12760

Vertical Mount Rod Holder

• Mounts vertically in application to hold 5-6 rods horizontally
• Molded rubber inserts secure rod butt and tip
• Holds in a crisscross manner, allowing storage of more rods in a smaller space

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Vertical Mount, Rod Holder Set	—		12761-7	*

12761

Rod Storage Holder

12750

Holds up to three fishing rods. Closed-cell foam insert protects rod. Mounts vertically or horizontally. 8-3/4 inches L x 2-1/2 inches W.

Description	Bulk Packaging	Aftermarket Packaging
Black ABS frame, black foam	—	12750-6

FISHING NETS

Fold-N-Stow Fishing Nets

Fold down for convenient and compact storage or extend for added reach with Attwood's line of Fold-N-Stow Fishing Nets. A flip of the handle opens and locks the net into place. Easily pull back the trigger and the net collapes down into a stowable size. Constructed of durable, knot-free netting.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions At Full Extension	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Small Folding Net, Ideal for Trout Fishing	24" L x 12.5" W x 10" D	—		**12772-2**	*
Medium Folding Net, Ideal for a Variety of Applications	47" L x 16" W x 16" D	—		**12773-2**	*
Large Folding Net, Ideal for Heavy Duty Applications	81" L x 27" W x 27" D	—		**12774-2**	

12772

12773

12774

SpillBuster™

Eliminate messy and potentially dangerous spills with this versatile spout that easily attaches to your oil and fluid bottles. On/off valve controls liquid flow. SpillBuster fits 1-quart, 1-gallon, and most 5-quart bottles. Removable cap seals shut.

Description	Bulk Packaging	Aftermarket Packaging
SpillBuster spout	—	**14584D1**

14584D1

Deluxe Deck Brush Kit

Kit includes:
- Soft brush with squeegee end for gentle, scratch-free cleaning
- Telescoping aluminum pole with flow-through design has water on/off switch and comfortable foam grips
- Nylon boat hook attachment

   * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Deck Brush Kit	—		**11807-2**	*

11807

Spiral Watering Hose

- 3/4 inch end fittings
- Easy to store. No tangles, always kink-free.
- Weatherproof

   * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/8" I.D. x 25' Long	—		**11871-7**	*

11871

Prop Wrench Kit

Offers multiple sockets to fit from 17/32-inch to 1-1/4-inch, allowing consumers to service multiple props. Built of durable composite.

   * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Wrench with up to 1-1/16 inch prop nuts	—		**11370-7**	*
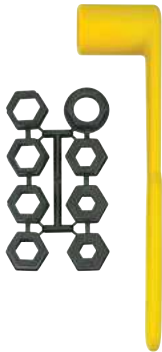
11370

Pontoon Replacement Latch

This durable lock set is a complete replacement kit for your pontoon's gate latch. Universal sizing fits square frames of 1, 1-1/8, and 1-1/4 inch on both left- and right-hinged gates. Secure closure stabilizes gate and prevents inward swinging. Includes mounting hardware for quick and easy installation.

Description	Bulk Packaging	Aftermarket Packaging
Universal Replacement Gate Latch. 8-1/2" x 9-1/2" x 5-1/2"	—	**11404-6**

11404

INTERIOR & BOATING ACCESSORIES

Soft Grip Steering Wheel

Ideal steering wheel for bass boats, sport boats, and runabouts. Patented design provides a comfortable, and firm grip. Contemporary styling with soft, black PVC outer rim and high-impact, one-piece plastic inner core. Resists UV rays to prevent fading. Soft Grip is non-magnetic so it will not interfere with compass readings.
3-3/8 inches deep dish. Fits all standard 3/4-inch tapered shafts and conforms to ABYC P-22 and ISO 8848.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
- 8314 NMMA "As Approved": 090070; CE Certificate WATT005
- 8315 NMMA "As Approved": 090071; CE Certificate WATT004

Description	Center Cap	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
13"-diameter rim	Black plastic	—		8315-4	*

8315 with cap

Tiller Line Pulleys

Non-magnetic 300 series stainless steel body and strap with plastic sheave for wire rope tiller lines. Pulley strap included. Meets ABYC Standard P-18. Swivel pulley rotates 360° on vertical axis. Open eye design for easy installation. Simply mount the strap and attach the pulley. Shrouded body design keeps tiller line in sheave track.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Overall Length	Sheeve Groove Dia.	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Swivel	4"	2"	2906-1	*	2906-3	*

2906

Pulley System

Ideal for use in guiding anchor lines and more.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Pulley System	—		2908-6	*

2908-6

Tiller Line Clamp

Two screws lock plates together to hold tiller lines in place. Die-cast ZAMAK with chrome finish.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
For 3/16" to 1/4" dia. line	—		8043-3	*

8043

Standard Glove Box

Plastic box and door are light-weight, yet sturdy. Door opens and closes easily on a stainless steel hinge pin and locks with a marine locking latch.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Door Dimensions	Inside Dimensions	Installation Hole Size
13-3/4" L x 5-1/2" H	11-3/4" L x 4" H x 6-5/8" D	12" L x 4-1/4" H

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black	2638-1	*	—	

2638

Letter & Number Kit

- 3-inch, waterproof vinyl, pressure-sensitive labels
- Resists fuel, fading, and scratches
- Kit contains: Four of each letter and number, plus twelve dashes totaling 148 pieces
- Meets USCG guidelines

  * ⚠ **WARNING** Cancer and Reproductive Harm
  – www.P65Warnings.ca.gov *(see page 240)*

14142

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
White, 148 pieces	—		14141-7	*
Black, 148 pieces	—		14142-7	*

Rope Ladder

White, five-step boarding ladder. Sturdy 11-3/4 inch blow molded steps. Textured step surface for sure footing. Steps connected by a nylon rope with top loop that quickly secures to cleat or railing.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Rope Ladder	—		11865-4	*

11865

BOAT HORNS & SAFETY PRODUCTS

Hidden Horn Kit

Mounts below deck, behind dash, or behind console. Meets ABYC standards for boats up to 16.4 ft. (5 meters), and USCG standards for boats up to 39.4 ft. (12 meters). Heavy-duty marine construction. For 12-volt DC systems only.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3" L x 3 1/4" W x 1 3/4" D	—		**11477-3**	*

11477

Hidden Horn

Low profile drop-in horn with grills. Design allows easy installation. Easily retrofitted. Comes with black and white cover. 12-volt DC. ABYC compliant with A-16 standards.

Description	Bulk Packaging	Aftermarket Packaging
Drop-In Hidden Horn, includes black and white cover	—	**11478-7**

11478

Air Horns

Perfect for boating, sporting events, camping, and bicycles.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Single Pack Air Horns				
1.5 oz.	—		**118090-7**	*
3.5 oz.	—		**118091-7**	*
8 oz.	—		**118092-7**	*
Refill Packs				
8 oz. Refill	—		**118089-7**	

118091

Bellow Signal Horn

Lung-powered horn does not use CO2, Freon, or batteries. Designed for personal protection and safety on land and on water. Meets U.S. Coast Guard Rule 33 (Annex III) and Federal/EPA regulations.

Description	Bulk Packaging	Aftermarket Packaging
8" H x 31/2" W	**2460-1**	**2460-7**

2460

PORTABLE LIGHTING

Portable Spot Light

Compact 5-watt LED spot light can be stored most anywhere on the boat. Light output is 400 fixture lumens with 50,000 hours of life. Tough thermoplastic construction in safety yellow/black. Includes a 12-volt "cigarette-style" adaptor plug with fuse.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Compact Spot Light w/10' power cord	—		11794-7	*

11794

LED Portable Light Kit

Be seen and be safe with these compact and portable LED navigation lights. All new portable navigation lights are more durable, easier to use, and include Attwood's strongest mounting and pole configurations. Ideal for personal water craft, camping, and hunting. Kit includes red/green LED bow light, white LED stern light, quick-release mounts, pole, and hardware.

 * ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Water-resistant bow and stern navigation lights
- Attwood's most durable, portable LED navigation light engines
- Sealed electronics, built to last in harsh conditions
- Sealed, shock-proof composite housing
- Shatter-proof polycarbonate lens
- 150+ hour run-time on three AAA batteries (not included)
- New telescoping and threaded poles
- New heavy-duty C-clamp and kayak pad mounting options

14190
BOW   STERN

Description	Finish	Pole Style	Mounting Style	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Clamp-On LED Light Kit	Marine Gray	Threaded	C-Clamp	—		14190-7	*
	Real Tree® Max-5 Camouflage	Threaded	C-Clamp	—		14191-7	
	Marine Gray	Telescoping	C-Clamp	—		14194-7	*
	Real Tree® Max-5 Camouflage	Telescoping	C-Clamp	—		14195-7	*
Deck Mount LED Light Kit	Marine Gray	Telescoping	Optional screw-down or adhesive pad	—		14192-7	*
	Real Tree® Max-5 Camouflage	Telescoping	Optional screw-down or adhesive pad	—		14193-7	*
All-Craft Navigation LED Light Kit	Marine Gray	Threaded	C-Clamp, screw-down and adhesive pad	—		14196-7	*
	Real Tree® Max-5 Camouflage	Threaded	C-Clamp, screw-down and adhesive pad	—		14197-7	*

REALTREE MAX-5

14191
BOW   STERN

BOATERS SAFETY ACCESSORIES

Bailer Safety Kit

Kit Includes: waterproof emergency flashlight, bailer with easy-grip handle, 50 ft. marine rope with float,
Pealess flat safety whistle with lanyard, and seamless "O" Ring.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
5-Piece Kit	—		11830-2	*

11830

Whistles–Ball & Flat

- A perfect signal whistle for attaching to life vests
- Lanyard included

Description	Dimensions	Bulk Packaging	Aftermarket Packaging
Plastic Ball Type	2-1/4" x 3/4"	—	11866-6
Plastic Flat Type	1-7/64" x 2-51/64" x 5/16"	—	11829-6

11866

11829

Floating Key Buoy

- Water resistant
- Cover snaps tight for storage of small items
- Distinctive orange top for easy visibility

Description	Bulk Packaging	Aftermarket Packaging
Floating Key Buoy	—	11875-7

11875

Key Floats

Prevent loss of keys when dropped overboard. Three colors: orange, white and blue,
with Attwood logo.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
PDQ Carton, 24-Piece	—		11889D1	*

11889

Telescoping Paddle

- Compact for easy storage
- Telescopes to 42" (1.06m)
- High impact plastic blade with corrosion-resistant aluminum pole

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Aftermarket Packaging	Prop 65
Paddle, telescoping - 3.5'	—	11828-1	
Paddle, telescoping - 4.5'	—	11826-1	*

11826-1
11828-1

MIRRORS

Note: In some states and provinces, ski mirrors of a certain size/dimension, and/or an onboard observer may be required. Check local requirements.

Wide View Ski Mirror

For installation on windshields 1/2-inch to 1-inch thick (or thinner with customer's own spacer). Provides extra-wide mirror for safe visibility. Molded plastic frame, polished convex mirror, and adjustable base (up-and-down or side-to-side, then secures in desired location). Includes Allen wrench.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
11-3/4" W x 4" H, Adjustable	—		13065-4	*

13065

Chrome Ski Mirror

Universal mount installs on dash or windshield. Shatterproof, 180° convex mirror eliminates blind spots. Mirror is compact and constructed of lightweight, chrome plated ZAMAK. Mirror adjusts to any position up-and-down or side-to-side, then secures in desired location.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions	Max. Windshield Thickness	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Perma-Plate®, Adjustable	7-5/16" W x 2-1/2" H	3/4"	—		9083-7	*
Chrome-plated, Adjustable	7" W x 3-1/4" H	1"	—		13055-4	*

9083

13055

Clamp-On Ski Mirror

Universal mount fits up to ½-inch thick window frames and adjusts easily to meet most boat applications. Curved mirror provides a wide field of view. Soft touch mounting clamps protect windows and frames. Zinc plated hardware and powder coated shaft assembly.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions	Max. Windshield Thickness	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Clamp-On Ski Mirror, Universal Mount		1/2"	—		13066-7	*

13066

DRINK HOLDERS

LED Stainless Steel Drink Holders

Convenient and stylish LED drink holder makes it easy to see in low-light conditions. The vibrant 35 Lumen interior light ring comes in blue and white to complement all boat interiors. 12 VDC.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions	LED Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
LED Stainless Steel Drink Holder	3.2" D x 3.6"-dia.	Blue	11786B-1	*	11786B-7	*
LED Stainless Steel Drink Holder	3.2" D x 3.6"-dia.	White	11786W-1	*	11786W-7	*

11786B

11786W

Molded Plastic Gimballed Drink Holders

Self-leveling drink holders with slot for coffee cup handle. For boats, cars, and RVs. Molded plastic. Includes gimbaled surface-mounting bracket. Self-draining.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4" H x 4-3/8" W	White	—		11631-4	
	Black	—		11635-4	*

11631

Recessed Drink Holders

Available in sizes for a variety of cans, bottles, and glasses. Each has holes for self-draining.

Description	Dimensions	Bulk Packaging	Aftermarket Packaging
Regular, Black	1-7/8" D x 3"-dia.	11787-1	—
Deep, Black	2-7/8" D x 3"-dia.	11788-1	—
Large, Black	3-1/8" D x 3-3/4"-dia.	11789-1	—
Large, White	3-1/8" D x 3-3/4"-dia.	—	11789WD1
Large, Stainless Steel	3-1/8" D x 3-3/4"-dia.	11845-1	—

11788

11845

11789W

Formed Wire Gimballed Drink Holders

Formed, chrome-plated steel drink holders are ideal for boats, cars, and RVs. Includes a gimbaled surface-mounting bracket that keeps drinks level to prevent spills. Includes mounting screws.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk9 Packaging	Prop 65	Aftermarket Packaging	Prop 65
Standard, ideal for 12-ounce cans	—		11670-4	*
Large, with slot for mug handle, includes cooler	—		11672-4	*

11670

11672

Fold-Up Drink Holders

Two easy-to-use, fold-up designs. Holds coffee mugs with a handle, 12-ounce cans, or drink insulators. Mount quickly and easily on boats or RVs. On dual-ring models, flip the small ring up to hold small drinks; for large drinks, flip the small ring down and use the large ring. When not in use, flip ring(s) down and close the cover for convenient storage. 7/8-inch closed depth. Four holes for #10 screws.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description		Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Dual Ring	Polycarbonate construction 4-5/8" H x 4-9/16" W x 4-3/4" D	Black	—		2445-7	
		White	2449-1		2449-7	
Single Rigid Ring	Molded ABS plastic 3-7/8" H x 3-3/4" W	Black	—		11654-3	*

2445 11654

STORAGE CADDIES

Storage caddies keep your boat organized. Easy-to-mount suction cups stay secure, even in rough conditions. Caddies can be mounted in back or on the bottom and can be permanently attached with screws. Non-corrosive white plastic.

Cockpit Caddy

Great organizer for fishing gear and personal items. Has slots for fillet knife, pliers, and over 22 lures.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Cockpit Caddy	—		**11849-2**	*

11849

Cruiser Caddy

Large storage space holds personal items and a beverage. Has slots for three lures and space for handled mug.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Cruiser Caddy	—		**11851-2**	*

11851

Safety Orange Boater's Box

Keep your maps, electronics, and other equipment safe while on the water.

- Perfect for use on the boat, at the dock, at home, or in the field
- The lift out tray is great for organizing small items and the flip-up lid provides easy access to your stored items
- Flip latch provides a secure method to keep your belongings safe

11834

Description	Bulk Packaging	Aftermarket Packaging
Safety Orange	—	**11834-1**

Cooler Mounting Kit

- Cooler corners stay put with straps to prevent injury or boat and cooler damage
- Quick disconnect strap design
- Corrosion resistant
- Fastens with #8 screws

14137

Description	Bulk Packaging	Aftermarket Packaging
Cooler Mounting Kit	—	**14137-7**

Dry Case Personal Storage

Heavy duty case protects personal gear and electronics. Waterproof up to 80 ft. Strong locking clasp and hinges. Includes carrying lanyard.

Description	Dimensions	Bulk Packaging	Aftermarket Packaging
Dry Case–Large	7-1/4" x 4-3/4" x 1-5/8"	—	**11896-1**

11896

Heavy-Duty Dry Bags

Heavy-duty, 500 denier PVC fabric construction in safety yellow with black accented components. Strong over-molded carry handle and lower draw straps for maximum compression.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Dry Bag–40 Liter	—		**11894-2**	*
Dry Bag–20 Liter	—		**11897-2**	*

11894

ELECTRICAL ACCESSORIES

Battery Boxes

Meet ABYC standard E-10 and U.S. Coast Guard Specification Number 183.420 as an OEM-installed battery hold-down system. Polypropylene construction for total acid resistance. Hold-down straps resist 350 lbs. of force, nearly four times the USCG requirement. Drop tested in temperatures ranging from -20°F to +120°F. Mounting hardware included.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Small Battery Box
For smaller batteries like Series 16 and those used in jet skis, power lawn, and garden equipment.
Vented black battery box (5-7/8 inch maximum battery block height, 7-7/8 inch maximum battery height with terminals).

Standard Battery Box
Vented and non-vented battery box for standard size, Series 24 batteries (8-3/16 inch maximum battery block height, 10-1/8 inch maximum battery height with terminals).
Note: 9069 cover is non-vented and is not for marine use.
- Four cable openings, enlarged to .55 inch-diameter
- Larger handles with rolled edges
- Instructions molded inside cover

Power Guard 27 Battery Box
Vented black battery box for Series 27 batteries (8-1/2 inch maximum battery block height, 10-1/2 inch maximum battery height with terminals).
- Four cable openings, enlarged to .55 inch-diameter
- Larger handles with rolled edges
- Instructions molded inside cover

Large Battery Box
Vented black battery box for larger applications (7-15/16 inch maximum battery block height, 9-3/4 inch maximum battery height with terminals).

Power Box, F27 Series
- LED battery level indicator with one-touch test button
- Heavy duty non-corrosive black plastic box
- Hold-down strap included
- 12-volt DC accessory adapter port with 10-amp fuse built-in
- External terminals

Battery Box Description	Battery Series	Dimensions with Lid Installed		Strap Length	Color/Style	Bulk Packaging	Prop 65
		Inside Dim. (L x W x H)	Outside Dim. (L x W x H)				
Small	U1	10-5/8" x 7" x 10-1/8"	11" x 7-1/2" x 8-3/4"	40"	Black, vented	**9082-1**	*
Standard	24/24M/24F	10-5/8" x 7" x 10-1/8"	14" x 9-5/8" x 10-5/8"	40"	Black, vented	**9065-1**	*
					Black, non-vented	**9069-1**	
Power Guard 27	27/27F/27M	13-1/16" x 6-15/16" x 10-1/2"	16-7/8" x 9-5/8" x 10-7/8"	40"	Black, vented	**9067-1**	*
Large	29/31	15-7/16" x 6-15/16" x 9-3/4"	18-3/4" x 9-1/4" x 10-1/4"	38"	Black, vented	**9084-1**	
Power Box	27F	—	—	44"	Black	**9076-1**	*

9082

9065

9067

9084

9076

Battery Tray with Straps

A simple-to-install battery holder that fits into limited spaces. For batteries up to 10-1/2 inches in height. Provide simple installation for changing or replacing batteries. The polypropylene hold-down strap has a positive locking, quick-disconnect buckle. Molded base mounts with four #10 panhead fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Inside Dimensions	Battery Series	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
24 Series	7" L x 11" W	24/24M	—		9092-5	*
27 Series	12-3/8" L x 7-1/8" W	27/27M	—		9093-5	*
29/31 Series	12-7/8" L x 7" W	29/31	9099-1	*	9099-5	*

9092

Heavy-Duty Battery Trays

Made of non-corrosive black plastic. Includes adjustable height crossbar and stainless steel retaining bolts. Meet ABYC Standard E-10 and U.S. Coast Guard requirements. Install with #10 fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Inside Dimensions	Battery Series	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
24 Series	10-7/16" L x 6-7/8" W	24/24M	9096-1	*	9096-5	*
27 Series	12" L x 6-7/8" W	27/27M	9095-1	*	9095-5	*
29/31 Series	13-1/16" L x 6-7/8" W	29/31	9094-1	*	9094-5	*

9096

Heavy-Duty Adjustable Battery Trays

Made of heavy-duty, non-corrosive, black plastic, this tray extends up to 9.5-inches, making it ideal for taller batteries. Includes adjustable-height crossbar and (2) retaining bolts. Contains no metal parts to corrode and no webbing straps to fade. Ergonomic nuts and bolts easily secure batteries. Meet ABYC Standard E-10 and USCG requirements.

- Rust-proof tray adjusts from 7 – 9.5-inches for taller batteries
- Meets ABYC Standard E-10 and US Coast Guard requirements
- Made in the USA

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Inside Dimensions	Battery Series	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
24 Series Battery Tray	10-5/8" x 6-3/4"	24/24M/24F	9097-1	*	9097-5	*
27 Series Battery Tray	12-1/8" x 6-3/4"	27/27M/27F	9098-1	*	9098-5	*

9097

Adjustable Battery Trays*

Heavy-duty, non-corrosive black plastic. Includes adjustable-height crossbar and two retaining bolts. Meets ABYC Standard E-10 and U.S. Coast Guard requirements. Patented design. Install with #10 fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Inside Dimensions	Battery Series	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
24 Series Battery Tray	10-5/8" x 7-1/4" x 8-1/2"	24/24M	9090-1	*	9090-5	*
27 Series Battery Tray	12-5/8" x 7-1/4" x 8-1/2"	27/27M	9091-1	*	9091-5	*

9091

Battery Box Hold-Down Straps and Hardware

Straps are woven polypropylene with firm-grip buckles and are completely resistant to battery acid.
Kit includes (4) #8, 3/4-inch screws and two footman clamps.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Fits Battery Box(es)	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Medium strap kit, 40"	9065, 9065A, 9067, 9082, 9069	9013-1	*	9013-3	*
Medium strap only, 40"	9065, 9065A, 9067, 9082, 9069	9014-1		9014-3	
Long strap kit, 54"	9084	—		9013A3	*
Long strap only, 54"	9084	9014A1		9014A3	
Mounting hardware only	—	9006-1	*	—	

9013

Battery Maintenance Charger

Fully-automatic on-board charger provides a 1.5-amp maintenance charge. Designed to maintain 12-volt batteries. Water-resistant with safety features, such as short circuit connection and reverse polarity protection. LED status indicators.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Specifications	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
On-Board Battery Charger	1.5-amp, 12-volts, 1 bank operation	—		11900-4	*

11900

Battery Charger

Dual rated 12-and 6-volt battery charger can be used for all of your marine, automotive, RV, and sport applications. The charger is compact and perfect for your bench, garage, or shop use. LED indicators let you know that your battery is fully charged. Overcharge, short circuit, and reverse polarity protection provide years of worry-free use.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
12 / 6-volt, 6-amp / 2-amp Battery Charger	—		11901-4	*

11901

Polarized/Wing Nut Battery Terminals

Lead terminals with wing nuts and cadmium-plated bolts. Clamps are stamped with negative (-) or positive (+) sign.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Negative and positive, set	—	*	14215-6	*

14214/14215

Battery Clips

Quick-connect battery clips for 12-volt electrical accessories. 10-amp rated, copper-plated construction with red and black handle grips. For use with wire up to 10-gauge.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Battery Clip Set, 10-amp	—		14258-6	*
Battery Clip, Individual, Black	14258B1	*	—	
Battery Clip, Individual, Red	14258R1	*	—	

14258

4-Way Battery Selector Switch

Single-pole, triple-throw switch permits four connection modes: battery one, battery two, two batteries in parallel, or both off. Rated for 300-amps continuous at 6-volt DC and 150-amps continuous at 12-volt DC. For 6-volt to 32-volt D.C. systems. Includes alternator field circuit disconnect to prevent surges. Selector has positive click positions. Bakelite housing with copper washers, brass terminals, and brass nuts. Install with #10 screws.

Description	Bulk Packaging	Aftermarket Packaging
5-1/2" dia. x 2-3/4" deep	—	**14230-3**

14230

Battery Switch

Compact and heavy-duty battery switch with removable control knob to deter theft. 12-50-volts DC / 200-amps continuous / 300-amps intermittent / on-off-separate. For use with one battery.
- Ergonomic grips
- Removable walls for easy installation and access

Description	Bulk Packaging	Aftermarket Packaging
Battery Switch 12- to 50-volt DC, on/off	—	**14233-7**

14233
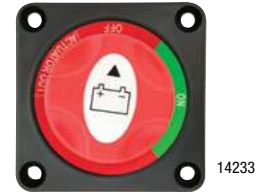
Dual Battery Selector Switch

Compact and heavy-duty battery switch with removable control knob to deter theft. 12-volts DC - Off / 1 / 1+2 / 2 12-volts DC / 220-amps continuous / 400-amps 5 min intermittent / off. For use with up to two batteries.
- Ergonomic grips
- Removable walls for easy installation and access

Description	Bulk Packaging	Aftermarket Packaging
Battery Switch 12-volt DC, off/1/1+2/2	—	—	**14234-7**

14234

ATO/ATC Fuse Holder

Watertight, extra heavy-duty, and weatherproof. For use with fuses up to 30-amps. 12-gauge wire leads for easy hook-ups. Fuse not included.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

14348

Description	Wire Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
ATO/ATC Fuse holder, 30-amp	12-gauge	—		**14348-6**	*
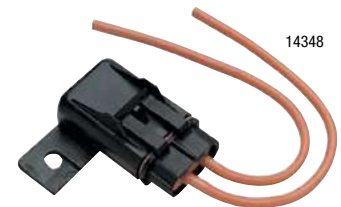
Toggle Switches, Plastic Handle

Black, thermoplastic body with nylon mounting stem. Neoprene toggle seal. These toggle switches have silver contacts and 1/4-inch spade terminals. Rated for 5-amp load and 15-amp inductive load. For 12-volts DC only. Not external ignition protected. Includes a nickel-plated brass backup hex nut and thermoplastic, knurled face nut.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

On/Off/On Switches: For bilge pump, speed selector, or light that requires two power settings.

Single-pole, double-throw contacts.

Installation Hole Size	Overall Dimensions	Depth Behind Panel	*Max. Panel Thickness
1/2"-dia.	1-3/8" L x 3/4" W"	1-1/2"	1/4"

Dimension using backup nut; 3/16-inch without backup nut.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
On/off/on switch	—		14386-3	*

7589

14386
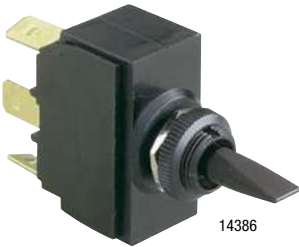
Toggle Switches, Metal Handle

These metal toggle switches have 1/4-inch spade terminals. Rated for 10-amps, 12-volts DC only. Plastic body and housing with metal toggle and ring. Not external ignition protected.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

On/Off Switches: Single-pole, single-throw contact. For lights, bilge pumps, or blowers.

On/Off/On Switches: For bilge pump, speed selector, or light that requires two power settings.
Single-pole, double-throw contacts.

Installation Hole Size	Overall Dimensions	Depth Behind Panel	Max. Panel Thickness
3/8"-dia.	1-1/8" L x 5/8" W"	1-3/8"	1/4"

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
On/off switch	—		14253-3	*
On/off/on switch	—		14255-3	*

14253

14255
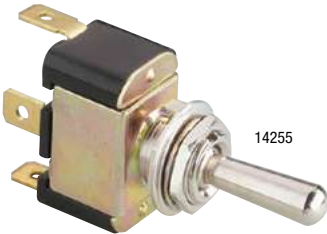
Push/Pull Switches

These switches have large easy-to-pull handles. They are commonly used for operating lights. 3/4 inch-diameter chrome-plated knob with brass case. Includes screw terminals for connection without a wire lug. For 12-volts DC only. Not external ignition protected.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Two-position Switch, Off/On: For operating one set of lights or another accessory.

Three-position Switch, Off/On/On: For operating running lights and anchor lights separately.

Description	Installation Hole Size	Overall Dimensions	Depth Behind Panel	Max. Panel Thickness	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Two-position	3/8"-dia.	3-1/8" L x 1-1/4" W	1-1/2"	1"	7563-1	*	7563-6	*
Three-position	3/8"-dia.	3-1/4" L x 1-1/2" W	2"	1"	7594-1	*	7594-3	*

7563

7594
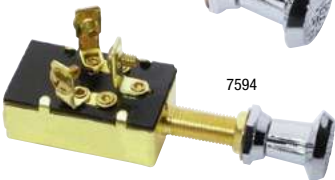
Heavy-Duty Trolling Motor Connectors

Use these connectors for quick, convenient connections between an electric trolling motor and a power source. 6 inch-long wire harnesses with butt connectors.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Female Receptacle
Female receptacle has weather cover and small face plate for flat surface mount. Two holes for #8 fasteners.

Male Plug
Male plug has wing-tabs for easy installation and removal.

7622 (Kit)

7648

7647

14366

14365

Plate Dimensions	Depth Behind Panel	Installation Hole Size
2-9/16" W x 1-3/4" H	2-1/4"	1-1/8"-dia.

Description		Wire Size	Volts	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Female receptacle, boat side	3-Wire	10-gauge	12/24V	—		7648-7	*
	2-Wire	8-gauge	12V	—		14366-6	
Male plug, motor side	3-Wire	10-gauge	12/24V	—		7647-7	*
	2-Wire	8-gauge	12V	—		14365-6	
Male/Female Kit	3-Wire	10-gauge	12/24V	—		7622-7	*

Medium-Duty Trolling Motor Connectors

Use these molded rubber connectors for quick easy connections between an electric trolling motor and the power source. 5-inch long harness with butt connectors. Receptacle (14350) includes weather cover and small face plate for flat surface mount. 10-gauge wire. For 12-volts DC only. Two holes for #8 fasteners.

14350

Plate Dimensions	Depth Behind Panel	Installation Hole Size
2-1/2" W x 1-3/4" H	2-3/4"	1-1/8"-dia.

Description	Wire Size	Bulk Packaging	Aftermarket Packaging
Female receptacle, boat side	10-gauge	—	14350-3
Male plug, motor side	10-gauge	—	14352-3

14352
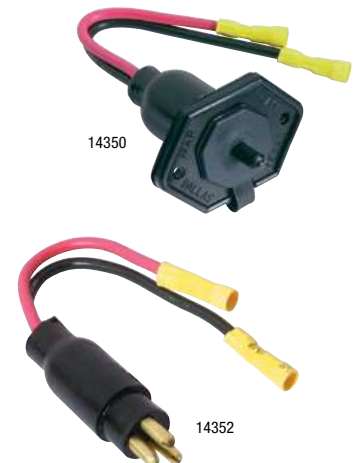
Trolling Motor Quick Connect

Safe and easy quick disconnect system. For use where a plug and socket cannot be used. Heavy-duty, 10-gauge connector, 22-inches long. Replaces battery clips.

Description	Wire Size	Bulk Packaging	Aftermarket Packaging
2-Connector Kit	10-gauge	—	14367-6

14367

12-Volt USB Adapters/Chargers new

It's easy to add the convenience of using and charging electronic devices on any boat. Compatible with mobile devices and marine equipment. For ¼ inch USB blade connections. Protected against reverse polarity, thermal overload, and short circuiting.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
12V Adapter + Dual USB Charger	14262-1	*	14262-6	*
12V Power Adapter + Digital Voltmeter	14263-1	*	14263-6	*
12V 4-in-1 Power Panel with Battery Charge Display	14264-1	*	14264-6	*
Dual USB Adapter	14268-1	*	14268-6	*

14262   14263

14264   14268

Boat Kill Switch Key Set

- Includes seven keys to fit Johnson, Evinrude, Mercury, Yamaha, Suzuki, Tohatsu and Honda kill switches
- Swivel snap hook prevents tangles
- Rust resistant stainless steel crimps
- Corrosion proof

Description	Bulk Packaging	Aftermarket Packaging
Kill switch keys and lanyard	—	7591-6

7591

12-Volt Marine Outlet

Marine quality 12-volt outlet is designed for replacing or adding outlets in your boat, RV or camper.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Surface Mount, 12-Volt, Outlet	—		11862-6	*

11862

Battery Adapter

Brass and plastic accessory plug for use directly with the battery. 150 watts. Comes with 3 ft. of wire, 12-amps, 12-volts.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Battery Adapter, 12 volt	—		11861-6	*

14258

Circuit Breakers

A circuit breaker is an automatically operated electrical switch designed to protect an electrical circuit such as your trolling motor, or anything else electrical in your boat, from damage caused by overload or a short circuit.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description		Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
60-amp Breaker	Manual Reset with Ring Terminals	—		**14372-7**	
50-amp Breaker	Manual Reset	—		**7623-7**	*
	Auto Reset with Ring Terminals	—		**14371-6**	*
40-amp Breaker	Auto Reset with Ring Terminals	—		**14370-6**	*

7623

Manual Reset Breakers

14372

Auto Reset Breaker
Includes washers, nuts, mounting hardware & ring terminal.

14370
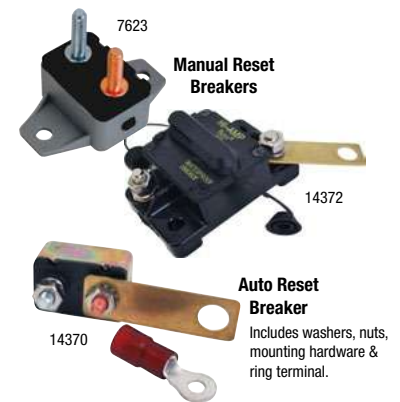
Copper Wire

Stranded copper core is flexible for easy installation and allows the most current for quick starting.
PVC insulation in the wire is resistant to cracking, abrasion, weather, oil, and acids.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
8-ga. Red/Black, 20', set	—		**14361-5**	*

14361

Transducer Mounting Plate

- Mounts easily with only two screws
- Easy to adjust, add, or replace transducers.
- Marine-grade polymer plate will not warp, corrode, or be affected by UV rays.

Description	Bulk Packaging	Aftermarket Packaging
Transducer mounting plate and hardware	—	**94110-5**

94110

Quick-Release Trolling Motor Mate Mounting Plate

For use with MinnKota® wireless trolling motors: AutoPilot, Grip Glide, Powerdrive, Terrova, RipTide ST and RipTide SP models

- Unique design eliminates tarp damage
- Easy on / easy off mounting – removes in seconds
- Exclusive locking feature
- Marine grade powder coat finish

Description	Bulk Packaging	Aftermarket Packaging
Motor mate mounting plate and hardware	—	**94100-4**

94100

PADDLESPORTS ACCESSORIES
Canoe Paddles

Aluminum Paddles
Heavy aluminum and rugged plastic construction. Ergonomic grip design. Poly-protective shaft grip.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Wooden Paddles
Economical and lightweight. Palm grip. Varnish finish.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
ALUMINUM PADDLES				
4 ft. Length	**11764-1**	*	—	
4 ft. Length (Camouflage Green Blade)	**11759-1**	*	—	
5 ft. Length	**11765-1**	*	—	
WOODEN PADDLES				
2-1/2 ft. Length	**11760-1**		—	
4 ft. Length	**11761-1**		—	
5 ft. Length	**11762-1**	*	—	

11760 / 11761 / 11762

11759   11764 / 11765

Stand-Up Paddle Board (SUP) Paddle

Paddle easily adjusts from 55-inches to 82-inches allowing families to share a SUP board. Constructed of heavy-gauge aluminum and engineered plastic components. Durable aluminum shaft with cupped 10° blade for increased efficiency and performance. Glass-filled ABS blade construction for long-term durability.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Blade color – white
- Black, polypropylene grip
- Designed and engineered in the USA

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
SUP Paddle	—		**11772-1**	*

11772

Kayak Paddles

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Straight-Blade Paddles
Heavy aluminum and rugged plastic construction. Two-piece breakdown design is ideal for storage and compact transport. Drip rings included. Soft foam grips.

Asymmetrical Paddles
Asymmetrical spoon blade paddles are designed to increase efficiency of stroke performance and reduce noise and blade flutter in the water. Made from heavy-duty aluminum and engineered plastic construction. Two-piece breakdown design with multiple angle positions that allow for customization for each paddler.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
STRAIGHT KAYAK PADDLES				
7 ft. Length	**11763-1**	*	—	
ASYMMETRICAL KAYAK PADDLES				
7 ft. Length	**11768-2**	*	—	
7-1/2 ft. Length	**11766-1**	*	—	

Vibrant Asymmetrical Paddles

Unique blade shape increases stroke efficiency and minimizes flutter in the water. The combination of performance and vibrant colors create an expressive kayaking experience. Paddle angles can be adjusted when attached together for a more customized stroke based on skill level for both left and right-hand users.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

- Graphics and vibrant color on each blade
- Tested for performance and durability
- Stay dry with pre-attached drip rings

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
7 ft. Length	Orange-Red & White-Gray	—		**11756-2**	*
7-1/2 ft. Length	White-Koi Blue & Key Lime	—		**11757-2**	*
Adjustable, 7 ft. – 7-1/2 ft.	Black	—		**11758-2**	*

11763

11766 / 11768

11756

11757

11758

Telescoping Paddle

- Compact for easy storage
- Telescopes to 42" (1.06m)
- High impact plastic blade with corrosion-resistant aluminum pole

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Paddle, telescoping - 3.5'	—		11828-1	
Paddle, telescoping - 4.5'	—		11826-1	*

11826-1
11828-1

Paddle Clips

Secures paddles for freeing up both hands or resting from paddling. Fits 1-inch diameter shafts.

Description	Bulk Packaging	Aftermarket Packaging
Paddle Clips, 1" diameter	—	11780-6

11780

Kayak Handle Replacement Set

Tough but comfortable, designed kayak carry handles for replacement on most kayak types and brands. The contoured grip makes carrying your kayak easier and more comfortable. Easy installation. Durable, black plastic and strong, braided rope.

Description	Bulk Packaging	Aftermarket Packaging
Kayak Handle Replacement Set, package of two	—	11944-7

11944

Oarlock Shanks

Made from heavy-gauge steel with a bright zinc finish. Adjustable and very easy to install; no holes to drill, clamp-on easily. One pair.

Description	Bulk Packaging	Aftermarket Packaging
1/2" Shank, Pair	—	9146-6

9146

Oarlock Sockets

These heavy-duty sockets are made of heavy gauge steel designed to provide years of rugged use. The unique angle design allows for secure attachment to the boat that can outlast most original equipment sockets. One pair.

Description	Bulk Packaging	Aftermarket Packaging
1/2" Socket, Pair	—	9149-6

9149

Paddle Lanyards

Use the Standard Lanyard's sturdy clip or the Premium's velcro strap to secure your paddle and prevent dropping it overboard. Coiled bungee cord allows for advanced paddling with easy stowage.

* ⚠️ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Standard	—		**11909-7**	*
Gear Accessory Leash, 36"	—		**11912-5**	*

11909

11912

Rescue Line Throw Bag

50 ft. of 3/8-inch floating polypropylene line for water rescues. High visibility red bag with wide, yellow reflective strip for improved visibility in low light conditions.

* ⚠️ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Rescue Line Throw Bag, 50 ft.	—		**11808-2**	*

11808

Hand-Operated Bilge Pumps

Safely remove unwanted water, and other liquids from kayaks and other small boats.

* ⚠️ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Kayak Hand Bilge Pump, 18"	—		**11595-2**	*
Hand Bilge Pump, 25", 32" Hose	—		**11596-2**	*

11596

11595

Kayak Foot Braces

Lightweight design fits both sit-in and sit-on-top style kayaks. Trigger lock design allow for easy adjustment. Tracks use a universal mounting hole pattern. One pair. Mounting hardware not included.

* ⚠️ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
15" Length, pair	**11940-1**		**11940-2**	*

11940

Kayak Skirt

Keep water out of the kayak with this universal-fit spray skirt made with polyurethane-coated 210 Denier nylon. Dual-side adjustability and PVC-sealed seams. Mesh bag included.

Description	Bulk Packaging	Aftermarket Packaging
Kayak Skirt, Universal (up to 40" long and 22" wide opening)	—	**11776-5**

11776

Kayak Cockpit Cover

Universal-fit cover made with 210 Denier nylon. Has a 3/16-inch shock cord border and black, polypropylene clips.

Description	Bulk Packaging	Aftermarket Packaging
Kayak Cockpit Cover, Universal (up to 40" long and 22" wide opening)	—	**11775-5**

11775

Sit-On-Top Kayak Seat

Attwood's adjustable kayak seat provides a padded seat cushion and ample back support. Universal sizing for all sit-on-top kayaks. Four adjustable straps for a custom fit. Quick-drying, UV-resistant fabric with corrosion-resistant hardware. Durable nylon covering with additional storage bag on back of seat.

Description	Bulk Packaging	Aftermarket Packaging
Foldable, clip-on kayak seat - Black	—	**11778-2**

11778

Deck Plates

Allow addition of storage options to your canoe, kayak, or small boat. Screw out design. High-impact ABS plastic is durable, rugged, and weather-resistant.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Color	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4"-dia.	White	#8 fasteners (6)	**12790-1**	*	**12790-3**	*
	Black	#8 fasteners (6)	**12791-1**	*	—	
6"-dia.	White	#8 fasteners (6)	**12792-1**	*	—	
	Black	#8 fasteners (6)	**12793-1**	*	—	
8"-dia.	White	#8 fasteners (6)	**12794-1**		—	

12793

12794

30º Rod Holder

Ideal for kayak use. Closed end keeps water out. ABS plastic construction.
Flush mounts easy with three ¼-inch screws (not included).

Description	Bulk Packaging	Aftermarket Packaging
30º Rod Holder, closed end	—	**12704-2**

12704

PADDLESPORTS HARDWARE

Pad Eyes

All pad eyes are pre-drilled with two mounting holes.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	A	B	C	D	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Cast Stainless Steel	3/8"-diameter	1-7/8" long	1-3/8"	1/2"	#10 fasteners (2)	66105-1		66105-3, four	
Stamped Stainless Steel	5/16"-diameter	1-1/8" long	3/4"	5/16"	#6 fasteners (2)	—		12955L3, pair	*
Chromed bronze	5/16"-diameter	1-7/8" long	1-3/8"	1/2"	#10 fasteners (2)	12988-1	*	—	
White Nylon	5/16"-diameter	1-7/8" long	1-7/16"	5/16"	#10 fasteners (2)	—		10603-3	*
Black Nylon	5/16"-diameter	1-7/8" long	1-7/16"	5/16"	#10 fasteners (2)	—		10604-3	

10603
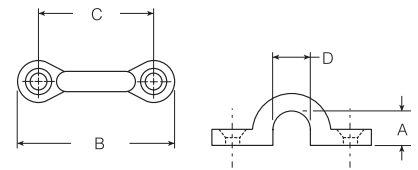
Nylon Cleats

Ideal for tying off an anchor or for temporary docking. Includes (2) strong
4-inch lightweight cleats. Pre-drilled for #12 screws.

Description	Bulk Packaging	Aftermarket Packaging
Nylon Cleats, set	—	11783-7

11783

Zig-Zag Cleats

Makes a great primary cleat on kayaks, canoes, fishing boats and pontoons. Also good as a utility cleat on docks, piers, trailers, and more. 4-inch model handles rope up to 1/2-inch diameter. 3-inch and 3-1/2 inch models handle rope up to 3/8-inch diameter. One pair.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description		Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Zinc Plated, Pair	3"	—		11950-6	*
	4"	—		11951-6	*
Black Nylon, Pair	3-1/2"	—		11926-7	*

11950

11926

Zig-Zag Fender Hanger

No need for knots in your fender lines. Keeps fenders in place with a simple system. Put line over rail and weave it through the zig-zag teeth.

Description	Bulk Packaging	Aftermarket Packaging
Fender Hanger, pair w/ 4' fender lLines	—	11952-7

11952

PADDLESPORTS TRANSPORTATION & STORAGE

Canoe Car-Top Carrier Kit

Simple, convenient kits for carrying canoes and small boats on car roof. Includes four supporting foam blocks that snap on boat's gunwale and help prevent scratches on car top. Two straps with adjusting buckles and clips. Includes 20 ft. of polypropylene rope and S-hooks to secure bow and stern to bumpers. Straps are sturdy poly web with vinyl-coated clips.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

11437

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Car-Top Universal Canoe Carrier Kit	—		11437-7	*

Kayak Car-Top Carrier Kit

Simple, convenient kits for carrying kayaks on car roof. Includes two supporting foam blocks to support kayak and help prevent scratches on car top. Two straps with adjusting buckles and clips. Straps are sturdy poly web with vinyl-coated clips.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

11438

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Car-Top Kayak Carrier Kit	—		11438-7	*

Kayak Roof Rack – J Style

Easy to install kayak carrier mounts securely and safely to most standard and aftermarket roof rack cross bars. J-style design allows for easy loading and unloading of kayaks. Durable powder-coated steel construction holds up to 120 lbs. Foam rubber protection pads and detailed instructions included.

114441

Description	Bulk Packaging	Aftermarket Packaging
Kayak Roof Rack Carrier Kit	—	11441-4

Kayak/Canoe Cart

Haul your kayak easier than ever with Attwood's new Kayak/Canoe Cart, now with premium wheels! Enhanced large diameter wheels cannot deflate, simplifying transport over uneven terrain. Cart easily disassembles to fit into most kayak hitches. Holds up to 100 lb. loads.

11930

Description	Bulk Packaging**	Aftermarket Packaging
Kayak & Canoe Cart	—	11930-4

Kayak Hoist System

Complete hoist system for kayaks, canoes, bikes, ladders, and more. Hooks and locking mechanisms safely hold up to 120 lbs. Easy lifting pulley system and 2-inch wide webbing hang straps. Includes all mounting hardware.

11953

Description	Bulk Packaging	Aftermarket Packaging
Kayak Hoist System	—	11953-4

TRAILERING PARTS & ACCESSORIES

Trailer Guide Lights

Trailer guide lights aid in backing and maneuvering trailers at boat ramps and in tight areas. Waterproof, bright red, LED lights make it easy to identify trailer angle and position, even in low light conditions. Mount to trailer frame or guidepost with corrosion-resistant aluminum and steel mounting. Mounting hardware not included.

Description		Bulk Packaging	Aftermarket Packaging
Trailer Guide Light Assembly	27" L x 1/4" dia.	—	**14066-7**

14066

Submersible Trailer Light Kit

Complete kit includes a pair of 8-function stop/tail/turn lights, wiring harness, and license plate bracket. Applicable to trailers under 80-inches wide. Ideal for utility, snowmobile, camping, motorcycle, and boat trailers.
Design conforms to applicable US FMVSS and Canadian CMVSS safety standards.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Submersible Kit	—		**14060-7**	*

14060

Low-Profile Submersible Trailer Light Kit

Low profile for trailers over 80-inches wide. The complete kit includes (2) multi-function lamps, wiring harness, license plate bracket, and mounting hardware. Ideal replacement lights for most boat trailers. Conforms to applicable U.S. FMVSS and Canadian CMVSS safety standards.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Low-Profile Submersible Trailer Light Kit	—		**14063-7**	*

14063

Submersible LED Trailer Light Kit

Complete kit includes (2) multi-functional (stop/tail/turn) submersible LED trailer lights, license plate bracket, wiring harness, and installation hardware. For use with trailers under 80-inches wide. Conforms to applicable U.S. FMVSS and Canadian CFMVSS standards.

 * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Submersible LED Light Kit	—		**14065-7**	*

LED

14065

LED Low-Profile Trailer Light Kit

Complete kit includes (2) multi-functional (stop/tail/turn) submersible low-profile LED trailer lights, license plate bracket, wiring harness, and installation hardware. Ideal replacement or upgrade for most trailers. Conforms to applicable U.S. FMVSS and Canadian CFMVSS standards.

 * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Low-profile LED Light Kit	—		**14064-7**	*

LED

14064

Trailer Wiring Harness/Connectors

The most popular 4-way flat wiring harness kit for vehicles and trailers. Copper-stranded, color-coded wire and plastic molded terminals with four-prong trailer plug or vehicle socket. Both ends have 18-inch plug wire and 48-inch socket wire.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

14017

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
18" plug and 48" socket	—		7663-5	*

Complete Trailer Wiring Kit

Kit Includes: (1) Receptacle and harness, 4 ft. (1.2 m), (1) plug and harness, 25 ft. (7.6 m), (4) blue quick connectors and (8) trailer wire attachment clips.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

7621

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Complete Wiring Kit	—		7621-7	*

Trailer Light Circuit Testers

The light indicators on this inline circuit tester show which circuit (tail lights, ground, left-or-right signal) is having problems.

14133

Description	Bulk Packaging	Aftermarket Packaging
Circuit Tester, Inline	—	14133-6

Trailer Safety Chain

Connects the trailer tongue to the trailer hitch on the towing vehicle for security and safety. Meets SAE specifications. Welded, solid steel with bright zinc-plated finish and hooks at both ends. Two chains required per trailer.

11011

Description		Specifications	Bulk Packaging	Aftermarket Packaging
Class II	Safety Chain with Spring Clips	51" L x 1/4" dia.	—	11011-7

Coupler Locking Pin

Quick connect and disconnect, to keep coupler from accidentally disengaging. Fits 2-inch and 3-inch couplers. Pin fits through coupler release handle to provide security and safety.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

11029

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Solid zinc-plated steel, 2-1/4" W x 1-5/8" L	—		11029-6	*
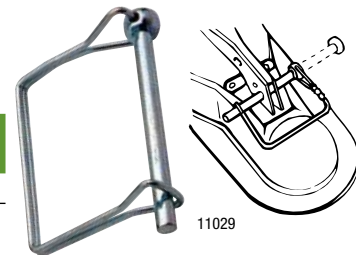
Coupler Security Lock

For maintenance-free trailer security. While this lock is in place, coupler cannot be used. Solid brass with rust-proof stainless steel shackle pin. Includes two keys.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

12044

Description	Dimensions Shank Length	Diameter	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Coupler Security Lock	5/8"	1/4"	—		12044-6	*

Trailer Tongue Lift Handle

- Convenient handle for maneuvering trailer tongue
- Mounts easily to most trailer couplers

Description	Bulk Packaging	Aftermarket Packaging
Lift Handle	—	11130-7

11130

Non-Skid Pads

Precision 6-inch x 12-inch die-cut pads are simple to install on trailers, boats, and docking for additional safety. Rugged anti-slip surface is 100-grade coarse grit. A proven adhesive ensures long-lasting performance.

Description	Bulk Packaging	Aftermarket Packaging
Non-Skid Pads, pair	—	6260-4

6260

Pontoon Storage Blocks

Great for fall and winter pontoon storage. Stable design keeps pontoon hull dry and off the ground. High-density, engineered composite protects pontoon surface. Conveniently stack together when not in use. Each block holds 4,000 lb. capacity. Lightweight and easy to use. Will not absorb moisture.

* ⚠ WARNING   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Pontoon Storage Blocks Set of 4	—		11401-4	*

11401

Fold-Up Trailer Jacks

Fits 3-inch x 5-inch tongue. Swings up and out of the way. Corrosion-resistant, zinc-plated steel tubing. Swing-up jack has a convenient sidewind handle and a tough 6-inch diameter polypropylene wheel.

* ⚠ WARNING   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Travel Lift	Lift	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1000 lbs. capacity, single wheel	10"	24"	—		11127-4	*
1500 lbs. capacity, dual wheel	12"	26"			11126-4	*

11127   11126

Trailer Winches

Many factors affect the capacity of a winch in pulling a boat. As a rule of thumb, winches may be used to trailer boats up to two times the winch capacity. For example, a 1200-lb. capacity winch may be used to load boats up to 2,400-lbs.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Caution: Attwood winches are not intended for use as hoists; for lifting, supporting, or transporting people; nor for lifting loads over people.

3 YEAR WARRANTY

Dual Drive Winch—2,000 pound
Dual drive enhances the pulling capacity by distributing the load equally to two sets of gears. Eliminates frame torque. 2,000-lb. load capacity with 4.1:1 gear ratio. Three-position pawl provides forward, neutral, and reverse operations. Black EDC finish. Molded, textured roller grip. Includes 2-inch x 20 ft. nylon web strap with zinc-plated snap hook.

Single Drive Winch—1,200 pound
Solid gear construction with precise gear tooth engagement. 1,200-lb. load capacity with 4.1:1 gear ratio. Three position pawl provides forward, neutral, and reverse operations. Black EDC finish. Molded, textured roller grip. Includes 20 ft. nylon web strap with zinc-plated snap hook.

Description	Type	Gear Ratio	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2000 lb. with 2" W x 20' L nylon strap	Dual	4.1:1	—		**11195-4**	*
1200 lb. with 2" W x 20' L nylon strap	Single	4.1:1			**11149-4**	*

See tie downs on Pages 157-159 for replacement winch straps, cable and rope.

11195

11149

Trailer Winch Straps

Winch straps, cables, and ropes are available to fit most winches, loads, and applications. A complete selection of winch products to meet every customer need and a variety of price points.

Selecting a winch strap, rope, or cable: NMMA, SAE, and BIA Standards require the minimum breaking strength of winch cable, rope, strap, and hook be at least 1.5 times the rated straightline pull of the winch. For example, if a winch rope has a breaking strength of 1,500 lbs., it can only be used on winches rated up to 1,000 lbs. All Attwood winch cables, ropes, and straps are rated for the winch on which they can be installed. Winch ropes, strap, and cable should have a minimum of four (4) complete wraps around the winch drum in the most extended position for launching or retrieving the boat.

You can depend on Attwood winch straps. They're easy to install and prevent tangling on winch drum. Built to be strong and durable. UV-resistant webbing with a special, heavy-duty, forged steel, snap hook. The extra-long throat is designed for easier attachment to bow eyes on boats. Two strap-end styles are available for easy, secure attachment to the winch drum. Rated for winches up to 2,000 lbs.

Webbing: Polyester webbing is one of the finest web strap materials available. Polyester does not stretch and offers excellent resistance to ultraviolet degradation from sunlight.

Strap-End Styles: Two styles available (1) Cut-End, and (2) Sewn-Loop End.

Hook: Heavy-duty, forged, zinc-plated steel snap hook. Spring-loaded closure for secure attachment. Extra-long throat for easy attachment.

Description	Length	Bulk Packaging	Aftermarket Packaging
Cut-end	15 ft.	**11136-1**	**11136-7**
	20 ft.	**11137-1**	**11137-7**
	25 ft.	**11138-1**	**11138-7**
Sewn-loop end	15 ft.	**11141-1**	**11141-7**
	20 ft.	**11147-1**	**11147-7**
	25 ft.	**11153-1**	**11153-7**

11141   11136

Winch Ropes

Poly Winch Ropes

Twisted polypropylene 3/8-inch diameter winch rope is economical, versatile, and easily spliced. Resistant to rot and mildew and is UV stabilized. For winches rated up to 1,200 lbs., not intended for other uses

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
POLY WINCH ROPE					
3/8" x 20' Long	Black	—		**11739-2**	

11739

BOW STOPS & ROLLERS

Road-ready bow stops, rollers, and roller brackets provide protective support for your boat's hull while it's on the trailer, and allow easier launching, centering, and retrieval of the boat. This assortment includes rollers, bow stops, and steel roller brackets. Rollers and bow stops are available in polymer or rubber.

Rubber Rollers	Polymer Rollers
Non-marring prime rubber compound	Will not mark or discolor your boat
Economically priced	Resist cuts and abrasions
Original equipment replacements for most trailers	Have superior durability to outlast ordinary rollers

Bow Stops, Rubber

Molded rubber stops. Each is pre-drilled with 3/8-inch or 1/2-inch diameter hole.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Dimensions	Hole I.D.	Bulk Packaging**	Prop 65	Aftermarket Packaging	Prop 65
2" x 2"	3/8"	11200-1	*	—	
3" x 3"	1/2"	11201-1	*	—	
4" x 4"	1/2"	11202-1	*	—	

11201

11200

11202

Bow Rollers, Polymer

Non-marring, resilient bow protection. Smooth finish helps boat roll easily into place. Impervious to sunlight, chemicals, and fuels.

Description	Dimensions	Hole I.D.	Bulk Packaging**	Aftermarket Packaging
Bow Roller	3" O.D. x 3" L	1/2"	11881-1	—
Bow Roller	4" O.D. x 4" L	1/2"	11880-1	—
Bow Roller w/ Bells	3-1/2" O.D. x 4" L	1/2"	11857-1	—

11881

11857

Bow Rollers, Rubber

Durable protective molded rubber bow rollers.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Outside Diameter	Shaft Diameter	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3" length	3"	1/2"	11205-1	*	—	
4" length	3-1/2"	1/2"	11209-1	*	—	

Spool/Keel Rollers, Polymer

Smooth, non-marring, resiliant protection. Impervious to sunlight, chemicals & fuels. Fits 1/2-inch diameter shafts.

Dimensions	Outside Diameter	Bulk Packaging	Aftermarket Packaging
Spool/Keel Roller	4"	11315-1	—
	5"	11317-1	—
Keel Roller	8"	11319-1	—

Keel Rollers, Heavy-Duty Rubber

These durable, protective rollers are for heavy-duty use. Molded rubber over a steel tube with nylon end inserts. The gradual inward taper and "V" cut eases loading and launching of heavier boats. Plastic inserts are included to protect from mounting hardware damage.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Dimensions	Shaft Diameter	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
8" length	5/8"	11215-1	*	—	
10" length	5/8"	11216-1	*	—	
12" length	5/8"	11217-1	*	—	

Spool/Keel Rollers, Light-Duty Rubber

Durable and protective. Molded rubber with nylon inserts. 3-inch outside diameter.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Dimensions	Shaft Diameter	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4" length	5/8"	11210-1	*	—	
5-1/4" length	5/8"	11211-1	*	—	

Adjusting Rollers, Rubber

For use with automatic adjusting roller systems. Molded rubber. Smooth surface has steel insert; ribbed surface has nylon insert.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions	Shaft Diameter	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Smooth	4-1/4" L x 4-3/8" dia.	3/4"	11230-1	*	—	

11205

11317

11319

11215

11210

11230

Roller Panel Brackets

Cross-member panel brackets are available for a variety of roller sizes. Long mounting slot allows adjustment. Brackets are pre-drilled with 5/8-inch-diameter holes for roller mount. Zinc-plated or galvanized steel.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Dimensions Width Between Holes	Slots Size	Width Between Slots	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4-1/4"	2-1/2"	2-3/8"	**11252-1**	*	—	
8-1/4"	3"	5-1/2"	**11254-1**	*	—	
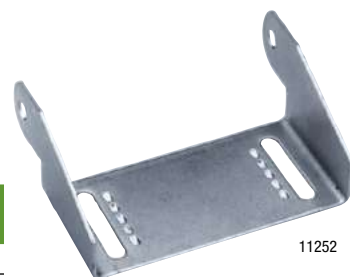
11252

Bunk Brackets

For mounting bunks. Slotted for vertical adjustments. Mounts with 1/2-inch (1.27 cm) bolt. 11-gauge galvanized steel.

Length	Width	Bulk Packaging	Aftermarket Packaging
8"	2"	**11363-1**	—
10"	2"	**11364-1**	—

11363

Swivel Bolster Brackets

Heavy 11-gauge galvanized steel that is slotted for vertical adjustment. Non slip dimples for secure hold. 3.5-inch wide angle bracket pivots for angled or flat mounting of 2-inch x 6-inch bunk or bolster boards. Complete with nut and bolt for angle bracket. Mounts with 1/2-inch bolt.

Size	Assembled	Bulk Packaging	Aftermarket Packaging
8"	9"	**11360-1**	—
10"	11"	**11361-1**	—
12"	13"	**11362-1**	—

11360

Roller Panel Spool/Keel Bracket Roller Assemblies

Complete spool/keel bracket and roller assembly. Mounts to trailer cross roller assemblies. Formed, zinc-plated steel panel bracket with 1/2-inch-wide slot for adjustment.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Included Parts	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Spool/keel	11210 roller and 11252 bracket	—		**11220-3**	*

11220

Keel Mounting Bracket

One piece roller bracket with 5-inch slot for vertical adjustment. Mounts with 1/2-inch bolt and is designed to be used with a 5/8-inch roller shaft.

Size	Slot Center	Bulk Packaging*	Aftermarket Packaging
5"	2-3/4"	11370-1	—
10"	8-3/16	11371-1	—
12"	10-1/8"	11372-1	—

11370
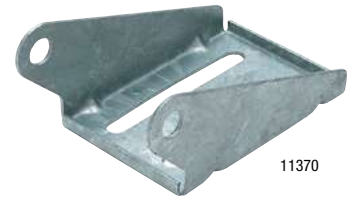
Roller Shaft Sets

Roller shafts and matching pal nuts secure shaft in place on roller. Shaft and nuts are solid zinc-plated steel.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Length	Roller Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
5/8" dia.	6-3/8"	5-1/4"	—		11282-3	*
	9-1/4"	8"	—		11283-3	*
	11-1/4"	10"	—		11284-3	*
	13-1/2"	12"	—		11285-3	*

11282

Pal Nuts

5/8-inch zinc plated pal nuts to be used with 5/8-inch roller shafts.

Description	Bulk Packaging	Aftermarket Packaging
Set of 8	—	11368-3

11368

Trailer Bunk Padding

12 ft. long roll of durable, weather-resistant polypropylene marine carpet material. Easy to cut and custom fit. Protects hull; eases loading and launching. Charcoal color; acrylic backing grips surface of trailer bunk boards or cradle. No excessive fuzz, static-free. Made for minimal water retention.

Description	Bulk Packaging	Aftermarket Packaging
8" wide	—	11246-1
12" wide	—	11247-1

11246

Boat Trailer Guide Protectors

Boat Trailer Guide Protectors simply slide over existing trailer guide posts to help protect boat from scratches and impact. These protectors not only protect your boat but enhance the look too. Made of closed-cell polyurethane foam with nylon cloth covers. Sold in pairs.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

I.D.	Length	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2"	36"	Black	—		105693BK	*
2-1/2"	36"	Black	—		105694BK	*
		Forest Green	—		105694FG	*
		Navy	—		105694NV	*
		Red	—		105694RD	*
		Royal	—		105694RB	*
		Silver	—		105694SV	*
	48"	Black	—		105695BK	*
		Forest Green	—		105695FG	*
		Navy	—		105695NV	*
		Red	—		105695RD	*
		Royal	—		105695RB	*
		Silver	—		105695SV	*
	60"	Black	—		105696BK	*
		Forest Green	—		105696FG	*
		Navy	—		105696NV	*
		Red	—		105696RD	*
		Royal	—		105696RB	*
		Silver	—		105696SV	*

Black

Navy

Royal Blue

Forest Green

Red

Silver

10569_SV

U-Bolt Style Tire Carrier

Square-bend U-bolt with bracket mounts tire on tongue or trailer frame. The frame must be between 2-inch x 2-inch square to 3-1/2-inch x 4-inch rectangular in size. Fits 4- or 5-lug hole rims. Extra-long 8-1/2-inch shaft fits 8-inch to 15-inch tires.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Zinc-plated steel	—		11090-3	*

11090

(Padlock not included.)

HubMate Wheel Bearing Protectors and Covers

HubMate bearing protectors replace dust cap in the wheel hub. The accessible grease fitting allows you to add grease without disassembling. Positive grease pressure keeps water and dirt out. Automatically lubricates, reducing wear and prolonging bearing life. Covers are custom-fitted PVC.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

| Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1.98" Outer Hub I.D.—Stainless Steel	—		11110-7	*

11110

Transom Savers

We've got you covered
A lifted outboard puts hundreds of foot-pounds of pressure on the transom, especially during trailering.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Protect your boat and engine
- Support the cantilevered weight of the motor
- Stabilize engine and steering mechanism when trailering

The Attwood Difference
- Tough components — You'll get long life from our adjustable toggles with replaceable rubber pads
- Innovation — Our shock absorbing spring-loaded transom saver, is designed to reduce damaging effects of road shock. Works great for motors with hydraulic trim/tilt

All Aftermarket parts include both the Roller and Trailer Mount brackets

Composite Head

Heavy-Duty Head

Roller Bracket

Trailer Mount Bracket
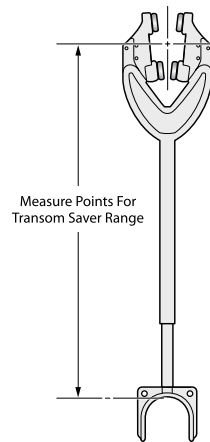
Measure Points For Transom Saver Range

SP-400-RB

Shock Absorbing Spring
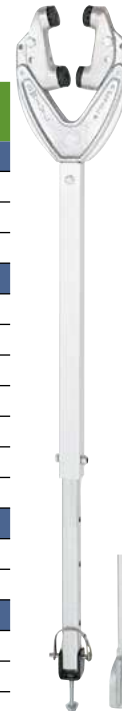
SP-4000-ADJ-RB

SP-421-RB

Description	Head Type	Mounting Bracket	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
ADJUSTABLE TRANSOM SAVERS						
23"-35"	Composite	Roller	400-R	*	—	
		Trailer Mount	400-B	*	—	
		Roller/Trailer Mount	—		SP-400-RB	*
HEAVY DUTY TRANSOM SAVERS						
24"-36"	Heavy Duty	Roller	4000-ADJ	*	—	
		Trailer Mount	4000-ADJ-B	*	—	
		Roller/Trailer Mount	—		SP-4000-ADJ-RB	*
32"-44"	Heavy Duty	Roller	424-ADJ	*	—	
		Roller/Trailer Mount	—		SP-424-ADJ-RB	*
44"-56"	Heavy Duty	Roller	436-ADJ	*	—	
		Roller/Trailer Mount	—		SP-436-ADJ-RB	*
SHOCK ABSORBING TRANSOM SAVERS						
27"-36"	Heavy Duty	Roller/Trailer Mount	—		SP-421-RB	*
31"-40"	Heavy Duty	Roller/Trailer Mount	—		SP-429-RB	*
Replacement Parts						
Bolt on Bracket for Attwood Transom Savers			—		SP-402	*
Replacement Rubber Shocks for Heavy-Duty Head			—		SP-410	*
Replacement Toggle for Heavy-Duty Head			—		SP-416	*

Adjustable Transom Saver

Innovative design fits most trailers. Unique angle adjustment (patent pending) from 0-inch to 36-inch with 12-inch increments. Heavy-duty rubber pads and steel construction. Corrosion-resistant, black finish.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Head Type	Mounting Bracket	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
36"-60"	Heavy Duty	Trailer Mount	460-ADJ	*	—	

Lock N' Stow™

- Locks outboard motor in forward position while trailering, greatly reducing the damaging effects of road shock
- Doesn't tie engine's lower-unit to trailer, eliminating excessive pressure on hydraulic seals and scuff marks
- Small compact mount can be easily stored in just about any boat compartment
- Constructed of black powder-coated steel with stainless steel pins

10107

Description	Bulk Packaging	Aftermarket Packaging
Fits: OMC, Bombardier 1989 to present, 100HP and up	—	10309
Fits: Mercury engines 200 OptiMax, 255 OptiMax, 225HP EFI, 250HP EFI	—	10107
Fits: Mercury engines 135 OptiMax, 150 OptiMax 175 OptiMax, 75HP-200HP EFI	—	10108

10309

TIE-DOWN STRAPS

Quick-Release Transom Tie-Down Straps

When properly secured to transom eyes and trailer, transom straps reduces vertical and lateral movement to safely secure the boat to the trailer. They also reduce bouncing of the boat on the trailer pads or rollers. Available in 2-inch width for larger trailerable boats and 1 inch width for lighter boats.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Webbing: Strong webbing. Resists rot, oils, gasoline, and most chemicals.
Buckle: Quick-Release (Over-Center) buckle. Strong and secure, yet easy to use. Quicktightening. Cinch tight and secure by depressing buckle handle. Release by lifting the buckle handle.
Hook: Vinyl-Coated S-Hook to prevent scratching boat or trailer finish. Corrosion-resistant. Heavy-gauge.
Special Features: Protective pad behind buckle to prevent marring and scratches on gel coat and painted surfaces. Hook-N-Loop closure secures the buckle handle in the locked position.

Quick-Release Buckle with Hook-N-Loop Closure

15230

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2" Wide, sold in pairs	2 ft.	15230-1	*	15230-7	*
	3 ft.	15231-1	*	15231-7	*
	4 ft.	15232-1	*	15232-7	*
	5 ft.	15233-1	*	15233-7	*
	6 ft.	15234-1	*	15234-7	*

Bow Strap

Bow straps secure the bow of the boat to the forward trailer member or tongue, and restricts vertical and backward movement of the boat on the rollers or pads. Reduces load on winch and winch strap. Use bow straps with transom or gunwale straps to provide a complete, secure tie-down system.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Webbing: Web fiber is strong and has excellent elasticity to absorb sudden shock loads. Resistant to abrasion, rot, oils, gasoline, grease, and many other chemicals.

Buckle: Cam buckle with push-button release. Quick and easy to use. Springloaded lock secures the web strap. Zinc-alloy plated finish. Sewn web end prevents the strap from pulling out of the buckle.

Hook: Contains one vinyl-coated S-Hook for attachment to bow eye. Vinyl coating prevents scratching boat or trailer finish. Corrosion-resistant. Heavy gauge.

Special Features: Strap end contains a sewn-loop to create an adjustable, slip harness for attachment to trailer tongue or frame.

15240

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1" Wide	3 ft.	15240-1	*	15240-7	*

3-Point Tie-Down Strap

3-Point Tie-Downs secure the transom of personal watercraft to the trailer with one strap. The strap contains three S-hooks; the two, sewn end hooks attach to trailer and the single, "free-floating" hook attaches quickly and easily to the stern of the PWC.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

15241

Webbing: Web fiber is strong and has excellent elasticity to absorb sudden shock loads. Resistant to abrasion, rot, oils, gasoline, grease, and many other chemicals.

Buckle: Cam buckle with push-button release. Quick and easy to use. Spring-loaded lock secures the web strap. Zinc-alloy plated finish. Sewn web end prevents the strap from pulling out of the buckle.

Hook: Contains three, vinyl-coated S-Hooks to protect the finish of the boat and trailer. Floating S-Hook allows for easy installation.

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1" Wide	94"	15241-1	*	15241-7	*

Quick-Release Gunwale Straps

Gunwale straps secure the entire aft section of the boat over the gunwale to the trailer and restrict vertical movement while on the road.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Webbing: Strong webbing. Resists rot, oils, gasoline, and most chemicals.

Buckle: Quick-Release (Over-Center) buckle. Strong and secure, yet easy to use.
Quick tightening. Cinch tight and secure by depressing buckle handle. Release by lifting the buckle handle.
Hook: J-Hook with snap-closure for secure, easy attachment. Electrostatic Discharge Coating (EDC) finish to prevent corrosion. Heavy gauge.

For ratchet straps used in gunwale applications, see the General Purpose Utility Strap section below.

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2" Wide	10 ft.	15220-1	*	15220-7	*
	13 ft.	15221-1	*	15221-7	*
	16 ft.	15222-1	*	15222-7	*
	20 ft.	15223-1	*	15223-7	*

15220

General Purpose Tie-Down Straps

General purpose straps are designed for a variety of applications. Use to secure cargo, motorcycles, bicycles, boats, and other loads. Available in a variety of lengths and styles.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Webbing: Excellent elasticity to absorb sudden shock loads. Resistant to abrasion, rot, oils, gasoline, grease, and many other chemicals.

Buckle: Easy-to-operate ratchet handle cinches and locks the web strap. Quick release; resists jamming from side loads. Zinc-alloy plated finish. Sewn web end prevents the strap from pulling out of the buckle.

Hook: J-Hook with snap-closure for secure, easy attachment. Electrostatic Discharge Coating (EDC) to prevent corrosion. Heavy gauge.

Ratchet Handle

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
1" Wide ratchet	18 ft.	15201-1	*	15201-7	*

15201

HARDWARE

HARDWARE

CLEATS
& ACCESSORIES

Neat Cleat

The Neat Cleat design offers what you've been asking for — a retractable cleat with a thin profile that installs easily on narrow gunwales.

- Beautiful, strong and durable – each stanchion is a 7/8" rod of solid Enhanced 316 Stainless Steel alloy
- Cleats stay up when pulled
- Backed by a lifetime warranty against corrosio

Installation is simple and quick – just drill twice with an appropriate size hole saw. Drainage receptacles (included) capture moisture and send it to the bilge via pitot tubing (not included). Attwood recommends using only stainless steel fasteners for stainless steel hardware.

* ⚠ **WARNING** Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

Friction springs hold cleat up at any position

Drainage receptacles capture moisture (included)

Two hole mounting pattern for easy installation

66515
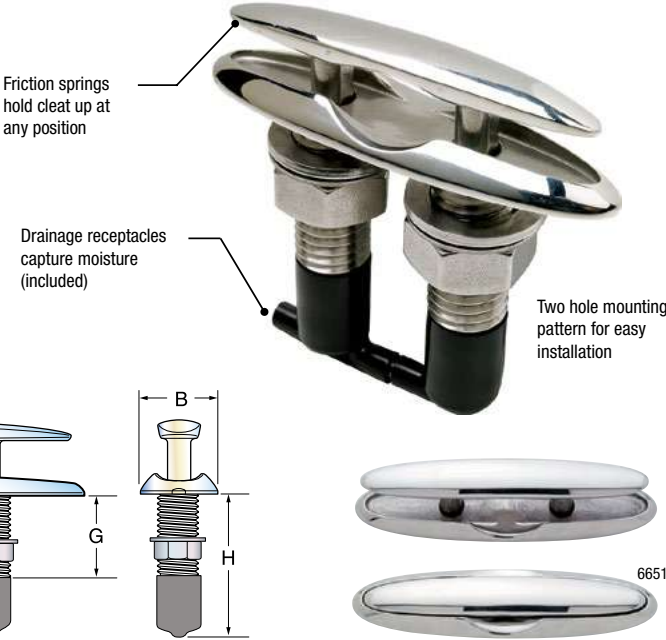
| A	B	C	D	E	F	G	H	Installation		Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
								Hole Saw Size	Max. Hull Thickness				
Total Length	Total Width	Above Deck Lowered	Above Deck Raised	Line Opening	Between Stan-chions	Thread Length	Install. Depth						
NEAT CLEAT													
4-1/2"	1-5/16"	1/2"	1-5/8"	1-1/4"	1-3/4"	1-3/4"	3-1/8"	1"	1"	**66515-1**	*	**66515-7**	*
6"	1-1/2"	1/2"	1-5/8"	1-1/4"	2-1/4"	1-3/4"	3-1/8"	1"	1"	**66517-1**	*	**66517-7**	*
8"	1-15/16"	3/4"	2"	1-3/8"	2-13/16"	2-1/4"	3-3/4"	1"	1-1/2"	**66519-1**	*	—	
10"	2-7/16"	13/16"	2-5/8"	1-5/8"	3-1/2"	2-7/8"	5-1/4"	1"	1-1/2"	**66538-1**	*	—	

Neat Cleat Accessories

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
BACKING PLATES				
For 4-1/2" Neat Cleat	**66529-1**		—	
For 6" Neat Cleat or Combo Cleat	**66531-1**		—	
For 8" Neat Cleat or Combo Cleat	**66533-1**		—	
SPACERS				
For 6" Neat Cleat or Combo Cleat	**66617-1**	*	—	

66529

For our Stainless Steel Thru-Hulls and Scuppers see Pages 17-20.

Flush Cleats

This cleat recesses flush to the deck for a clean, contemporary look at an affordable price. Two mounting styles include an exclusive stud-mounted cleat (patented). Water-resistant cleat recesses into cast body, and is captured with lubricated seals. Durable, enhanced cast 316 Stainless Steel construction and simple design assures long-life and dependable operation.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Easy Installation
- Includes backing plate
- Enhanced 316 Stainless Steel Alloy

Countersunk   Stud-mount
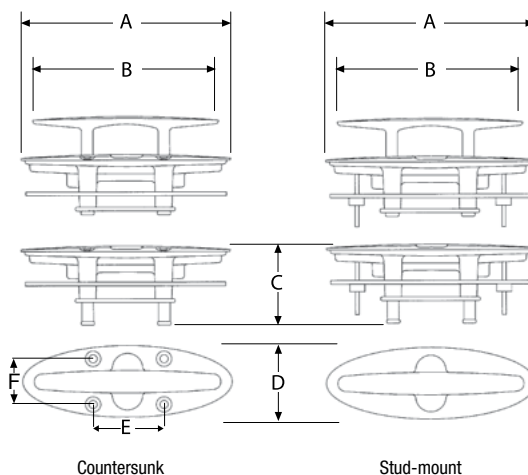
LIFETIME WARRANTY

66510

66512

Description	A	B	C	D	E	F	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
COUNTERSUNK*											
4-1/2" Cleat	5-1/4"	4-1/2"	3-1/8"	2"	1-5/8"	1-7/16"	#10 fasteners (4)	66510-1	*	66510-7	*
6" Cleat	7"	6"	3-1/3"	2"	1-7/8"	1-21/32"	1/4" fasteners (4)	66514-1	*	66514-7	*
8" Cleat	8-1/2"	7-3/4"	3-7/8"	2-13/16"	3-1/2"	2-1/8"	1/4" fasteners (4)	66522-1	*	—	
STUD-MOUNT*											
4-1/2" Cleat	5-1/4"	4-1/2"	3-1/8"	2"	—	—	—	66512-1	*	—	
6" Cleat	7"	6"	3-1/3"	2-3/8"	—	—	—	66516-1	*	66516-7	*
8" Cleat	8-1/2"	7-3/4"	3-7/8"	2-13/16"	—	—	—	66524-1	*	—	

* Countersunk models: Fasteners not included. Stud mount: Fasteners are included.

Folding Cleat

This Enhanced 316 Stainless Steel construction folding cleat locks down to the flush position when not in use, or easily flips up and locks in place when needed. Contemporary look for an economical price. Available with (flush-mount) and without (stud mount) visible holes for mounting.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
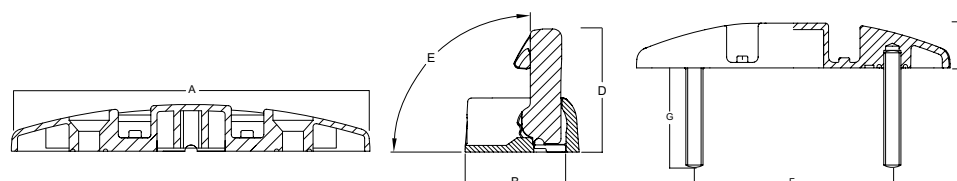
LIFETIME WARRANTY

Description	A Total Length	B Total Width	C Closed Position Height	D Open Position Height	E Opening	F Between Stan-chions	G Thread Length	Fasteners Included	Fastener(s) Required	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
FLUSH MOUNT													
4-1/2" Cleat					90°			No		66586-1	*	—	
STUD MOUNT													
4-1/2" Cleat					90°			Yes		66588-1	*	—	
6" Cleat					90°			Yes		66589-1	*	—	

66587

66589

Whitley Cleats

The innovative Whitley Cleat is an Attwood exclusive! The unique, offset design is inspired by contemporary Euro styles. Yet, for all its good looks, this sturdy cleat exceeds ABYC strength standards!

* ⚠ **WARNING**   Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

- Polished stainless finish provides an attractive, premium appearance for the finest boats
- Alloy is certified Enhanced 316 Stainless Steel. Acid and rinsing baths remove surface contaminants and produce a mirror-finish hydrous oxide film. Backed by a Lifetime Warranty against corrosion
- Stud mounting leaves no exposed fasteners to collect water or dirt
- Stainless steel locking nuts and washers are supplied to fit the concealed stainless steel studs

Cantilevered offset profile follows contour of contemporary hulls

Oversized stanchions for sturdy appearance and performance

Stud diameters range from 5/16" to 7/16"

Stainless steel locking nuts and washers included

Patented
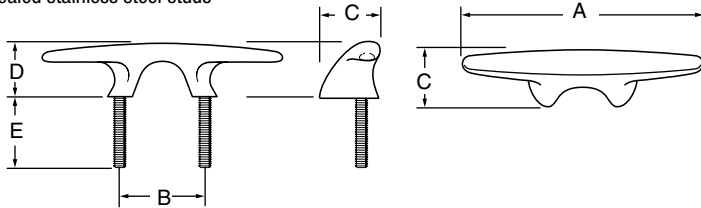
Description	A	B	C	D	E	Stud Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
6-1/2" long	6-1/2"	2-13/16"	1-1/2"	1-1/2"	2"	5/16" x 18	66062-1	*	—	
8-1/2" long	8-1/2"	2-15/16"	2"	1-7/8"	2-1/2"	3/8" x 16	66063-1		—	
10-1/2" long	10-1/2"	3-3/16"	2-15/16"	2-3/16"	3"	7/16" x 14	66064-1		—	

Contemporary Cleats

These beautiful cleats have a modern look and are priced to compete. The clean lines and well-defined surfaces are in tune with styling of today's boats. Thick stanchions offer hearty appearance and performance. Enhanced 316 Stainless Steel alloy. Guaranteed for life. Stainless locking nuts and washers included.

* ⚠ **WARNING**   Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*
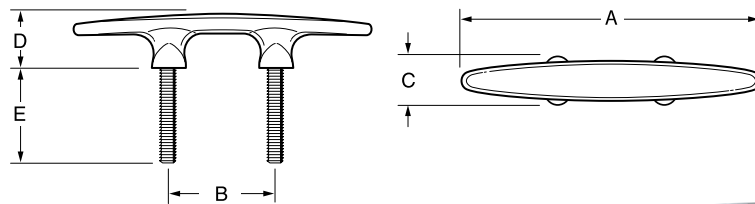
66054

Description	A	B	C	D	E	Stud Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
6" long	6"	2-1/4"	1"	1-3/16"	2"	5/16" x 18	66054-1	*	—	
8" long	8"	2-13/16"	1-15/16"	1-3/8"	2-1/2"	7/16" x 14	66055-1		—	
10" long	10"	3-5/8"	1-11/16"	1-13/16"	3"	7/16" x 14	66056-1		—	

Stud Mount Herreshoff Cleat

This cleat features the classic look of a traditional Herreshoff design plus all the advantages of a stud mount installation. Enhanced 316 Stainless Steel alloy. Guaranteed for life. Stainless locking nuts and washers included.
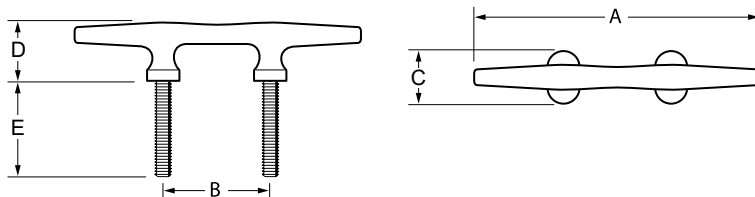
66336

Description	A	B	C	D	E	Stud Size	Bulk Packaging	Aftermarket Packaging
4" long	4"	1-3/16"	9/16"	1"	1-1/4"	1/4" x 20	66334-1	—
6" long	6"	2-1/4"	7/8"	1-1/4"	1-3/4"	1/4" x 20	66335-1	—
8" long	8"	2-7/8"	1-3/16"	1-1/2"	2"	5/16" x 18	66336-1	—

Herreshoff Cleats

Classic Herreshoff style cleat provides traditional styling, easy line tie-off, and corrosionresistance. Made of Enhanced 316 Stainless Steel alloy. Four holes for required fasteners.
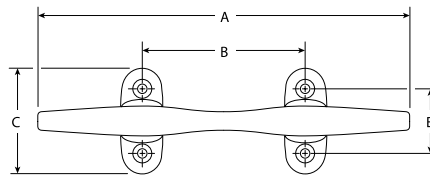
Description	A	B	C	D	E	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
5" long	5"	2-9/64"	1-1/2"	1-1/8"	1"	#10 fasteners (4)	**66398-1**	—
6" long	6"	2-1/4"	1-7/8"	1-1/4"	1-9/64"	1/4" fasteners (4)	**66009-1**	66009L6
8" long	8"	2-27/32"	2-3/16"	1-1/2"	1-11/32"	1/4" fasteners (4)	**66010-1**	66010L3
10" long	10"	3-3/4"	2-11/16"	1-7/8"	11-1/16"	5/16" fasteners (4)	**66011-1**	66011-3
12" long	12"	3-7/8"	2-3/4"	2-3/16"	1-15/16"	5/16" fasteners (4)	**66012-1**	—

66398

Heavy-Duty Herreshoff Cleats

This heavy-duty Herreshoff is a wider, taller, and heavier version of the standard Herreshoff cleat. Made of Enhanced 316 Stainless Steel alloy. Four holes for required fasteners.
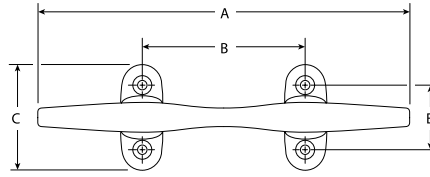
Description	A	B	C	D	E	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
8" long	8"	2-9/64"	1-1/2"	1-1/8"	1"	#10 fasteners (4)	**66110-1**	66110-3
10" long	10"	2-1/4"	1-7/8"	1-1/4"	1-9/64"	1/4" fasteners (4)	**66111-1**	66111-3
12" long	12"	2-27/32"	2-3/16"	1-1/2"	1-11/32"	1/4" fasteners (4)	**66112-1**	—

66110

Fender Cleat

Stainless steel. Easily secure fenders to your boat with a simple lift of this retractable cleat. Durable, enhanced cast 316 Stainless Steel construction and simple design assures longlife and dependable operation. Small 3-1/2" design.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

A Total Length	B Total Width	C Above Deck Lowered	D Above Deck Raised	E Max. Line Opening	F Install. Depth	Hole Distance	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3-1/2"	1-3/16"	9/16"	1-3/8"	3/4"	1-7/8"	1-11/16"	**66502-1**	*	—	

66502

(Not for use for mooring, towing or lifting.)

Chrome-Plated Zinc Cleats

These studded cleats have a modern look and are priced to compete. The clean lines and well-defined surfaces are in tune with styling of today's boats. Thick stanchions offer hearty appearance and performance.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
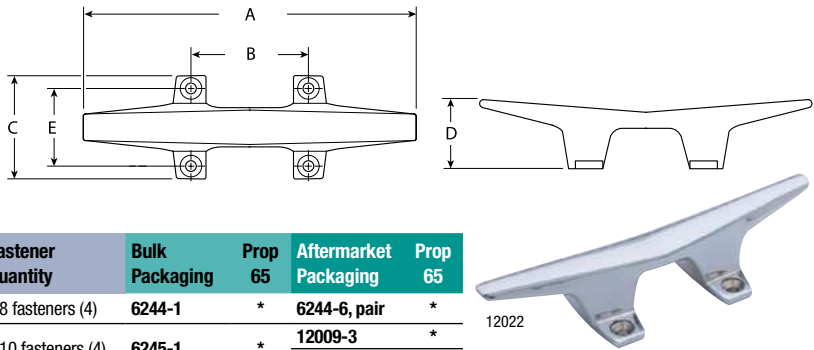
Description	A	B	C	D	E	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4-1/2" long	4-1/2"	1-11/16"	1-5/8"	1-1/16"	1-3/16"	#8 fasteners (4)	6244-1	*	6244-6, pair	*
6" long	6"	2-7/32"	2-3/32"	1-11/32"	1-1/2"	#10 fasteners (4)	6245-1	*	12009-3	*
									6245-6, pair	*

12022

Cast Aluminum Cleats

Cast aluminum cleats, available in 4 popular sizes. Ideal for small boats and docks. Two holes for required fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
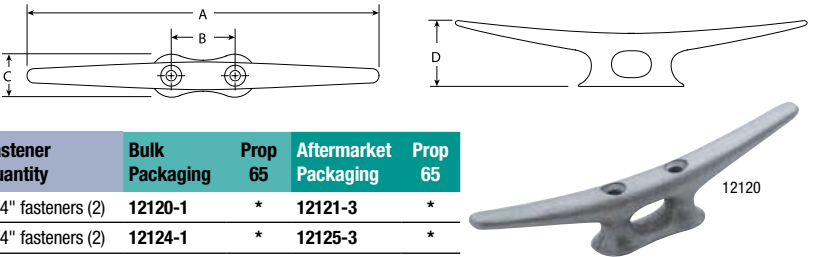
Description	A	B	C	D	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4-1/2" long, closed base	4-1/2"	2-7/32"	3/4"	1-1/2"	1/4" fasteners (2)	12120-1	*	12121-3	*
6" long, closed base	6"	1-3/8"	7/8"	1-13/32"	1/4" fasteners (2)	12124-1	*	12125-3	*
8" long, open base	8"	1-1/2"	1-1/16"	1-3/4"	1/4" fasteners (2)	12126-1	*	12127-3	*

12120

Cast Iron Cleats

Cast iron dock cleat with galvanized finish, available in 2 popular sizes. Two holes for required fasteners.
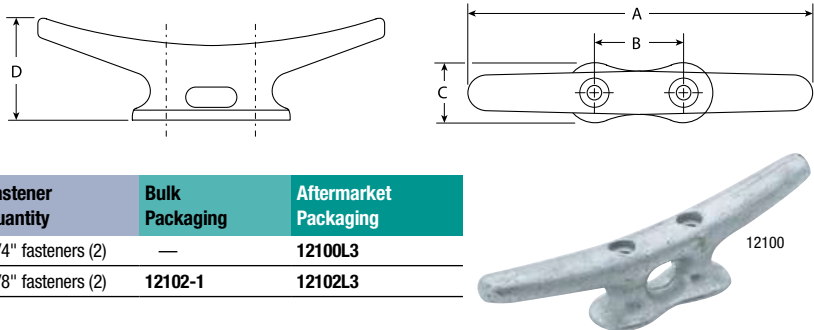
Description	A	B	C	D	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
6" long	6"	1-3/8"	7/8"	1-3/16"	1/4" fasteners (2)	—	12100L3
8" long	8"	1-7/8"	1-1/8"	1-5/8"	3/8" fasteners (2)	12102-1	12102L3

12100

Nylon Cleats

Corrosion-resistant light weight cleats.
Two holes for required fasteners.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
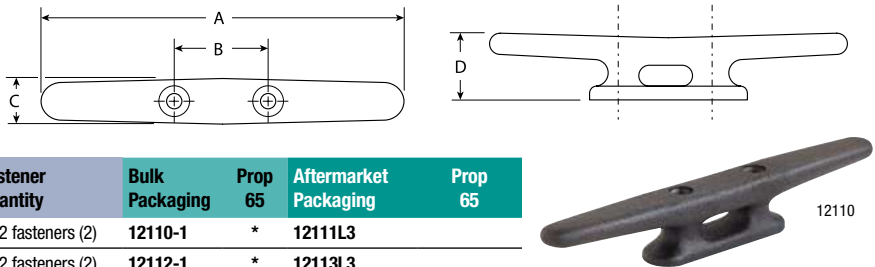
Description	A	B	C	D	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
5" long	5-1/16"	1-29/64"	23/32"	1-1/64"	#12 fasteners (2)	12110-1	*	12111L3	
6-1/2" long	6-13/32"	1-21/32"	13/16"	1-7/32"	#12 fasteners (2)	12112-1	*	12113L3	
8" long	7-15/16"	1-51/64"	15/16"	1-3/8"	1/4" fasteners (2)	12114-1	*	12115L3	*

12110

LIFT RINGS

Lift Ring

Attwood's stern-mounted lift ring provides heavy-duty strength for boats lifted by davits, cranes or shore stations. Lifts a maximum vertical load of 12,000 lbs. Installs with 1/2" countersunk stainless steel screws and washers, which must be through-bolted with locking washers or locking nuts.
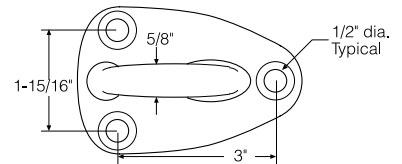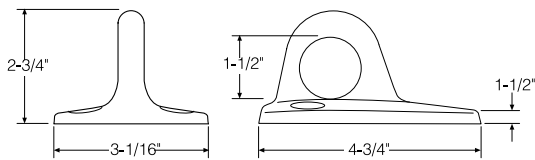
Warning: Lift rings are designed to lift a boat only when fastened to the boat structure. The maximum lifting load figures listed were determined by applying a test load in the direction of the eye shank axis, with the shank fixed in an immovable testing device. Listed lifting loads are for reference only.

Description	Bulk Packaging	Aftermarket Packaging
Stainless steel lift ring	66120-1	—

66120

Flush Lift Rings

Flush lift ring with 3/4" I.D. handle fits most hatches, cabinets, and drawers. Maintains a flush appearance, neatly recesses for safety. Pre-drilled with four holes for required fasteners.
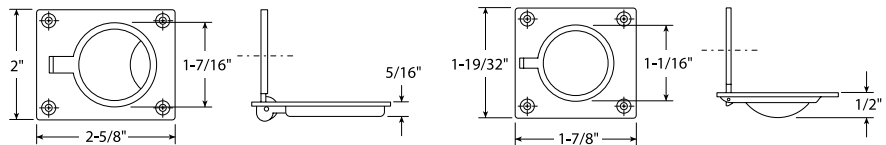
* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Flange Size	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Brass	1-7/8" L x 1-1/2" W	#6 fasteners (4)	—		3326-3	*

3326

Large Flush Lift Ring, Brass

Large lifting ring allows a full grip. Provides strength for lifting large and heavy hatch covers. Flush appearance, neatly recessed for safety. Chrome-plated brass. Pre-drilled with four holes for #6 fasteners.

 * ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
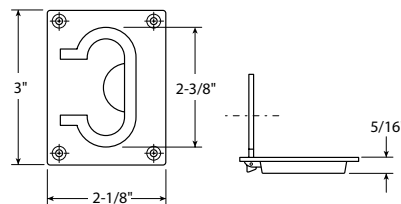
Description	Flange Size	Handle Size	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Brass	3" L x 2-1/4" W	2" L x 3/4" I.D. ring	#6 fasteners (4)	—		3325-3	*

3325

BOW EYES
Bow Eyes, Stainless Steel

Bow eyes have twin shanks to prevent twisting. These rugged bow eyes, when transom-mounted can function as a ski tow. **Not to be used for lifting.**

* ⚠ **WARNING** Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

A	B	C	D	Face Plate Dimensions	Pull Strength (lbs.)	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
WITH PLATED NUTS AND WASHERS									
5/16"-dia.	3/8"-16 x 2-7/16"	1-1/16"	4-3/8"	2-1/2" x 9/16"	6,000	**3396-1**	*	**3396-3**	*
7/16"-dia.	1/2"-13 x 3-1/4"	1-9/16"	5-5/8"	2-3/4" x 3/4"	12,000	**3392-1**	*	**3392-3**	*
WITH STAINLESS STEEL NUTS AND WASHERS									
5/16"-dia.	3/8"-16 x 2-7/16"	1-1/16"	4-3/8"	2-1/2" x 9/16"	6,000	**66263-1**	*	—	
7/16"-dia.	1/2"-13 x 3-1/4"	1-9/16"	5-5/8"	2-3/4" x 3/4"	12,000	**66261-1**	*	**66261L3**	*
7/16"-dia.	1/2"-13 x 3-1/4"	1-9/16"	5-5/8"	3-1/2" x 1-3/4"	12,000	**66262-1**	*	—	

66262
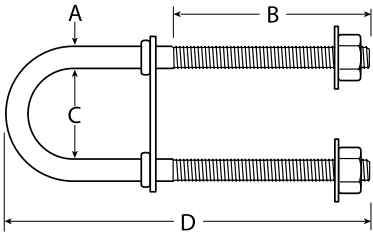
HAWSE PIPES

Enhanced 316 Stainless Steel alloy Hawse Pipes reduce deck and rope chafing when attaching dock lines to cleats mounted inside the cockpit. Available in a variety of shapes and sizes for different installation locations.

Double-Sided Oval Hawse Pipe

Enhanced 316 Stainless Steel alloy Hawse Pipe. Two-piece construction provides a finished appearance for cock-pit and gunwale installation. For 1-1/2" minimum deck thickness.

LIFETIME WARRANTY
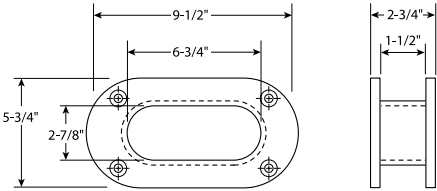
Description	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Opening Size: 6-3/4" long x 2-7/8" wide	#10 fasteners (4)	**66224-1**	—

66224

Oval Hawse Pipes

Our most popular-sized Hawse Pipes. Available in two opening and flange sizes to fit your installation. Four holes for required #10 fasteners. Enhanced 316 Stainless Steel alloy.

LIFETIME WARRANTY
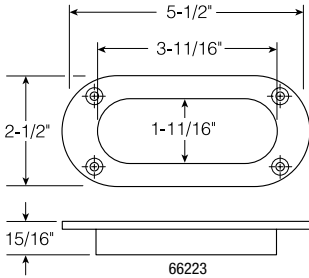
Description	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Opening Size: 3-11/16" x 1-11/16" wide	#10 fasteners (4)	**66223-1**	**66223-3**

66223

Rope/Deck Pipe

Use as an access lid to anchor chain and rope storage lockers. Cover is hinged and spring-loaded to stay shut without rattling. Cover can be locked in open position. Enhanced 316 Stainless Steel alloy.

LIFETIME WARRANTY
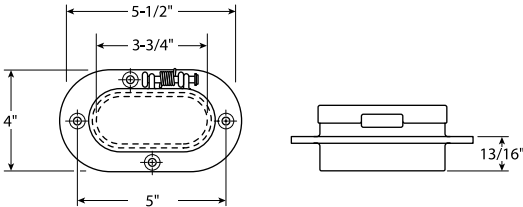
Description	Installation Hole Size	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Opening Size: 3-3/4" x 2-3/8"	4-1/8" long x 2-3/4" oval	#10 fasteners (4)	**66008-1**	—

66008

HAND RAILS

Handrails, Stainless Steel

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
Exceed all ABYC H-41 requirements for Hand Rails. Standard and Flared configurations available.

Description	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Flared	9"	66HRD09-1	*	—	
	12"	66HRD12-1	*	—	
	18"	66HRD18-1	*	—	
Standard	9"	66HR09-1	*	—	
	12"	66HR12-1	*	—	
	24"	66HR24-1	*	—	

Flared

Standard

66HRD09

66HR09

66HRD12

66HR12

66HRD18
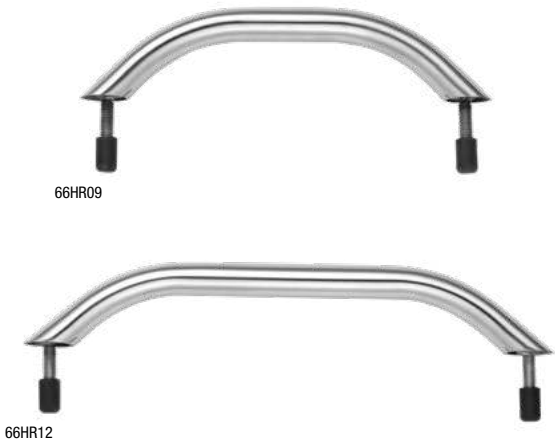
Flush Mount Ski Tow

This Enhanced 316 Stainless Steel alloy Ski Tow mounts flush to the transom and has no exposed fasteners. Offers a clean look and prevents snags. The elliptical hook accepts up to 5/8" tow line, but rises only 1/2" outward and blends perfectly with the circular body. Easy to install by drilling one 2-1/8" diameter hole with a hole saw. The wide flange covers a bead of sealant and large aluminum backing plate provides solid holding. Backing plate and stainless locking nuts included. Exceeds American Water Ski Association standards for strength. Patented. Backed by a limited lifetime warranty against corrosion.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

LIFETIME WARRANTY

2-1/2" dia.   Accepts up to 5/8" dia. line.   min. mount thickness 3/4"   max. mount thickness 2-1/8"   2-1/8" mount hole   2-1/2"   5"

LIFETIME WARRANTY
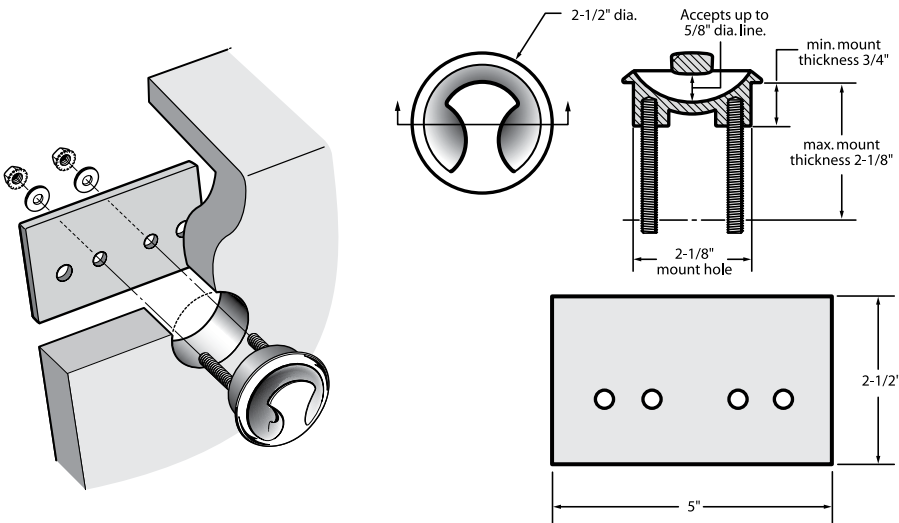
Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Ski Tow with 2-1/2" x 5" backing plate	**66448-1**	*	—	

66448

Ski Tows

Constructed of 304 Stainless Steel for corrosion-resistance, these tows are ideal for PWC's, I/O's, and inboard ski boats. All welded seams are smoothed and the surface has a highly polished finish. Stainless steel mounting washers and nuts included. A wide, welded-on mounting ring meets the hull so no exterior mounting plate is needed. Exceeds American Water Ski Association standards.

LIFETIME WARRANTY
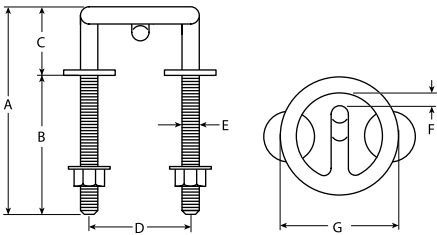
66449

Description	A	B	C	D	E	F	G	Bulk Packaging	Aftermarket Packaging
2-1/2" Ring diameter	4-1/2"	3"	1"	2-1/8"	3/8"	3/8"	2-1/2"	**66450-1**	—
3-1/2" Ring diameter	6"	3-13/16"	2"	3"	1/2"	7/16"	3-1/2"	**66451-1**	—
2-1/2" Ring diameter, short shank	2-7/8"	1-1/2"	1-5/16"	2-1/8"	3/8"	3/8"	2-1/2"	**66449-1**	—

66450, 66451

Ski Pylons

The Attwood Difference

- Our heavy duty tow products will pull you anywhere you want to go
- We offer a wide range of configurations for swivel heads, posts, and bases
- Our towing products offer advanced features for durability and quality performance
- The Pro-Swivel has a 360° rotational head with a nylon bushing for smooth slalom pulling

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

DO NOT use Ski Pylons to pull any recreational equipment that is tied to the tow rope such as water tubes, aquaplanes, wakeboards, etc.

923-009

Pro-Swivel Head
with Through Bolt Clevis

Description	Post Dia.	Post Height	Post Base	Arm Dia.	Arm Length	Arm Base	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
FIXED HEIGHT										
Stainless Steel	1-1/4"	36"	2' x 4" Below Deck	1"	33"-56"	Perm. thru deck	**9436-S**	*	—	
	1-1/4"	43"	2' x 4" Below Deck	1"	33"-56"	Perm. thru deck	**9433-S**	*	—	
	2"	45"	6" Dia. SS	1"	33"-56"	Rem. Clev. Pin	**923-009**	*	—	
	1-1/2"	23"	2' x 4" SS Base	1"	33"-56"	Rem. Clev. Pin	**922-ADJ-S**	*	—	
		29"	3/4" Pin Base	1"	33"-56"	Rem. Clev. Pin	**903-008-T-S**	*	—	
		45"	6" Dia. SS	1"	33"-56"	Rem. Clev. Pin	**903-009-S**	*	—	
ADJUSTABLE HEIGHT										
Stainless Steel	2"	34"-58"	6" Dia. SS	1"	33"-56"	Rem. Clev. Pin	**923-009-ADJ**	*	**SP-923-009-ADJ**	*
	1"	28"-33"	Nylon Flush Mnt.	1"	33"-56"	Nylon Flush Mount	**96008**	*	**SP-96008**	*
		35"-52"	Nylon Flush Mnt.	1"	33"-56"	Nylon Flush Mount	—		**SP-96009**	*

96008

SWIVL-EZE

6" Diameter
Stainless Steel Base
952

Glass Filled Nylon
Flush Mount
827

Deck Clevis
SP-910 Deck Clevis Set

Ski Pylon Replacement Parts

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Threaded Base, Polished Stainless Steel, 6" Diameter	—		952	*
Quick Release Pin with Chain	—		827	*
Deck Clevis, Set	—		SP-910	*
Hardware Kit for Ski Pylons	—		SP-930	*

Hardware Kit
SP-930

BIMINI STYLE
CONVERTIBLE TOP ACCESSORIES
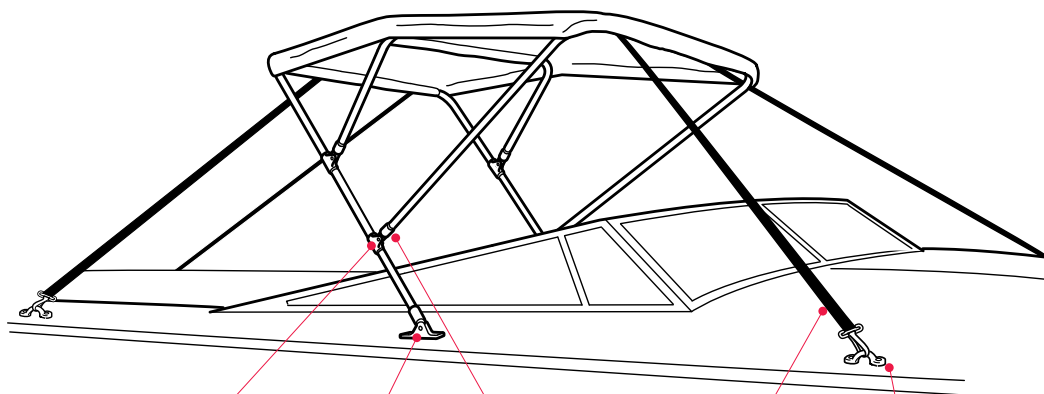
| Jaw Slide | Deck Hinge | Top Cap—Outside Eye End | Top Straps | Pad Eye |

STAINLESS STEEL
BIMINI TOP FITTINGS

Enhanced 316 Stainless Steel alloy fittings for corrosion-resistant support system of bimini tops. "Heavy-duty" versions are available for larger top applications.

Deck Hinges

These deck hinges feature a flat base for deck mounting and have two holes for #10 fasteners. Stainless steel pin is springloaded for easy top removal.

LIFETIME WARRANTY

Description	Base Dimensions	Fastens to Bimini Bow Top Cap with:	Bulk Packaging	Aftermarket Packaging
Straight base	2-1/4" x 11/16"	1/4"-20 removable screw	**66104-1**	—

Straight
Spring-loaded pin

66220

Angled
Removable Screw

66222

Straight
Removable Screw
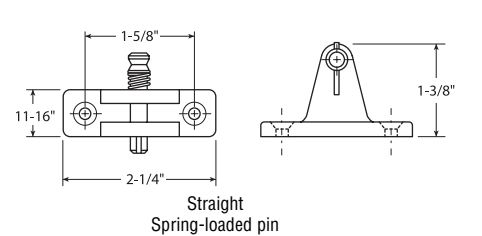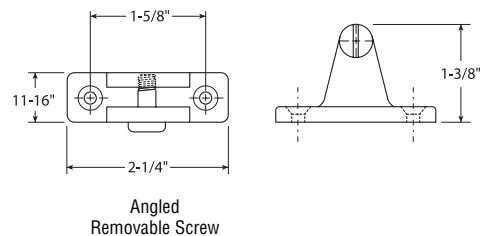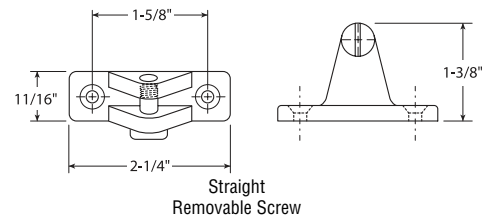
66104

** -3 = Skin Pack

NYLON BOAT FITTINGS

Replacement Bimini Top fittings constructed of high impact, injection molded nylon with stainless steel nuts and bolts.

Angle Hinge

Two holes for required #10 fasteners. With removable 1/4"–20 screw.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Dimensions	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-1/2" L x 5/16" W	Black	—		10610-3	*
	White	—		10600-3	*

10600

Jaw Slide

For 3/4" round tubing.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Tubing Size	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/4" round	White	—		10602-3	
7/8" round	Black	—		10613-3	*
	White	—		10612-3	*

10612

Outside Eye

Accommodates 1/4" bolt for connection to base or top slide.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Tubing Size	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
3/4" round	White	—		10601-3	*
7/8" round	White	—		10611-3	

10611

Inside Eye, for 1" Square Tubing

Tubing Size	Color	Bulk Packaging	Aftermarket Packaging
1" square	Black	—	10620-3

10620

Bimini Top Slider Kits

Provides slide adjustment for convenient use and storage of bimini top frames.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Slide, top bracket White	White	—		10622-3	
Right deck hinge Black	Black	—		10623-3	*
Left deck hinge Black	Black	—		10624-3	*

Bimini Style Convertible Top Straps

1"-wide polyweb straps to replace lost or damaged top straps. Includes rust-resistant stainless steel spring snap hook and non-marring bow adjusting buckle.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

10627

Description	Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
62" long	Black	—		10627-7	*
	White	—		10628-7	*
78" long	Black	—		10629-7	*
	White	—		10630-7	*
96" long	Black	—		10634-7	*
	White	—		10633-7	*

Tethered 1/4" Spring-Loaded Clevis Pin

For use with Attwood deck or rail mounted bimini top hinge fittings that use removable 1/4" spring-loaded clevis pins. This handy 1/4" spring-loaded clevis pin with lanyard allows the pin to be tethered to prevent loss of the pin when removed from the bimini top deck or rail hinge fitting.
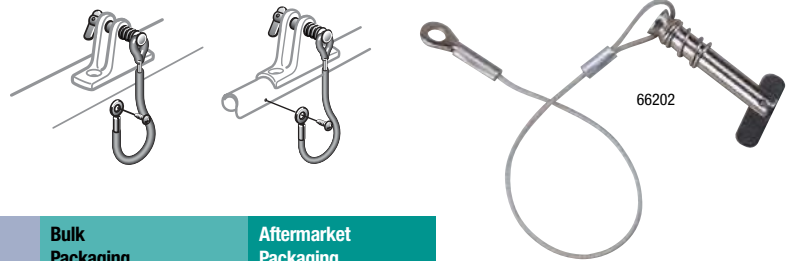
66202

Description	Use With Attwood Deck or Rail Hinge	Bulk Packaging	Aftermarket Packaging
Removeable tethered 1/4" Spring-loaded clevis pin	66160, 66200 66220, 66383	66202-1	66202-3

Eye Straps

All eye straps are pre-drilled with two mounting holes.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

66105

10603

12988
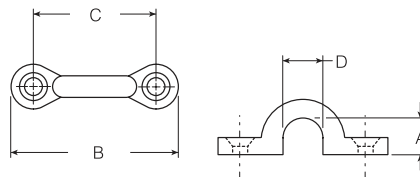
12955

Description	A	B	C	D	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Cast Stainless Steel	3/8"-diameter	1-7/8" long	1-3/8"	1/2"	#10 fasteners (2)	66105-1		—	
Stamped Stainless Steel	5/16"-diameter	1-1/8" long	3/4"	5/16"	#6 fasteners (2)	—		12955L3, pair	*
	1/2"-diameter	1-7/16" long	15/16"	7/16"	#10 fasteners (2)	—		12957L3, pair	*
	3/4"-diameter	2-1/4" long	1-3/4"	11/16"	#10 fasteners (2)	—		12959L3, pair	*
Chromed bronze	5/16"-diameter,	1-7/8" long	1-3/8"	1/2"	#10 fasteners (2)	12988-1	*	12989-3, single	*
White Nylon	5/16"-diameter	1-7/8" long	1-7/16"	5/16"	#10 fasteners (2)	—		10603-3	*
Black Nylon	5/16"-diameter	1-7/8" long	1-7/16"	5/16"	#10 fasteners (2)	—		10604-3	

HINGES

CAST STAINLESS STEEL HINGES

These hinges are cast from enhanced 316 stainless steel. They combine a great eurostyle look with a polished finish. Available in stud or countersunk mounting styles, these hinges look attractive on any vessel! Hinges are mirror polished to the highest specification in the industry and passivated to enhance surface finish and corrosion-resistance. The hinge pin design allows lid to open a full 180°.

Round Hinge, Cast Stainless Steel

Smooth, full round plate design.

Description	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Counter-sunk	#12 fasteners (4)	66240-1	—

66240
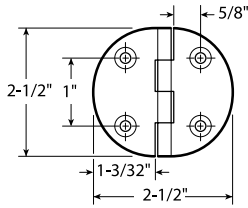
FLUSH HINGES

The unique double stud design of these hinges allows for a flush installation while still providing a full 180° swing. This makes them the perfect hinge for lazzerette or fish box covers in the cockpit sole.

Flush Hinge, Round End, Stamped Stainless Steel

Our widest flush, 2-pin hinge. Six holes for required fasteners. Made of solid stamped stainless steel to provide years of maintenance free service.

* ⚠ **WARNING**   Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

Description	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Counter-sunk	#8 fasteners (6)	66237-1	*	66237-3	*

66237
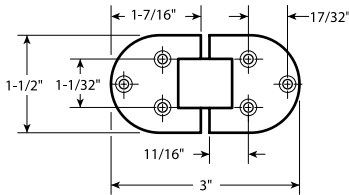
Flush Hinge, Square End, Stamped Stainless Steel

Square end 2-pin hinge with radiused corners. Six holes for required fasteners. Made of solid stamped stainless steel to provide years of maintenance free service.

Description	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Counter-sunk	#8 fasteners (6)	66239-1	66239-3

66239
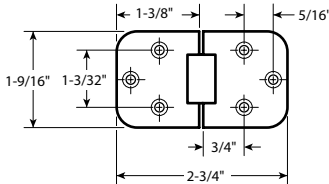
Strap Hinges, Stainless Steel

Durable stainless steel strap hinges, available in standard or reverse strap styles.
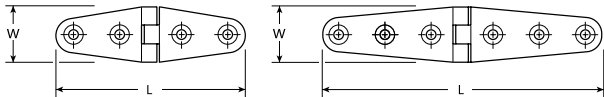
* ⚠ **WARNING**   Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

Description	Strap Type	Dimensions	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
CAST STAINLESS STEEL							
Four holes	Standard	4" W x 1" L	#10 screws	66025-1	*	66025-3	*
	Reversed	4-1/8" W x 1-1/16" W	#10 screws	66434-1		—	
Six holes	Standard	6" W x 1-1/16" L	#10 screws	—		66026-3	

66025

66434

66026

Butt Hinge, Stainless Steel

Strap hinge design with rounded ends.

Description	Fastener Quantity	Dimensions	Bulk Packaging	Aftermarket Packaging
Cast Stainless Steel	#10 fasteners (4)	1-1/2" x 1-1/2"	**66163-1**	—

66163

Butt Hinge, Chrome-Plated Zinc

Mounting holes are widely spaced for easy installation.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Dimensions	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Rounded	2-7/8" x 1-1/2"	#8 fasteners (6)	**12000**	*	—	

12000

Door Hinges, Stainless Steel

Durable cast stainless steel door hinges, available in a variety of lengths.
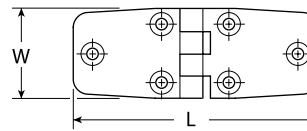
Description	Dimensions	Fastener Quantity ∞	Bulk Packaging	Aftermarket Packaging
CAST STAINLESS STEEL				
Six holes	3" L x 1-1/2" W	#10 fasteners	**66028-1, pair**	**66028-3, pair**
	4" L x 1-1/2" W	#10 fasteners	**66029-1, pair**	**66029-3, pair**

66028

66029

Door Hinges, Short Side, Stainless Steel

Durable cast stainless steel door hinges, available in a variety of lengths.
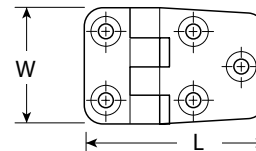
Description	Strap Type	Dimensions	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Stamped Stainless Steel	Standard	2-13/16" L x 1-1/2" W	#8 fasteners (5)	**66391-1**	—

66391

∞*Pin on top*

Take-Apart Motor Box Hinge, Non-Locking

For use on motor box or hatch cover. Take apart feature allows removal of cover for engine service or bilge access.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Open Size	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Brass	4" x 2"	#10 fasteners (4)	**1329-1**	*	—	
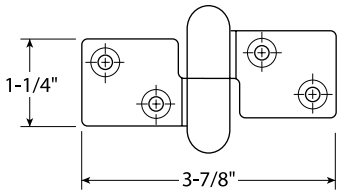
1329

HATCH HINGES

For use on flush hatch covers to prevent cover from folding all the way backward. Cover remains upright when open. Hatch hinges feature a quick-release pin with safety ring so hatch can be completely removed without unscrewing the base.
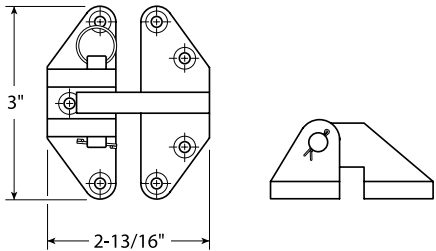
Hatch Hinge, Stainless Steel

Description	Open Size	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Cast Stainless Steel	3-1/2" x 1-3/8"	#10 fasteners (4)	**66027-1**	**66027-3**

LIFETIME WARRANTY

66027

SWIVEL HASPS

For storage compartments that need to be securely locked. Ideal for lockers, cupboards, chests, and hatch doors.

Swivel Hasps, Stainless Steel

Accommodates padlocks with 1/4" dia. or smaller shackle. Swivel eye turns to secure the hasp and keep the compartment shut, even without use of a padlock. Stamped stainless steel construction with chrome finish.
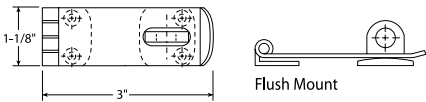
Flush Mount

Description	Closed Size	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Flush mount	3" x 1-1/8"	#8 fasteners (4)	**66423-1**	—

66423

HATCH & DOOR LOCKS

Padlock Eye Clamps

For use on tackle, bait, and ice boxes that require draw-down pressure-tight seal. Also for hatch or motor box clamps. Accommodates padlocks with 1/4"-diameter or smaller shackle. Flush mount model 2012 has no exposed mounting screws. Chrome finish. Rugged, secure locking device with easy-to-use flip handle.

Description	Closed Size	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Flush mount	4-1/4" x 1-1/2"	#8 fasteners (4)	2012A1	2012A3

2012A

Slam Latches

Round slam latches fits up to 7/8" door thickness. Made of UV stable and corrosion resistant materials. Include stainless steel mounting hardware.
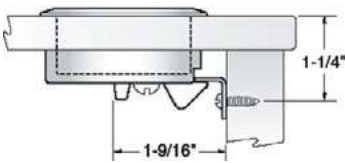
Description	Bulk Packaging	Aftermarket Packaging
Stainless Steel	66832-1	—

LIFETIME WARRANTY

66832

Pontoon Replacement Latch

This durable lock set is a complete replacement kit for your pontoon's gate latch. Universal sizing fits square frames of 1, 1-1/8, and 1-1/4 inch on both left- and right-hinged gates. Secure closure stabilizes gate and prevents inward swinging. Includes mounting hardware for quick and easy installation.

Description	Bulk Packaging	Aftermarket Packaging
Universal Replacement Gate Latch. 8-1/2" x 9-1/2" x 5-1/2"	—	11404-6

11404

HANDLES

Vinyl Grab Handles

Streamlined with a molded, hinged, built-in fastener cover system, an Attwood exclusive. A unique, grab handle that looks and works great on runabouts, fishing boats, jet boats, and RV's. Clean styling, shaped to fit your hand for a secure grip. This one-piece design eliminates the problem of loose caps which pop off over time and become lost. The covers are hinged on the base of the handle and are pushed closed after securing the mounting fasteners. Strong, polypropylene inner core with a molded vinyl cover withstands harsh marine environments. Install via thru-bolting or wood screws.

* ⚠ **WARNING**   Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

Description	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
White	#12 fasteners (2)	2050-1		2050-5	
Moon Rock	#12 fasteners (2)	2052-1	*	—	
Gray	#12 fasteners (2)	2053-1		2053-5	
Black	#12 fasteners (2)	2054-1		2054-5	
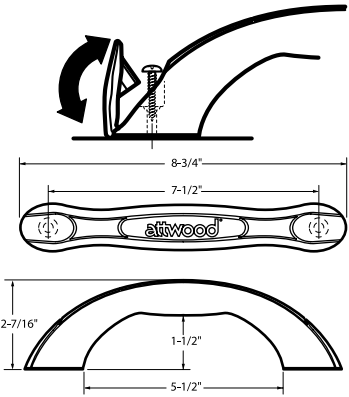
2050

Flexible Grab Handles

Flexible grab handles for flush, flexible mounting. They can be mounted to a variety of irregular surfaces and angles on swim platforms, cockpits and companionways. Constructed from soft polypropylene webbing over a semi-rigid core. Available with or without an over-molded grip. Because of the soft, pliable webbing in these handles and the absence of any sharp edges, they are safe in areas where occupants might impact them. They meet the ABYC H-41 standard for strength: "withstand a load of 400 lbs. in any direction." All materials are non-corrosive, UV stable and mildew-resistant.
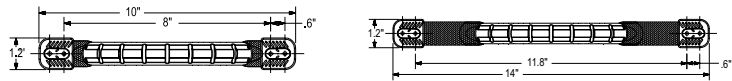
Description	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Flexible grab handle w/over-molded grip	#12 fasteners (4)	2061-1	2061-5
Flexible grab handle w/over-molded grip, extended	#12 fasteners (4)	2080-1	—

2061

2080

HATCH HARDWARE

Flush Hatch Pulls

The new low profile flush hatch pull is an easy access handle for installation in lids, doors, compartments, and hatches. Handle is easy to grip, even with gloved hands. Made of glass filled propylene with black textured finish.
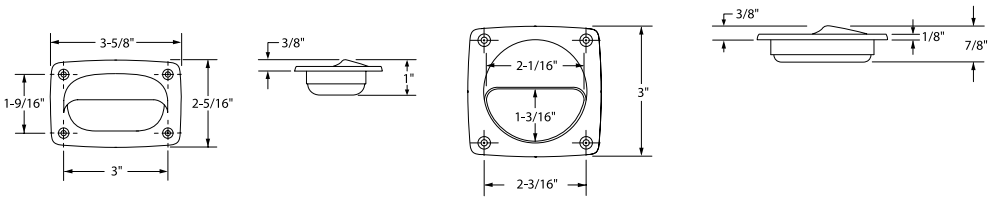
2027

2028

Description	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
Rectangular	#6 fasteners (4)	**2027-1**	**2027-7**
Round	#6 fasteners (4)	**2028-1**	—

Deck Plate/Inspection Port

For inspection and general access to valves and deck vents. Easy opening, screw-out design–no tools required. High impact ABS plastic with textured surface. Durable, rugged, weather-resistant. Flange is pre-drilled with six holes.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

12793

12794

Description	Color	Fastener Quantity	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4"-dia.	White	#8 fasteners (6)	**12790-1**	*	**12790-3**	*
	Black	#8 fasteners (6)	**12791-1**	*	**12791-3**	*
6"-dia.	White	#8 fasteners (6)	**12792-1**	*	**12792-5**	*
	Black	#8 fasteners (6)	**12793-1**	*	**12793-5**	*
8"-dia.	White	#8 fasteners (6)	**12794-1**	*	—	

Hatch Lift Spring, Stainless Steel

Deflecting spring holds hatch or motor box open, bends to close. Stainless steel, flush mounting.

12460

Description	Fastener Quantity	Bulk Packaging	Aftermarket Packaging
7/16"-dia. x 8-3/4"	#8 fasteners (2)	**12460-1**	**12461-3**

HOOKS

Chain Link

For easy connection of anchor rope thimbles to anchor chain. Available in rugged stainless steel or zinc-plated steel construction material.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Diameter	Length	Maximum Safe Load ▽	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel	5/16"	2-7/8"	3,000 lbs.	—		12891L3	
	3/8"	3-1/4"	4,000 lbs.	—		12889L3	*
Zinc-Plated Steel	7/32"	2-1/4"	1,000 lbs.	—		12355-3	*
	5/16"	3"	2,000 lbs.	—		12357-3	*

12891

Marine Carabiner

Spring-loaded closure.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Length	Ring Diameter	Maximum Safe Load ▽	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Stainless Steel	2-1/2"	1/4"	350 lbs.	12412-1		—	
	3-1/8"	5/16"	575 lbs.	—		12415L3	
Zinc-Plated Steel	2-1/2"	1/4"	300 lbs.	—		12303-3	*
	3-1/2"	3/8"	600 lbs.	—		12305-3	*
	3-1/8"	5/16"	700 lbs.	—		7651-3	

12415

Utility Snap Hook

Zinc-plated steel with spring-loaded closures.

Description	Length	Ring Diameter	Maximum Safe Load ▽	Bulk Packaging	Aftermarket Packaging
Light-duty	4"	1/4"	500 lbs.	—	7653L3
Heavy-duty	4"	5/8"	2,500 lbs.	—	7640-3
Heavy-duty	4-1/4"	5/8"	2,500 lbs.	—	12261L3

7653   7640

12261

▽ *Maximum safe load is approximately half of maximum load or break strength.*
Do not exceed maximum safe load. Do not use in applications where life or limb is at risk.

Eye Snap Hooks

With spring-loaded closure, for a variety of uses.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Closed Eye	Throat	Length	Eye Diameter	Maximum Safe Load ▽	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Fixed Eye	Chrome-Plated Zinc	3/8"	3-1/4"	1"	200 lbs.	—		12319-3	
Swivel Eye	Chrome-Plated Brass	1/2"	3"	5/8"	200 lbs.	—		3460-3	*

12319

3460

Clamp-On Oarlocks

Zinc-plated steel resists rust. Oarlock fastens securely to oar with one adjustable bolt, no drilling required.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Shank 1/2"-dia. x 2"	—		9146-3	*

9146

FASTENER KITS

Handy kits contain a variety of the most commonly used stainless steel fasteners for marine projects.
Fasteners are designed for installation of most Attwood products.

Deluxe Fastener Kit

A variety of wood screws, machine screws, hex nuts, and washers sizes #6 through #10 in a compartmented,
see-through plastic case with snap-close lid.

Description	Includes	Bulk Packaging	Aftermarket Packaging
Deluxe fastener kit	134 pieces	—	12152-3

12152

▽ *Maximum safe load is approximately half of maximum load or break strength.*
Do not exceed maximum safe load. Do not use in applications where life or limb is at risk.

GAS SPRINGS
& ACCESSORIES

Attwood is partnered with Stabilus®, the world's leading supplier of gas springs and related products with over 100,000,000 units in the field. All Attwood springs are made with bio-degradable no hazard to water grade oil (WGK), making them the marine industry's most environmentally friendly gas springs. All springs pass ASTM B117, Attwood salt spray and a 30,000 cycle lifecycle test. Attwood springs come with support to ensure the proper spring for your specific application, including: marine, industrial, agricultural, pharmaceutical, food processing, and medical. Available in 6mm, 8mm and 10mm configurations between 10–200 lbs.

Ni-Slide Series
Attwood's widest selection of configurations and lengths. The industry's proven leader in value, quality and durability.

Stainless Steel Series
Attwood INOX Stainless Steel Series. Stainless steel shell and rod ensure corrosion-resistance and up to 30% lower cost than traditional stainless springs. All stainless steel series springs come with high-strength, corrosion-proof composite end fittings.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

OEM Gas Springs

Length (inches)				Ni-Slide Series			Stainless Standard Series		
Extended	Compressed	Stroke	End Fitting Type	Available Output Force	Bulk Part No.	Prop 65	Available Output Force	Bulk Part No.	Prop 65
6 x 15 - 6MM ROD x 15MM CYLINDER									
6.50	4.90	1.60	6.3mm Dia. Blade	10-60	SL4-XX-1◊	*	—	—	
7.50	5.25	2.25	10mm Socket	10-60	SL11-XX-1◊	*	10-70	ST11-XX-1◊	*
10.00	7.00	3.00	10mm Socket	10-60	SL10-XX-1◊	*	10-70	ST10-XX-1◊	*
12.04	8.46	3.58	10mm Socket	10-60	SL15-XX-1◊	*	10-70	ST15-XX-1◊	*
15.00	9.50	5.50	10mm Socket	10-60	SL13-XX-1◊	*	10-70	ST13-XX-1◊	*
17.20	10.20	7.00	10mm Socket	10-60	SL16-XX-1◊		—	—	
20.00	12.00	8.00	10mm Socket	10-60	SL14-XX-1◊		10-70	ST14-XX-1◊	*
8 x 18 - 8MM ROD x 18MM CYLINDER									
7.50	5.25	2.25	10mm Socket	20-120	SL31-XX-1◊		20-120	ST31-XX-1◊	*
10.00	7.00	3.00	10mm Dia. Blade	20-120	SL1-XX-1◊		—	—	
10.00	7.00	3.00	10mm Socket	20-120	SL30-XX-1◊		20-120	ST30-XX-1◊	*
10.50	7.50	3.00	10mm Socket	20-120	SL32-XX-1◊		20-120	ST32-XX-1◊	*
12.04	8.46	3.58	10mm Socket	20-120	SL35-XX-1◊	*	20-130	ST35-XX-1◊	*
15.00	9.50	5.50	10mm Dia. Blade	20-120	SL2-XX-1◊		—	—	
15.00	9.50	5.50	10mm Socket	20-120	SL33-XX-1◊	*	20-150	ST33-XX-1◊	*
17.20	10.20	7.00	10mm Socket	20-120	SL36-XX-1◊	*	20-150	ST36-XX-1◊	*
20.00	12.00	8.00	10mm Dia. Blade	20-120	SL3-XX-1◊	*	—	—	
20.00	12.00	8.00	10mm Socket	20-120	SL34-XX-1◊	*	20-150	ST34-XX-1◊	*
23.00	13.12	9.87	10mm Socket	30-120	SL38-XX-1◊		—	—	
26.30	16.10	10.20	10mm Socket	20-120	SL37-XX-1◊		20-150	ST37-XX-1◊	*
10 x 22 - 10MM ROD x 22MM CYLINDER									
20.20	12.30	7.90	13mm Socket	30-240	SL20-XX-1◊		30-200	STX20-XX-1◊	*
20.20	12.30	7.90	10mm Socket	—	—		30-200	ST20-XX-1◊	*
26.30	16.10	10.20	10mm Socket	30-180	SL25-XX-1◊		—	—	
26.97	15.20	11.77	10mm Socket	30-180	SL26-XX-1◊	*	30-200	ST26-XX-1◊	*
28.00	16.50	11.50	10mm Socket	30-180	SL27-XX-1◊		—	—	
30.91	17.13	13.78	10mm Socket	30-180	SL28-XX-1◊	*	—	—	
36.30	21.10	15.20	13mm Socket	30-180	SL29-XX-1◊		30-200	STX29-XX-1◊	*
36.30	21.10	15.20	10mm Socket	—	—		30-200	ST29-XX-1◊	*

Composite / Metal End Fitting (Ni-Slide)

NEW All Composite End Fitting (Stainless Steel)

Ball Socket Stainless Steel 13mm Ball Socket

Blade End

◊ *To complete the part number, replace XX with the desired available output force 10-200 (lbs.)*
(Example: SL14-10-1 = 10 lbs. output force, ST26-180-1 = 180 lbs. output force)

Aftermarket Gas Springs

Popular replacement gas springs and mounting brackets for the aftermarket. Attwood has taken the guess-work out of deciding which gas springs and mounting brackets to offer your marine and RV customers. Packaged in see-through hanging packages, gas springs and mounting brackets can be plan-o-grammed together to provide an attractive one-stop display for convenient customer selection. Additional packaged gas spring sizes and output forces are available. Ask your Attwood sales rep or customer service associate for details.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Length (inches)				Standard Output Force (lbs)	Ni-Slide Series Aftermarket Packaging	Prop 65	Stainless Standard Series Aftermarket Packaging	Prop 65
Extended	Compressed	Stroke	End Fitting Type					
6 x 15 - 6MM ROD x 15MM CYLINDER								
10	7	3	10mm Socket	40	SL10-40-5		ST10-40-5	*
15	9.5	5.5	10mm Socket	20	SL13-20-5		—	
15	9.5	5.5	10mm Socket	60	SL13-60-5		ST13-60-5	
17.2	10.2	7	10mm Socket	30	SL16-30-5		—	
20	12	8	10mm Socket	20	SL14-20-5		ST14-20-5	
20	12	8	10mm Socket	30	SL14-30-5		ST14-30-5	*
20	12	8	10mm Socket	40	SL14-40-5		ST14-40-5	
20	12	8	10mm Socket	50	—		ST14-50-5	
20	12	8	10mm Socket	60	SL14-60-5		ST14-60-5	
8 x 18 - 8MM ROD x 18MM CYLINDER								
7.5	5.25	2.25	10mm Socket	20	SL31-20-5		ST31-20-5	
7.5	5.25	2.25	10mm Socket	30	SL31-30-5		ST31-30-5	
7.5	5.25	2.25	10mm Socket	40	SL31-40-5		ST31-40-5	
10	7	3	10mm Diameter Blade	20	SL1-20-5		—	
10	7	3	10mm Diameter Blade	40	SL1-40-5		—	
10	7	3	10mm Socket	20	SL30-20-5		ST30-20-5	*
10	7	3	10mm Socket	40	SL30-40-5		ST30-40-5	*
10	7	3	10mm Socket	60	SL30-60-5		ST30-60-5	
10.5	7.5	3	10mm Socket	20	SL32-20-5		ST32-20-5	
10.5	7.5	3	10mm Socket	30	SL32-30-5		ST32-30-5	
12.04	8.46	3.58	10mm Socket	20	SL35-20-5		ST35-20-5	
12.04	8.46	3.58	10mm Socket	30	SL35-30-5		ST35-30-5	
12.04	8.46	3.58	10mm Socket	40	SL35-40-5		ST35-40-5	
12.04	8.46	3.58	10mm Socket	50	SL35-50-5		ST35-50-5	
15	9.5	5.5	10mm Diameter Blade	40	SL2-40-5		—	
15	9.5	5.5	10mm Socket	20	SL33-20-5		ST33-20-5	
15	9.5	5.5	10mm Socket	30	SL33-30-5		ST33-30-5	
15	9.5	5.5	10mm Socket	40	SL33-40-5		ST33-40-5	
15	9.5	5.5	10mm Socket	50	SL33-50-5		ST33-50-5	
15	9.5	5.5	10mm Socket	60	SL33-60-5		ST33-60-5	
17.2	10.2	7	10mm Socket	20	SL36-20-5		ST36-20-5	
17.2	10.2	7	10mm Socket	30	SL36-30-5		ST36-30-5	
17.2	10.2	7	10mm Socket	40	SL36-40-5		ST36-40-5	
17.2	10.2	7	10mm Socket	50	SL36-50-5		ST36-50-5	
17.2	10.2	7	10mm Socket	60	SL36-60-5		ST36-60-5	
17.2	10.2	7	10mm Socket	70	SL36-70-5		ST36-70-5	
17.2	10.2	7	10mm Socket	80	SL36-80-5	*	ST36-80-5	
17.2	10.2	7	10mm Socket	90	SL36-90-5		ST36-90-5	
20	12	8	10mm Diameter Blade	60	SL3-60-5	*	—	
20	12	8	10mm Socket	20	SL34-20-5		ST34-20-5	
20	12	8	10mm Socket	30	SL34-30-5		ST34-30-5	
20	12	8	10mm Socket	40	SL34-40-5		ST34-40-5	
20	12	8	10mm Socket	50	SL34-50-5		ST34-50-5	
20	12	8	10mm Socket	60	SL34-60-5		ST34-60-5	
20	12	8	10mm Socket	80	SL34-80-5		ST34-80-5	
20	12	8	10mm Socket	90	SL34-90-5	*	ST34-90-5	
20	12	8	10mm Socket	120	SL34-120-5		ST34-120-5	

Threaded Studs

21/32"	29/64"	1/2"	19/32"	19/32"
3/8"	9/16"	1"	19/32"	1"
1/4"	5/16"	5/16"	5/16"	5/16"
SL68-BS	SL69-BS	SL70-BS	SL64-BS	SL74SSBS
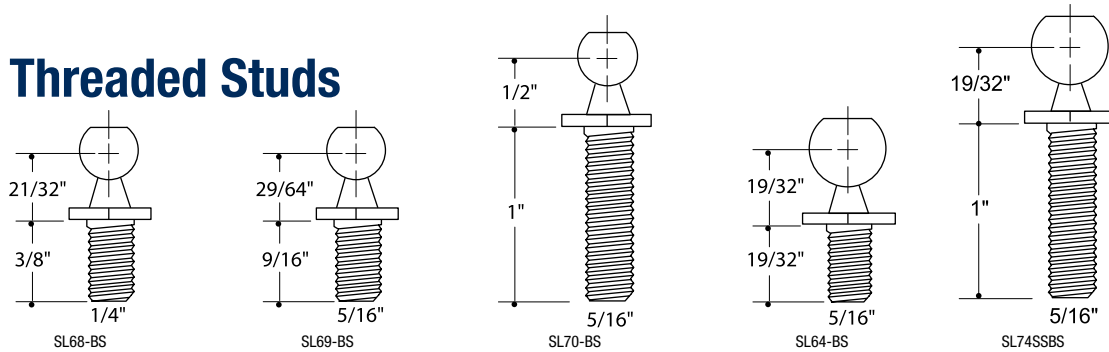
Used as an alternative to mounting brackets, threaded studs can be mounted directly to hatches or other mounting surfaces in applications where the mounting surface is made of metal or another material with the strength to withstand the forces of a gas spring attachment point

Choice of Attachment Points and Finish

Threaded studs are available with "Ball" or "Blade" gas spring attachment points, and a choice of materials, including zinc plated steel, or stainless steel.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Length	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
WITH 10MM BALL END					
Zinc Plated	3/8"	SL68-BS-1	*	—	
	9/16"	SL69-BS-1	*	—	
	1"	SL70-BS-1	*	—	
Stainless Steel	3/4"	SL75-SSBS-1	*	—	
	9/16"	SL69SSBS-1		—	
WITH 13MM BALL END					
Zinc Plated	19/32"	SL64-BS-1	*	—	
Stainless Steel	19/32"	SL64SSBS-1	*	—	
	1"	SL74SSBS-1	*	—	

SL68BS

SL70BS

SL64SSBS

MOUNTING BRACKETS

Mounting Brackets are used as attachment points for gas springs on hatches and other mounting surfaces where:
- Mounting surface material is not strong enough to support direct attachment of gas spring using a threaded stud
- The angle and position of the attachment point requires the need for a mounting bracket

Choice of Pem Attachment Ball Pem Points and Finish

Mounting brackets are available with Blade Pem or Ball Pem gas spring attachment points, and a choice of materials and finishes, including zinc-plated steel (with or without black painted finish), stainless steel, or aluminum.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Aftermarket Mounting Brackets

Bracket Series No.	Style	Pem Type	Mounting Holes	Pem Direction	Finish	Aftermarket Packaging	Prop 65
SL40	Flat	Ball 10mm	2	Forward	Stainless Steel	SL40SSP3-7	*
SL50	90°	Ball 10mm	2	Forward	Stainless Steel	SL50SSP3-7	*

Blade Pem

Forward   Reverse

Ball Pem

Forward   Reverse
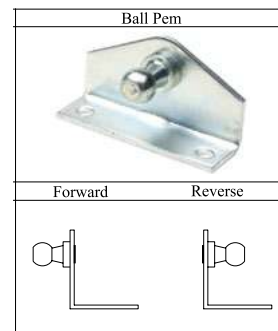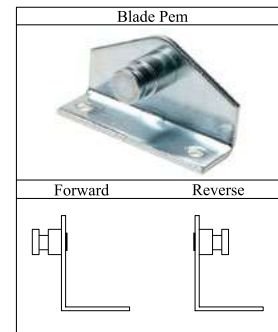
OEM Mounting Brackets

SL3H Bracket

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Stainless Steel	Forward	Ball 10mm	SL3HSSP3-1	*
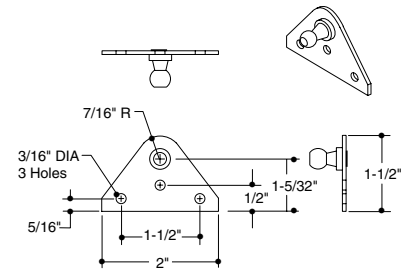
SL40 Bracket

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL40P3-1	*
Black Painted	Forward	Ball 10mm	SL40BP3-1	*
Stainless Steel	Forward	Ball 10mm	SL40SSP3-1	*
Stainless Steel, Black Painted	Forward	Ball 10mm	SL40SSBP3-1	*
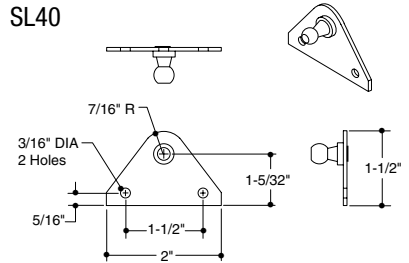
SL46 Bracket

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Reverse	Ball 10mm	SL46P3R-1	*
Stainless Steel	Forward	Ball 10mm	SL46SSP3-1	*
	Reverse	Ball 10mm	SL46SSP3R-1	*
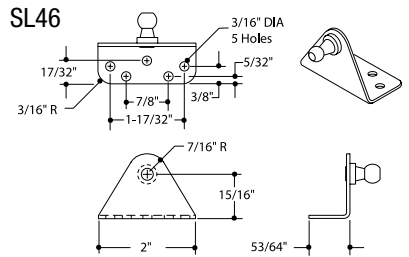
SL44 Left-Hand Crescent Bracket

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL44P3-1	*
	Reverse	Ball 10mm	SL44P3R-1	*
Black Painted	Reverse	Ball 10mm	SL44BP3R-1	*
Stainless Steel	Forward	Ball 10mm	SL44SSP3-1	*
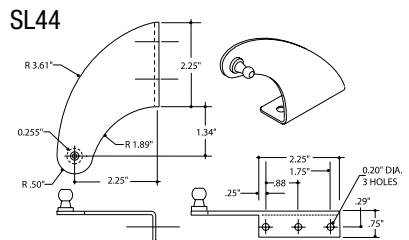
SL48 Right-Hand Crescent Bracket

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL48P3-1	*
Black Painted	Reverse	Ball 10mm	SL48BP3R-1	*
Stainless Steel	Forward	Ball 10mm	SL48SSP3-1	*
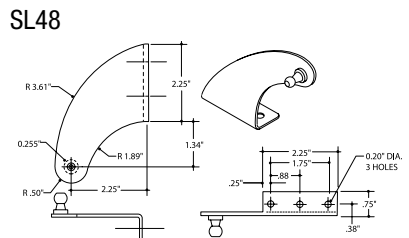
Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.

SL3H

SL40

SL46

SL44

SL48

SL50 Bracket

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL50P3-1	*
	Reverse	Ball 10mm	SL50P3R-1	*
Black Painted	Forward	Ball 10mm	SL50BP3-1	*
Stainless Steel	Forward	Ball 10mm	SL50SSP3-1	*
	Reverse	Ball 10mm	SL50SSP3R-1	*
Stainless Steel (3 holes)	Forward	Ball 10mm	SL50SSP3SB-1	*
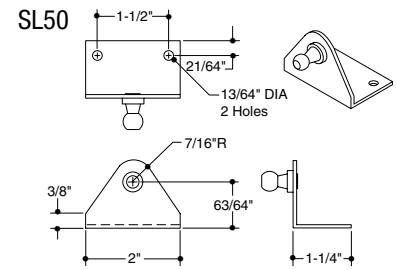
SL513H Bracket

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL513HP3-1	*
	Reverse	Ball 10mm	SL513HP3R-1	*
Black Painted	Reverse	Ball 10mm	SL513HBP3R-1	*
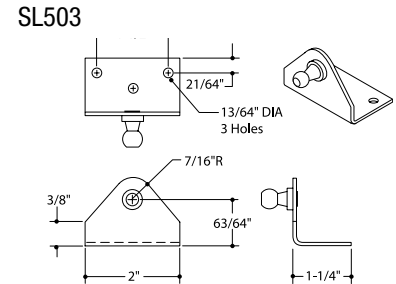
SL514H Bracket

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Stainless Steel	Forward	Ball 10mm	SL514HSSP3-1	*
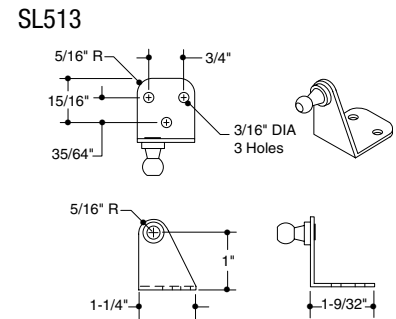
SL52 Bracket

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL52P3-1	*
	Reverse	Ball 10mm	SL52P3R-1	*
Stainless Steel	Forward	Ball 10mm	SL52SSP3-1	*
	Reverse	Ball 10mm	SL52SSP3R-1	*
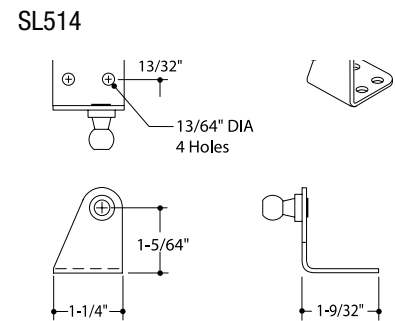
SL54 Bracket

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Stainless Steel	Forward	Ball 10mm	SL54SSP3-1	*
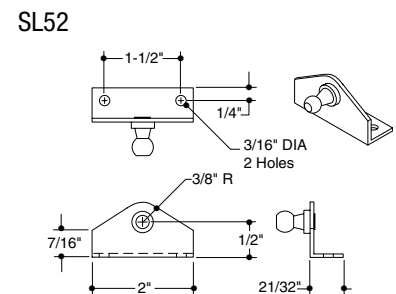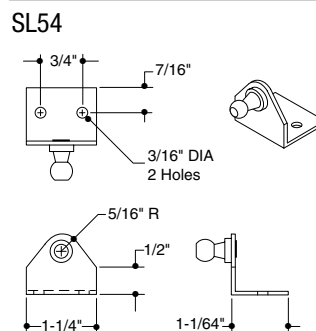
SL54

SL50

SL503

SL513

SL514

SL52

Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.

SL57 Bracket

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	**SL57P3-1**	*
Stainless Steel	Reverse	Ball 10mm	**SL57SSP3R-1**	*
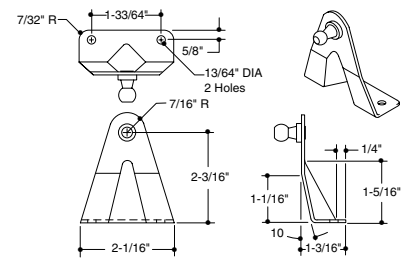
SL58 Bracket

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Black Painted	Forward	Ball 10mm	**SL58BP3-1**	*
	Reverse	Ball 10mm	**SL58BP3R-1**	*
Stainless Steel	Forward	Ball 10mm	**SL58SSP3-1**	*
	Reverse	Ball 10mm	**SL58SSP3R-1**	*
Stainless Steel, Black Painted	Reverse	Ball 10mm	**SL58SSBP3R-1**	*
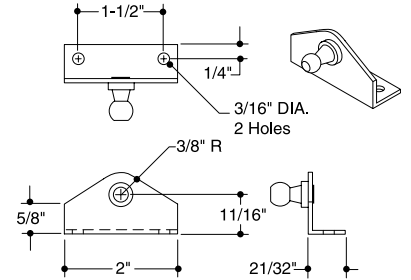
SL61 & SL63 Bracket

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Stainless Steel	Forward	Ball 13mm	**SL63SSBS-1**	*
	Reverse	Ball 13mm	**SL61SSBS-1**	*

SL57
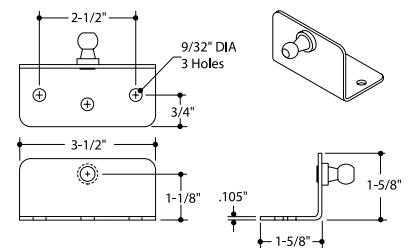
SL58

SL61 & SL63

Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.

SL62 Bracket

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Stainless Steel	Forward	Ball 13mm	SL62SSBS-1	*

SL62

SL65 Bracket

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL65P3-1	*
Black Painted	Forward	Ball 10mm	SL65BP3-1	*
Stainless Steel	Forward	Ball 10mm	SL65SSP3-1	*

SL65

SL72 Bracket

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Stainless Steel	Forward	Ball 10mm	SL72SSBS-1	*

SL72

SL76 Bracket

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Stainless Steel	Forward	Ball 10mm	SL76SSP3-1	*
	Reverse	Ball 10mm	SL76SSP3R-1	*

SL76

SL77 Bracket

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Finish	Pem Direction	Pem Type	Bulk Packaging	Prop 65
Zinc-Plated	Forward	Ball 10mm	SL77P3-1	*

SL77

Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.

SEATING SYSTEMS & PEDESTALS

SWIVL-EZE®
EXCEEDS THE HIGHEST STANDARDS

The American Boat & Yacht Council has established rigorous safety codes for seating hardware. Swivl-Eze welcomes these standards because we know seating is the critical interface between a boating passenger and a safe and comfortable boat. We exceed ABYC standards to ensure the strength and safety of every Swivl-Eze product.

ABYC REQUIREMENTS REFERENCE GUIDE

To make specifying simple, we've created an easy visual coding system. Throughout this catalog, each code shows the rating applied to individual hardware.

AO = Operator (Used at the helm/driver position)

AN = Non-Operator (Not to be used at the helm/driver position)

B = Not to be used at the helm/driver position for speeds not to exceed 5 mph

ABYC H31 SEAT STANDARDS

Go to attwoodmarine.com for updated requirements.

GENERAL REQUIREMENTS FOR ALL SEAT TYPES. (AO, AN, B)

31.6.1	Provided with a means to preent unintentional detachment
31.8.7	Withstand static load of 450 lbs.
31.8.13.1	Adjustable height seats must withstand vertical dynamic test

SPECIFIC REQUIREMENTS BASED ON SEAT TYPE (Catalog reference code)
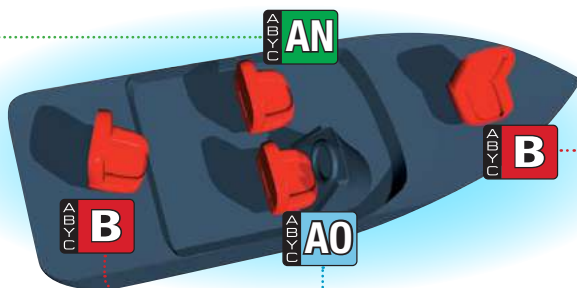
AN
TYPE A:
NON-OPERATOR
(Not to be used at the helm/driver position)

31.7.3	Swivel locking mechanism must sustain torque of 30 ft. lbs.
31.3	A seat designed for occupancy while the vessel is underway at any speed
31.7.1	Employ a locking mechanism for each plane or axis of movement
31.7.4	Seats with fore/aft adjustment must sustain static load of 300 lbs. for 3 minutes in mid position
31.7.5	Seats with a vertical adjustment feature shall have a positive locking mechanism
31.8.3	Sustain 10 impacts of 225 lbs.

AO
TYPE A:
OPERATOR
(Used at the helm/driver position)

31.7.6.1	Must have positive locking swivels which withstand 150 ft. lbs. of torque
31.7.6.2	All seats interchangeable with the operator's seat must meet the requirements of this section
31.3	A seat designed for occupancy while the vessel is underway at any speed
31.7.1	Employ a locking mechanism for each plane or axis of movement
31.7.4	Seats with fore/aft adjustment must sustain static load of 300 lbs. for 3 minutes in mid position
31.7.5	Seats with a vertical adjustment feature shall have a positive locking mechanism
31.8.3	Sustain 10 impacts of 225 lbs

B
TYPE B
(Not to be used at the helm/driver position)

31.3	A seat designed for occupancy only at boat speeds not exceeding five miles per hour
31.8.3	Sustain dynamic loads at 1/2 the velocity required for Type A seats

EXCEPTIONS:

31.2.1	ABYC H31 standards do not apply to canoes, kayaks, sailboats, inflatables, race boats, tiller steered boats and boats rated for less than 10 horesepower or manual propulsion

FIND A MATCH FOR EVERY BOATER'S STYLE OF COMFORT

Attwood introduces award-winning seating innovations, year after year. As the Attwood seating group grows, you can find the right seating style for every type of recreational boating, and every type of customer.

BUCKET SEATING
For cruisers, runabouts, deck boats, and pontoon boats

Aergo
- Designed to be comfortable in any seating position
- Includes our 4-G Mesh SAS suspension

Avenir™
- Outstanding support, luxury, and styling
- Exclusive SAS™ Quad-Spring™ suspension offers unequalled shock absorption and comfort

Molded Bucket Seat
- Made from high-impact plastic
- Comfortable, ergonomic design

FOLDING SEATS
For all fishing boats and pontoon boats

Centric X
- Enhanced core for strength and durability
- Updated pattern styling
- Available with standard or premium accent colors

Attwood Classic
- One-hand open/close feature
- Pinch-less hinge
- Available in white, camouflage, or gray

Venture™
- The best ergonomic contouring for cool comfort, with or without upholstery
- Patented no-pinch folding hinge

Low Back Fold Down Fishing Seats
- High impact plastic frame and aluminum hinges
- UV resistant
- Easy to clean vinyl

Padded Flip Boat Seats
- Thick and comfortable padding
- Compact and lightweight

CASTING SEAT
For all fishing boats and pontoon boats

- Offers support and comfort for long-term use
- Made with marine-grade vinyl
- Works with any casting seat application

Aftermarket Seating Offering

Seat Name	Part Number	Color
Aergo (p. 193)	98966BK-2	Bright White/Black
	98966BL-2	Bright White/Blue
	98966BW-2	Bright White/Bright White
	98966RD-2	Bright White/Red
	98967OW-2	Off White/Off White
	98968BK-2	Gray/Black
Avenir (p. 195)	98437BK-2	Off White/Black
	98437OW-2	Off White/Off White
	98438BL-2	Bright White/Blue
	98438BW-2	Bright White/Bright White
	98438GY-2	Bright White/Gray
	98438RD-2	Bright White/Red
	98439BK-2	Gray/Black
	98439GY-2	Gray/Gray
Molded Bucket (p. 204)	98390GY	Gray
Centric X (p. 197)	97S03BK-2	Gray/Black
	97S03BL-2	Gray/Blue
	97S03RD-2	Gray/Red
	97S04BE-2	Beige/Beige
	97S05BK-2	Black/Black
	97S05RD-2	Black/Red
	97SMAX4-2	Camo
Classic (p. 201)	98386-2	Two-Tone Gray
	98387-2	Camouflage
	98388-2	White
Venture (p. 202)	97100-001-2	White
	97100-005-2	Gray
	97100-006-2	Olive
Proform (p. 203)	7012-004-4	Gray/Blue
	7012-101-4	White/White
	7012-102-4	White/Blue
	7012-103-4	White/Red
	7012-104-4	Gray/Red
	7012-105-4	White/Gray
	7012-504-4	Gray/Gray
Low-Back Fold Down Fishing Seats (p. 204)	98395CAMO	Camo
	98395GY	Gray
	98395WH	White
Padded Flip Boat Seats (p. 204)	98391GNMX	Green
	98391GY	Gray
Casting (p. 204)	98505CA	Camo
	98505GY	Gray
	98505WH	White

OEM Seating Offering

Seat/Kit Name	Part Number	Material
Aergo (p. 194)	98961-1	Plastic/Foam
	98963-1	Plastic/Foam
	98990-1	Plastic/Foam
	98991-1	Plastic/Foam
Avenir (p. 196)	98201-1	Plastic
	98202-1	Plastic
	98203-1	Plastic
	98204-1	Plastic
	7060-1	Plastic
	7040-1	Plastic
	ATT103	Foam
	ATT101	Foam
	ATT102	Foam
	ATT109	Foam
	ATT110	Foam
Centric X (p. 198-200)	98900-1	Plastic
	98908-1	Plastic
	98910-1	Plastic
	ATT200-1	Foam
	ATT2005-1	Foam
	ATT210-1	Foam
	98100-1	Plastic
	98120-1	Plastic
	7009-1	Plastic
	7006-1	Plastic
	98124	Plastic
	ATT001	Foam
	ATT008	Foam
	ATT009	Foam
	ATT016	Foam
	ATT002	Foam
	ATT007	Foam
Classic (p. 201)	98386-2	Gray Vinyl
	98387-2	Camo Poly
	98388-2	White Vinyl
Venture (p. 202)	97100-001-1	White Plastic
	97100-005-1	Gray Plastic
	97100-006-1	Olive Plastic
Proform (p. 203)	7012-101-1	White Plastic/Vinyl
	7012-004-1	Gray Plastic/Blue Vinyl
	7012-504-1	Gray Plastic/Vinyl
	7022-101-1	White Plastic/Vinyl
	7020-001-1	White Plastic
	7015-001-1	White Plastic

THE FACTORS OF SEATING COMFORT

What makes a seat comfortable? The answer becomes complex as boating becomes more specialized and boaters more sophisticated. As your seating expert, Attwood stays ahead of design trends. In the columns below we list the universal and specialized comfort factors you should look for in any seat you choose.

UNIVERSAL FACTORS

Contouring
- The seat's backrest follows the natural curve of the spine
- An upward curve at the back of the seat pan rotates the pelvis forward and properly positions the lumbar region
- A rounded front ("waterfall") edge reduces pressure on the thighs

Backrest Angle
- The seat relieves pressure by shifting upper body weight to the backrest, while not reducing support. This is done by angling the seat and seat mount
- Optimal seat pan-to-backrest angle is 95° -105° for passengers, 95° - 100° for drivers

Seat Height
- Pedestal height is critical for comfort and driver's vision. If too low: weight shifts onto the sitting bones. If too high: weight shifts onto back of the thighs and into the spine
- Seat height should be adjustable within a 5" range — 14-1/2" to 19-1/2" above the deck

Proper Dimensions
- Seats should fit a range of body sizes
- Attwood's seats accommodate body frames ranging from small (5th percentile female) to large (95th percentile male)

Venture Fishing Seat is contouring in it's purest form

SPECIALIZED FACTORS

Shock Absorption
- Attwood was the first to create effective shock absorption that isolates the boater's spine from hull pounding. Attwood accomplishes this through our two revolutionary seating suspension systems. Both take a 4G hit without transferring shock to the rider by providing 3-inches of travel for a soft landing without bottoming out.

Cushioning
- On Attwood seats, the right amount of sculpted foam enhances the comfort and support already designed into the ergonomic contour
- If foam is too thick, the body "swims" without support, and movement is restricted
- If the foam is soft or thin, it "bottoms out," leading to discomfort or injury

Breathability
- Venture folding fishing seats have ventilated seat back and pan to allow pass-through of air and water for increased comfort
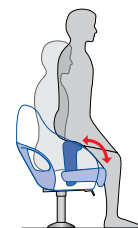
Accessories
- A flip-up bolster can add height and improve the field of vision for maneuvering

SAS™ Quad-Spring Suspension

4G Mesh SAS Suspension

SAS SHOCK ABSORBING SYSTEM

SAS and 4G Mesh SAS Suspensions Provide Dynamic Comfort Underway and Static Comfort for Relaxing

Dynamic Comfort
- While underway, both SAS suspension types absorb up to 4Gs of impact from waves and hull pounding.
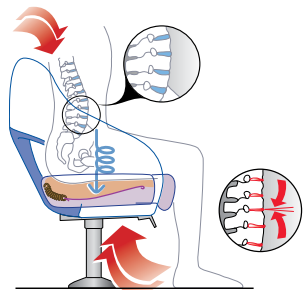
With Suspension
Impact is absorbed by the suspension — not the boater.

Without Suspension
Repeated impact can cause pain and chronic disk injury.
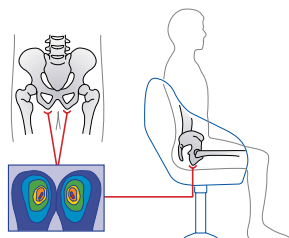
Static Comfort
Even while idle and sitting still, the SAS suspension adjusts to pressure and adds long term comfort.
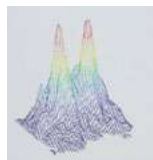
Conventional Seat
Graphs show that conventional seats allow pressure points and impaired circulation around sharp "sitting bones".

Seat with Suspension
The Attwood suspensions have stretching action to minimize pressure points.

AERGO
SEATING

AO AN

The Aergo seat was definitely designed with comfort in mind. Angled back and cut-out allow the user to get a comfortable back angle in any seating position. Arm cap is angled in to keep arms in seat. The back of the seat is pushed back to allow more seating area in the seat pan. A recessed arm area allows user to swing their leg over the side of the seat when turning to look behind the boat and the flip-up bolster allows additional height when trying to get the boat on plane. Aergo also possesses a feature that you expect in Attwood premium seating, the Mesh SAS Shock Absorbing System that absorbs up to 4Gs of shock.

* ⚠ **WARNING**   Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*
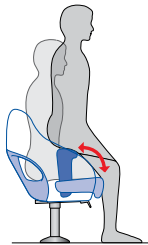
98966BK

Aergo Fully Upholstered Seats

The Aergo seat was designed to be comfortable in any seating position.
Features the 4G Mesh SAS shock absorbing system that absorbs up to 4Gs of shock.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Example of a fully upholsered seat.

Description	Base Color	Accent Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aergo Fully Upholstered with Flip-Up Bolster	Off-White	Off-White	—		98967OW-2	*
	Bright-White	Black	—		98966BK-2	*
		Blue	—		98966BL-2	*
		Bright-White	—		98966BW-2	*
		Red	—		98966RD-2	*
	Gray	Black	—		98968BK-2	*

Aergo Seat Shell Kits

These Aergo Kits contain all the molded foam and plastic in one!
Our 4G Mesh SAS Shock Absorbing System and molded-in armrests give extra functional elements to the design and ergonomic comfort of this seat.

Aergo Kit Components
These kits contain the molded core, pan, and bolster plastic and foam pieces. You can choose either the standard kit, which contains standard bolster foam, or the large bolster kit which has larger bolster foam for added comfort during elevated seating.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

001003622   001003615   001003615
ATT119   001003622
ATT120   ATT119

914113   914108   001002607   914108
Standard Bolster Foam – 98961   914113   Large Bolster Foam – 98963

Aergo 240 Kits

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aergo 240 Kit with standard bolster	**98961-1**	*	—	
Aergo 240 Kit with large bolster	**98963-1**	*	—	

001003622   001007923   001007923
ATT119   001003622
ATT120   ATT119

914108   001002607   914108
914113   Standard Bolster Foam – 98990   914113   Large Bolster Foam – 98991

Aergo 220 Kits

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aergo 220 Kit with standard bolster	**98990-1**	*	—	
Aergo 220 Kit with large bolster	**98991-1**	*	—	

AVENIR™ SPORT
SEATING

Avenir Sport is the world's first bolster seat with the award winning, patented SAS shock absorbing system. Avenir Sport features a compact, low profile, sporty styling. It's ideal for smaller cockpits or any application where boater comfort and compact size are important.

Seat Shell and Molded Foam
Work together to provide ergonomic comfort and spinal support.

Arm Contour
Stylish curve supports the arms in a natural, comfortable position.

Flip-Up Bolster
Bolster down creates rounded edge at front of seat and exceeds ABYC H-31 Type A Driver requirements. Up position holds the bolster at a 102°. angle with 7" height for improved maneuvering vision or when boat is off plane.

SAS SHOCK ABSORBING SYSTEM

Recessed Bottom Angle
Rounded corners and recessed bottom angle minimize the bottom "footprint." Allows seat to swivel in confined spaces.

No Exposed Hinges
No ugly brackets or fasteners to color-match, pinch, or abrade.

Avenir™ Sport
Fully Upholstered Seats

Avenir™ Sport upholstered seats are trimmed out with a deep-tuck backrest, molded polyurethane foam, and marine grade vinyl upholstery. The side cutaway provides lower back ventilation. Seats include corrosion-resistant T-nuts for attachment to seat pedestals.

* ⚠ **WARNING** Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

22-1/4"   24"   24"   21-7/8"   26-5/8"
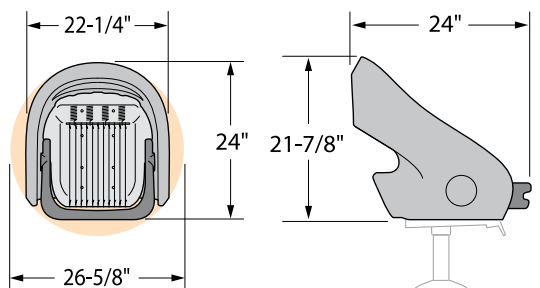
Description	Base Color	Accent Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Avenir Sport Fully Upholstered with Flip-up Bolster	Off-White	Off-White	—		98437OW-2	*
		Black	—		98437BK-2	*
	Bright-White	Blue	—		98438BL-2	*
		Bright-White	—		98438BW-2	*
		Gray	—		98438GY-2	*
		Red	—		98438RD-2	*
	Gray	Black	—		98439BK-2	*
		Gray	—		98439GY-2	*

AVENIR™ SPORT & AVENIR™ SEATING COMPONENTS

Avenir molded seating components have just four interlocking parts. This easy-to-install design, along with the universal hole pattern, reduces your upholstery and installation costs. Avenir uses marine-grade materials, a thermoplastic shell, and a stainless steel suspension grid with corrosion proof springs.

These components utilize a shell and backrest upholstery onsert which speeds up the upholstery of the seat shell and provide an easy means of adding stylish accent piece with deep-tuck seam. Onsert posts snap securely into the seat shell using foolproof clips for a quick and easy assembly.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

7023

Mid Back Shell
7041

7033

7043, 7044

Complete Kits.

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
AVENIR SPORT KITS				
Avenir Sport Kit - Standard Includes: ATT101, ATT102, ATT110, 7034, 7043, 7044	98201-1		—	
Avenir Sport Kit - Lumbar Includes: 7033, ATT101, ATT102, ATT110, 7034, 7043, 7044	98202-1	*	—	
Avenir Sport Kit - Headrest Includes: 7032, ATT101, ATT102, ATT109, 7034, 7043, 7044	98203-1	*	—	
AVENIR MIDBACK KIT				
Avenir Midback Kit Includes: 7040-1, 7023, 7041, 7043, 7044, 7060-1, ATT101, ATT102, ATT103	98204-1	*	—	

Upholstery Trim Rings

Avenir Upholstery Trim Rings provide a finished cap to cover seam where mesh and vinyl meet in ventilation holes at back of seat.

7060-1/Left side
7040-1/Right side

Description		Bulk Packaging	Aftermarket Packaging
AVENIR MIDBACK TRIM RINGS			
Left Side Trim Ring, White Plastic		7060-1	—
Right Side Trim Ring, White Plastic		7040-1	—

Molded Foam Packs

Molded foam packs are contoured specifically to enhance an ergonomic design for maximum comfort and style. Eliminates labor-intensive and costly cut foam and provides a consistent shape that improves the quality of the upholstered seat.

ATT109   ATT103

ATT101

ATT102

ATT110

ATT101

ATT102

Description	For Use with Component	Bulk Packaging	Aftermarket Packaging
AVENIR MIDBACK FOAM PACKS			
Avenir Midback Backrest Foam	—	ATT103	—
SEAT PAN FOAM PACKS			
SAS Seat Pan	—	ATT101	—
BOLSTER FOAM PACKS			
Flip-up Bolster	—	ATT102	—
AVENIR SPORT FOAM PACKS			
Avenir Sport Backrest with Headrest	—	ATT109	—
Avenir Sport Backrest with Lumbar Option	—	ATT110	—
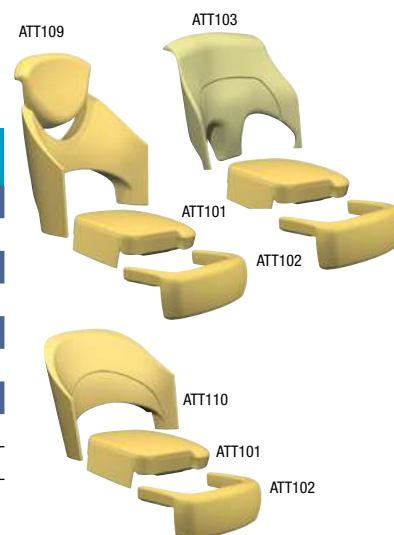
For questions regarding Attwood's most up-to-date seating selections, or for assistance with your seating application, contact your Sales Representative or Attwood Customer Service (616.897.9241)

CENTRIC X new
SEATING

Centric X now has a stronger and more durable core. The pattern styling is updated with advanced quality vinyls. The acrylic top coat provides anti-stain finish, UV stabilized pigments and is mildew resistant. Choose from standard or premium accent colors. Standard accent colors are the most popular options, or choose from premium accent colors to match specific boat color schemes.

* ⚠ **WARNING** Cancer and Reproductive Harm –

www.P65Warnings.ca.gov *(see page 240)*

Beige base
with beige accent

Light gray base
with red accent

Seat Pan Designed for
Proper Water Drainage

Folds Flat for a
Cleaner Look

Description	Base Color	Accent Color	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Centric X	Gray	Black	—		97S03BK-2	*
		Blue	—		97S03BL-2	*
		Red	—		97S03RD-2	*
	Beige	Beige	—		97S04BE-2	*
	Black	Black	—		97S05BK-2	*
		Red	—		97S05RD-2	*
	Camo	Camo	—		97SMAX4-2	*

23.5"

19"

21.5"

Turning Radius
14.1"
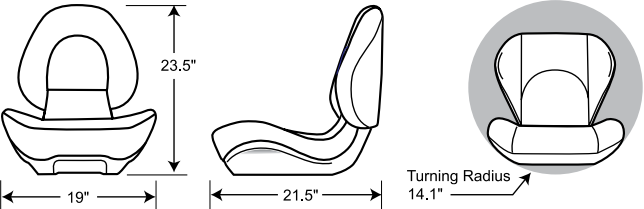
CENTRIC X
SEAT COMPONENTS

These sleek, functional, and ergonomically designed seats provide the new look you've been looking for in folding fishing or helm seats! Just choose the base plastic kit that suits your functional needs. Then choose a stylish foam kit and complete your look.

Seat Shell Kits

98900

98910

Centric X seat shell kits contain all plastic components to assemble.
Base pieces include corrosion-resistant T-nuts for pedestal attachment. Kits include assembly hardware.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	For Use with Foam Pack	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Non-SAS, Gray	ATT200-1, ATT205-1, or ATT210-1	**98900-1**	*	—	
Non-SAS, Dark Gray	ATT200-1, ATT205-1, or ATT210-1	**98908-1**	*	—	
Non-SAS, Duck	ATT200-1, ATT205-1, or ATT210-1	**98910-1**	*	—	

ATT200

ATT205

ATT210
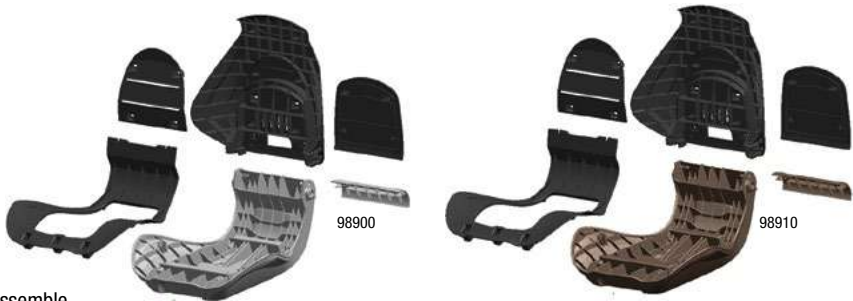
Molded Foam Packs

Centric X molded foam kits come in a variety of shapes to fit your individual styling needs.

Description	Bulk Packaging	Aftermarket Packaging
Non-SAS Standard Foam Pack	**ATT200-1**	—
Non-SAS Flared Headrest Foam Pack	**ATT205-1**	—
Non-SAS Rounded Headrest Foam Pack	**ATT210-1**	—

For questions regarding Attwood's most up-to-date seating selections, or for assistance with your seating application, contact your Sales Representative or Attwood Customer Service (616.897.9241)

CENTRIC
SEATING COMPONENTS

With all of its features, Centric is surprisingly easy to upholster using our molded foam packs. Centric seat components consist of blow-molded fishing or helm seat cores, injection molded upholstery onserts for the backrest and seat back hinge cover, and molded foam packs.

Seat Core Kits

Centric seat core kits include the seat pan with a choice of Mid-Back and High-Back backrest styles. Each seat includes a separate seatback onsert to cover and protect the hinge. Onsert can be applied and then upholstered over with the rest of the seatback or upholstered separate of the seatback as a means of providing an accent piece. Seat cores include corrosion-resistant T-nuts for attachment to seat pedestals.

Upholstery Onserts

The Upholstery Onserts speed up the upholstery of the backrest and provide an easy means of adding a stylish accent piece with deep-tuck seam. Onsert posts snap securely into seat core using foolproof clips for quick, easy assembly.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

98120

98100

Description	For Use with Foam Packs	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
SEAT CORES AND ONSERTS					
Mid-Back Core, Black	ATT001, ATT002, ATT007	**98100-1**	*	—	
High-Back Core, Black	ATT007, ATT008	**98120-1**	*	—	
Mid-Back Onsert	ATT009	**7009-1**	*	—	
High-Back Onsert	ATT008	**7006-1**	*	—	
Mid-Back II Onsert	ATT016	**98124**		—	

7009

7006

98124

Molded Foam Packs

Molded foam packs are contoured to enhance the ergonomic shape of Centric's seat core for maximum comfort and style. Eliminates labor-intensive and costly cut foam and provides a consistent shape that improves the quality of the upholstered seat. Centric foam packs are offered with a choice of integrated "hook and loop" or "onsert" upholstery methods.

Hook and Loop—Joins upholstery seam-to-foam to form a moderate tuck.

Onserts—provide a deep tucked seam depth by using a separate upholstered panel.

ATT001

ATT008

ATT009

ATT016

Description	For Use with Component(s)	Bulk Packaging	Aftermarket Packaging
BACKREST FOAM PACKS			
Mid-Back, Hook & Loop	98100	**ATT001**	—
High-Back, w/Onsert	98120, 7006	**ATT008**	—
Mid-Back, w/Onsert	98100, 7009	**ATT009**	—
Mid-Back II Foam Pack	98121, 98124	**ATT016**	—
SEAT PAN FOAM PACKS			
Sport Weight Hook & Loop	98100, 98200, 98120, 98121	**ATT002**	—
Luxury Weight Hook & Loop	98100, 98200, 98120, 98121	**ATT007**	—
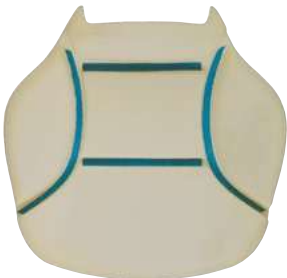
ATT002
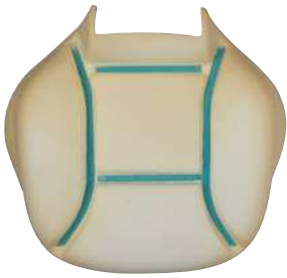
ATT007

For questions regarding Attwood's most up-to-date seating selections, or for assistance with your seating application, contact your Sales Representative or Attwood Customer Service (616.897.9241)

ATTWOOD CLASSIC SEAT

The Attwood Classic Seat delivers the lofty comfort and styling typically associated with OEM seats, but at an attractive retail price. Its ergonomic design and carefully crafted upholstery provide an optimum blend of comfort and support for the active boater and fisherman. Users will appreciate the safety of the integrated pinch-less hinge and the added convenience of the one-hand open and close feature. With its comfort, style, and high-quality materials, it's easy to see why the Classic is the smart choice in seating. Available in Gray, Camouflage, and White.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

98386

98387

98388

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Classic Seat, Two-Tone Gray, Vinyl	—		98386-2	*
Classic Seat, Camouflage, Polyester	—		98387-2	*
Classic Seat, White, Vinyl	—		98388-2	*

VENTURE
FOLDING FISHING SEAT

The Venture folding fishing seat is designed to satisfy the widest possible range of boaters and boat builders. Mounts in any location on bass boats, aluminum fishing boats, fish'n ski, pontoon and deck boats. Its advanced styling distinguishes it from all other seats on the market.

* ⚠ **WARNING**   Cancer and Reproductive Harm –
www.P65Warnings.ca.gov *(see page 240)*

Ventilated
Seat back and pan are ventilated to allow pass-through of air and water for increased comfort.

Portability
Venture quickly folds away to allow more room for activity and fishing excitement. Then it can be easily removed and transported using the built-in carry handle.

Simple, Pinch-Proof Hinge and Lock
Push-button release automatically locks the seat back in upright sitting position or the folded position for transport.

97100-005

19"
5"
23" Turning Clearance
5"

17"
9-3/8"
19"
18-1/2"
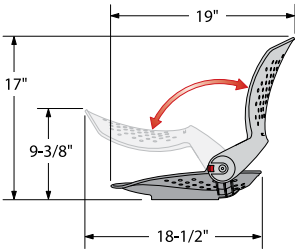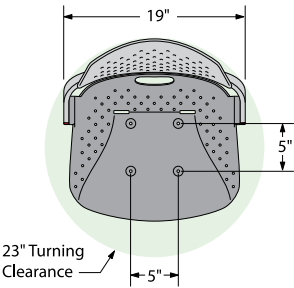
Seat Shell Only

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Shell Only, White	97100-001-1	*	97100-001-2	*
Shell Only, Medium Gray	97100-005-1	*	97100-005-2	*
Shell Only, Olive	97100-006-1	*	97100-006-2	*

PROFORM
SEATING

Molded-In Support
Designed into the contours of the seat back and pan, offering comfort with or without padding.

Molded-In Color
The high-impact polymer is strong and UV stable. Colors have been specially selected to coordinate with boat interiors, trim, carpet and vinyls

Upholstery
Marine grade fabric is UV stable and weather resistant.

Foam Padding
Minimized to reduce cost and water absorption yet provide comfort.

Molded-In Drain Holes
Eliminate standing water; no more "puddle sitting."

"Waterfall" Front Edge
Gently minimizes pressure behind the knees.

Curved Front Corners
Permit easy, comfortable movement when driving, fishing or relaxing.

Pinch-Resistant Hinge
Strong enough to withstand impact.

Seat Back Lock
Secures backrest in down position; no more vinyl straps and snaps.

PROForm Seats With Upholstered Onserts

Available in a variety of colors, seats include backrest and seat pan onserts upholstered with marine grade vinyl or Cordura 1000 denier nylon that use 1" thick foam for comfort. Onserts are installed with corrosion-resistant screws. Seats include corrosion-resistant T-nuts for attachment to seat pedestals.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

7012-101	7012-004	7012-504	7012-104

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
SEATS WITH UPHOLSTERED ONSERTS				
White PROForm Seat with White upholstered onserts	7012-101-1	*	7012-101-4	*
White PROForm Seat with Blue upholstered onserts	—		7012-102-4	*
White PROForm Seat with Red upholstered onserts	—		7012-103-4	*
White PROForm Seat with Gray upholstered onserts	—		7012-105-4	*
Light Gray PROForm Seat with Blue vinyl upholstered onserts	7012-004-1	*	7012-004-4	*
Light Gray PROForm Seat with Red vinyl upholstered onserts	—		7012-104-4	*
Light Gray PROForm Seat with Gray vinyl upholstered onserts	7012-504-1	*	7012-504-4	*
SEATS WITH UPHOLSTERED ONSERTS AND OUTER BACK PANEL – FOR MORE FINISHED LOOK				
White PROForm Seat and Outer Back Panel with White vinyl upholstered onserts	7022-101-1	*	—	
PROform ACCESSORIES				
White outer back panel	7020-001-1		—	
White seat with Bosses/Tnuts	7015-001-1		—	

FISHING
SEATS

Low-Back Padded Boat Seat

This seat features a high impact plastic frame and aluminum hinges. It is UV and mildew resistant with easy to clean vinyl and a standard seat hole mounting pattern. 7"W x 16"D x 16"H.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Low-Back Padded Boat Seat, Gray	—		98395GY	*
Low-Back Padded Boat Seat, White	—		98395WH	*
Low-Back Padded Boat Seat, Camo	—		98395CAMO	*

ABYC **B**

98395WH

Molded Bucket Seat

This one piece molded plastic boat seat is made from high-impact plastic. Seat includes mounting screws. 18"W x 21"D x 16"H.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Molded Boat Seat, Gray	—		98390GY	*

ABYC **B**

98390GY

Padded Boat Seat

This padded boat seat is a comfortable and convenient addition to your boat's seating. It features thick padding, making your activities comfortable for long periods of time. It's compact and lightweight design makes it easy to transport. 20"W x 17"D x 12"H.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Padded Boat Seat, Camo	—		98391GNMX	*
Padded Boat Seat, Gray	—		98391GY	*

98391GV

ABYC **B**

98391GNMX

Casting Seat

This casting seat is constructed with quality materials and workmanship. Made with marine-grade vinyl, it offers long-term support and comfort. A universal casting seat, it works with any casting seat application. Available in white, gray or camo. 15"W x 11"D x 6" H.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Casting Seat, White	—		98505WH	*
Casting Seat, Camo	—		98505CA	*
Casting Seat, Gray	—		98505GY	*

98505WH

ABYC **B**

98505CA

98505GY

278 SERIES
PRODUCTS

5 YEAR WARRANTY *

STRONG. STABLE. SMOOTH.

Unmatched Strength.
Heavy-duty casting easily supports popular oversized helm seats.

Supreme Stability.
A rigid mount and wider seat interface create ultimate pedestal robustness.

Extra Smooth.
Improved slider motion facilitates easy fore and aft movement. Dampening gas spring on the 278 Air System absorbs impact.

SWIVL-EZE

278 Pro System
Fixed Height Pedestal

278 Air System
Adjustable Height Pedestal

Seat moves fore and aft with minimal effort

Long handle folds out of the way when not in use (short handle option also available)

Smooth, low-friction glide

Added ribs for strength and stability

Friction control lock for added stability and control

Advanced design provides secure lock and better engagement

Positive lock for added stability and control
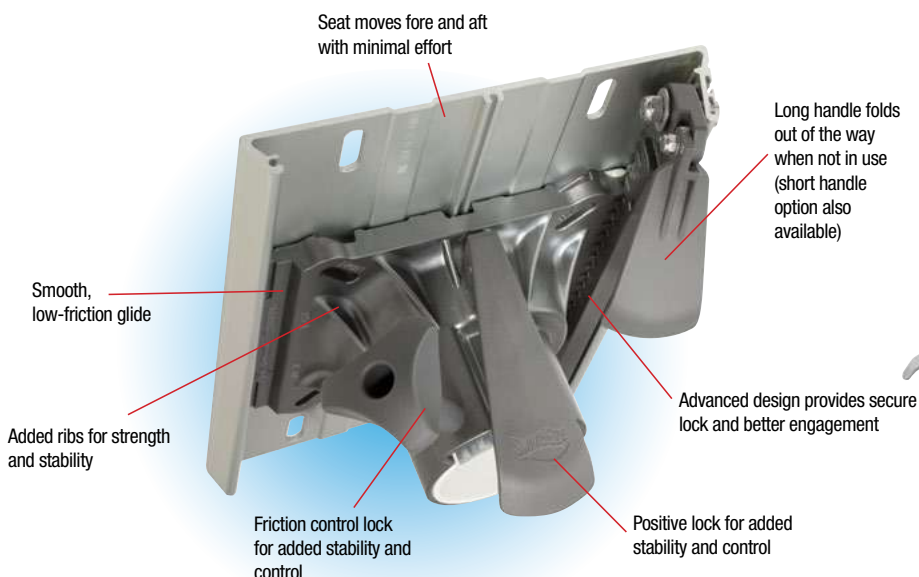
Dimensions of 278 Pro & 278 Air Systems
NOTE: 278 Pro & 278 Air System components are not compatible with other seating systems.

Fore and Aft Movement
Total travel: 4.9"

3.1"   (From center position of slider)   1.8"

Base Dimensions
Forward

8" Diameter

.32" Hole Diameter

60°

Post Slots

9" Diameter

Mount Dimensions

4 Slots (.72" x .29")

6.2"

90°

5"

5"

8.55"

Slider Dimensions

13.4"

11.5"

5"

90°

4 Slots (.75" x .32")

4 Slots (.87" x .38")

5"

9.1"
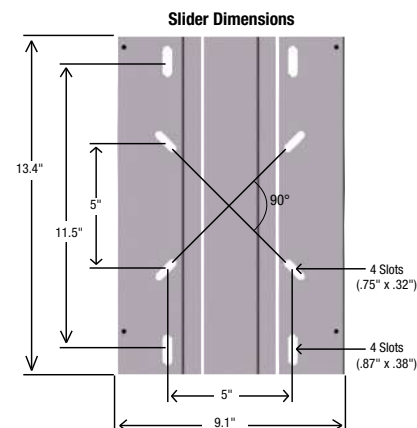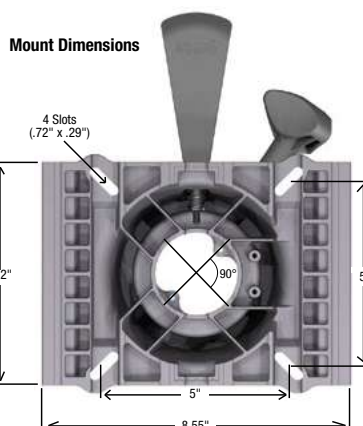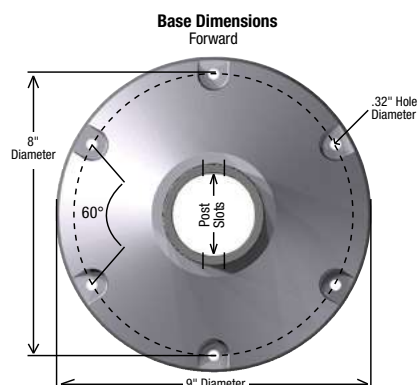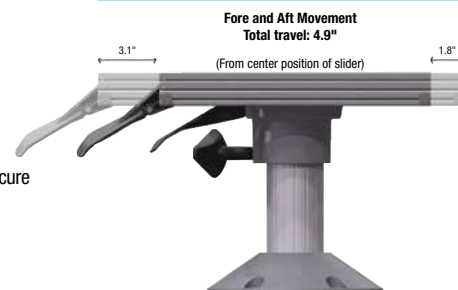
* 5-year warranty applies only to 278 Series products, found on pages 205-206.

278 Air System (Adjustable Height Pedestal)

Description	ABYC Code	Base Height	Slider Handle	Base Finish	Bulk Packaging	Prop 65
BASES (For total system height, add 1" to the base height.)						
278 Air Pedestal Base, 2.75" Below Deck	A0	9-12"	—	Gray	278A0P0912-BD-1	*
278 Air Pedestal Base	A0	12-15"	—	Gray	278A0P1215-1	*
278 Air Pedestal Base	A0	15-19"	—	Gray	278A0P1519-1	*
278 Air Pedestal Base	A0	19-23"	—	Gray	278A0P1923-1	*
SEAT MOUNTS						
278 Pro Mount, 3 degree	A0	—	—	—	278A03AM-1	*
278 Pro Mount, 0 degree	A0	—	—	—	278A0ZAM-1	*
278 MOUNTS WITH SLIDER						
278 AirGlide Slider, 0 degree	A0	—	Short	—	278A0ZAGS-1	*
278 AirGlide Slider, 0 degree	A0	—	Long	—	278A0ZAGL-1	*
278 AirGlide Slider, 3 degree	A0	—	Short	—	278A03AGS-1	*
278 AirGlide Slider, 3 degree	A0	—	Long	—	278A03AGL-1	*

278 Air Pedestal Base, Below Deck

278 Air Pedestal Base

278 Air Mount

278 AirGlide Slider, Short Handle

278 AirGlide Slider, Long Handle

278 Pro System (Fixed Height Pedestal)

Description	ABYC Code	Base Height	Slider Handle	Base Finish	Bulk Packaging	Prop 65
278 Pro Pedestal Base, Low Profile	A0	5"	—	Bright	—	
278 Pro Pedestal Base	A0	6"	—	Gray	278A0GY060-1	*
278 Pro Pedestal Base	A0	7"	—	Gray	278A0GY070-1	*
278 Pro Pedestal Base	A0	8"	—	Gray	278A0GY080-1	*
278 Pro Pedestal Base	A0	9"	—	Gray	278A0GY090-1	*
278 Pro Pedestal Base	A0	10"	—	Gray	278A0GY100-1	*
278 Pro Pedestal Base	A0	11"	—	Gray	278A0GY110-1	*
278 Pro Pedestal Base	A0	12"	—	Gray	278A0GY120-1	*
278 Pro Pedestal Base	A0	13"	—	Gray	278A0GY130-1	*
SEAT MOUNTS						
278 Pro Mount, 3 degree	AN	—	—	—	278ANZPM-1	*
278 Pro Mount, 0 degree	A0	—	—	—	278A0ZPM-1	*
278 Pro Mount, 3 degree	A0	—	—	—	278A03PM-1	*
SEAT MOUNTS WITH SLIDER						
278 ProGlide Slider, 3 degree	A0	—	Long	—	278A03PGL-1	*
278 ProGlide Slider, 0 degree	A0	—	Long	—	278A0ZPGL-1	*

AN = For use in all non-helm positions.
AO = For use in helm positions.

278 Pro Pedestal Base, Low Profile

278 Pro Pedestal Base

278 Pro Mount, AN

278 Pro Mount, AO

278 ProGlide Slider, Long Handle

238 SERIES 2-3/8"
PRODUCTS

238 Series has strength, style and corrosion-resistance:
- Pedestal tubes are hard-anodized aluminum
- All springs are stainless steel
- Bases are bead-blasted (to close aluminum porosity) and clear coated

Smooth movement without wobble
- Slider has gear-tooth lock mechanism; locks solidly, disengages easily
- Slider rides smoothly on acetal linear bearings

Clean style, ergonomic design
- Styling is clean and uncomplicated
- Handles are ergonomically designed to be easy on the hands and easy to reach

Not recommended to interchange with other manufacturers' products

238162

238512

SWIVL-EZE

238312

Reinforced polymer handle is thicker for strength and more comfortable grip.

Seat mount mechanism is redesigned. Constant pressure spring provides continuous forward locking pressure.

Cable-actuated height mechanism never needs adjustment.

Linear grooves provide support, reduce wiggle. Acetal linear bearings keep the whole operation smooth and wobble free.

Bead-blasted base finish pounds the aluminum surface and closes up porosity. Proprietary clear-coating improves resistance to scuffing and corrosion.

Handle opens lockjaw gears… and slider glides on acetal linear bearings. Alignment tracks eliminate jamming and wobbling.

Extension tube is super-hard anodized aluminum alloy. Exceeds Type A Driver requirements for lateral strength.

Release button operates smoothly. Requires less effort to unlock from base.

Locking latch has low-friction, ramped bottom for smooth insertion into base.
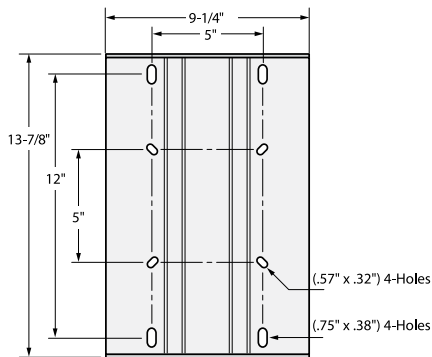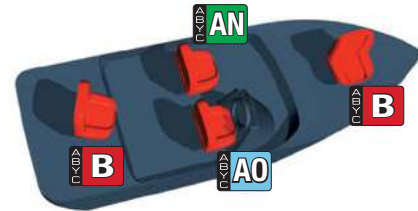
ABYC AO	Blue "AO" =	Type A/Operator OK for Helm/Driver position
ABYC AN	Green "AN" =	Type A/Non-Operator Not to be used at Helm/Driver position
ABYC B	Red "B" =	Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph

9-1/4"
5"
13-7/8"
12"
5"
(.57" x .32") 4-Holes
(.75" x .38") 4-Holes

Swivl-Eze 238 Pedestal Kits

Attwood's 2-3/8" pedestal kit is strong, durable, and corrosion resistant. The kit includes a 360 degree swivel seat mount, removable extension post, and 9" base. Available in satin aluminum or Realtree MAX-4 Camouflage.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Req. Dia. Mounting Hole	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
BASE PLATE: 9", SEAT MOUNT 5" X 5" ON CENTER						
Pedestal Kit with 9" Satin Post	A0	3"	—		23809-7	*
Pedestal Kit with 11" Satin Post	A0	3"	—		23811-7	*
Pedestal Kit with 13" Satin Post	A0	3"	—		23813-7	*
Pedestal Kit with 15" Satin Post	A0	3"	—		23815-7	*

23809

23811

23813

23815

238 Series Seat Mounts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
SEAT MOUNTS WITHOUT SLIDER					
Stainless Steel, 3° Tilt, Left Handle	A0	238141-1		—	
Stainless Steel, 3° Tilt, Right Handle	A0	238142-1		238142-7	
Plated Steel, 0° Tilt, Left Handle	A0	238150-1		—	
Plated Steel, 3° Tilt, Left Handle	A0	238151-1		—	
Plated Steel, 3° Tilt, Right Handle	A0	238152-1		238152-7	
Plated Steel, 3° Tilt, Forward Handle	A0	238153-1		238153-7	
SEAT MOUNTS WITH ALUMINUM SLIDER					
Plated Steel, 3° Tilt, Right Handle	A0	238162-1		238162-4	*
Plated Steel, 0° Tilt, Right Handle	A0	238164-1		—	

238152   AO

238162   AO

3" FORE   3-1/2" AFT

Slider Movement Range
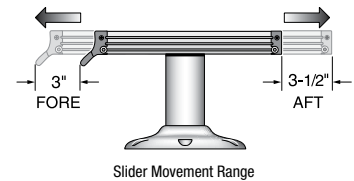
238 Series Pedestals & Extension Posts

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
FIXED HEIGHT BELL PEDESTALS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)					
8" Height	A0	238908-1		—	
11" Height	A0	238911-1	*	—	
12" Height	A0	238912-1	*	—	
13" Height	A0	238913-1		—	
15" Height	A0	238915-1		—	
FIXED HEIGHT EXTENSION POSTS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)					
8" Height	A0	238608-1	*	—	
9" Height	A0	238609-1	*	—	
10" Height	A0	238610-1	*	238610-3	*
11" Height	A0	238611-1	*	—	
12" Height	A0	238612-1	*	238612-3	*
13" Height	A0	238613-1	*	238613-3	*
14" Height	A0	238614-1	*	—	
15" Height	A0	238615-1	*	238615-3	*
17" Height	A0	238617-1	*	—	
25" Height	A0	238625-1	*	—	
30" Height	B	238630-1		—	
	B	238630L1		—	
PRO-POLE EXTENSION POSTS - TYPE "B" (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)**					
27" Height	B	238027-1		238027-3	
ADJUSTABLE HEIGHT POWER PEDESTALS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)					
13" to 16-1/2" Height	A0	238512-1		238512-4	
19-1/2" to 23" Height	A0	238522-1		238522-4	*

238908

238609

238617

238512

238312 238322 238352 238333 238300

238 Series Socket Bases

Bases are interchangeable between LakeSport 238 Series and 238 Series.

Description	ABYC Code	Req. Dia. Mounting Hole	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aluminum 9" Round, Clear Coat Finish	A0	3"	238312-1		238312-2	
Aluminum 9" D-Shaped, Clear Coat Finish	A0	3"	238322-1		—	
Stainless Steel, 7" x 7", Square, Centered Hole	A0	3"	238333-1	*	—	
Aluminum 9" Cut Both Sides, Clear Coat Finish	A0	3"	238352-1		—	
238 SERIES SOCKET BASE SPLASH GUARD						
Socket Splash Guard, Plastic	A0	—	238300-1		—	

9" dia.
8" dia.
(6) .32" Thru
.82 CTSK x .75"
60°

LAKESPORT 238 SERIES
PRODUCTS

The Swivl-Eze Difference
- These sturdy 2-3/8" diameter pedestal systems have all the strength and durability you need for years of family fishing enjoyment.
- Hard anodized aluminum pedestal tubes
- Bead blasted finish pounds the aluminum surface and closes up porosity
- All LakeSport™ 238 Series hardware is engineered to exceed ABYC standards

Type A/Operator Models lead the industry with these features:
- Ergonomic positive-locking handle with stainless steel components
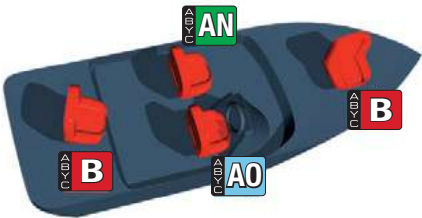
Blue "AO" = Type A/Operator OK for Helm/Driver position

Green "AN" = Type A/Non-Operator Not to be used at Helm/Driver position

Red "B" = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph

LakeSport 2-3/8" Seat Mounts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

818440

818441

828461

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
SEAT MOUNTS WITHOUT SLIDER INSTALLED HEIGHT: 5/8"					
Aluminum, w/ Friction Control, 3° Tilt	AN	**818440**	*	—	
Aluminum, w/ Friction Control, 3° Tilt	AO	**818441**	*	**818441-3**	*
SEAT MOUNTS WITH ALUMINUM SLIDER INSTALLED HEIGHT: 1"					
Aluminum, w/ Friction Control, 3° Tilt	AO	**828461**	*	—	

LakeSport 2-3/8" Extension Posts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*
For LakeSport seat mounts only

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
FIXED HEIGHT EXTENSION POSTS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)					
10" Height, Anodized Finish	AN	**238610L1**	*	—	
11" Height, Anodized Finish	AN	**238611L1**	*	—	
13" Height, Anodized Finish	AN	**238613L1**	*	—	

238610L1

LakeSport 2-3/8" Seat Pedestals

* ⚠️ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

238813LSM

238911L

238909LSM1

2385400

2385405

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
HYDRAULIC POWER PEDESTALS W/ SEAT MOUNT (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)					
12" – 15" Adjustable Height, Anodized Finish	A0	**238813LSM1**	*	—	
25" – 32" Adjustable Height, Anodized Finish	B	**238833LSM1**	*	—	
FIXED HEIGHT BELL PEDESTALS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)					
11" Height	A0	**238911L1**	*	—	
13" Height	A0	**238913L1**		—	
FIXED HEIGHT BELL PEDESTALS W/ SEAT MOUNT (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT)					
9" Height	AN	**238909LSM1**	*	—	
13" Height	AN	**238913LSM1**	*	—	
16" Height	AN	**238916LSM1**	*	—	
ADJUSTABLE HEIGHT BELL PEDESTALS W/ SEAT MOUNT, MANUAL (HEIGHT FROM DECK TO TOP OF SEAT MOUNT)					
14"-20" Adjustable Height, Anodized	AN	—		**2385400**	*
12-1/2"–15-1/2" Adj. Height, J-Slot, Anodized	A0	—		**2385405**	*

238312

238322

238352

238333

238300

LakeSport 2-3/8" Socket Bases

Bases are interchangeable between LakeSport 238 Series and 238 Series.

* ⚠️ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Req. Dia. Mounting Hole	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Aluminum 9" Round, Clear Coat Finish	A0	3"	**238312-1**		**238312-2**	
Aluminum 9" D-Shaped, Clear Coat Finish	A0	3"	**238322-1**		—	
Stainless Steel, 7" x 7", Square, Centered Hole	A0	3"	**238333-1**	*	—	
Aluminum 9" Cut Both Sides, Clear Coat Finish	A0	3"	**238352-1**	*	—	
238 SERIES SOCKET BASE SPLASH GUARD						
Socket Splash Guard, Plastic	A0	—	**238300-1**		—	

9" dia.
8" dia.
(6) .32" Thru
.82 CTSK x .75"
60°

WEDGE 2" & 2-3/8"
PRODUCTS

SWIVL-EZE

Wedge shaped components slide in for a snug, stable fit
- Type B mounts are not designed to "lock" into post
- Engineered to prevent unintentional detachment

Posts
- Heavy-duty bushing with peripheral bearing system and exclusive "crush ribs" are individually sized for exact fit
- Pedestals come in a few lengths, including patented "J-Slot" adjustable height
- Locking tab positively locks post to base
- Wedge™ bushing locks in with a tight, solid fit
- 2-Point stainless steel riveting strengthens the bushing

Bases
- Strong base design has reinforcing ribs and improved profile to withstand the toughest conditions
- Bead blasting closes aluminum porosity. Brushing process provides long-lasting high-sheen finish

Not recommended to interchange with other manufacturers' products
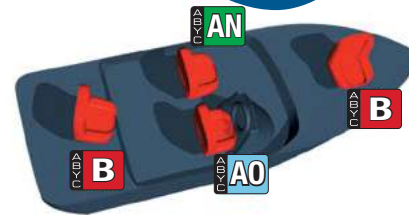
Blue "AO" = Type A/Operator OK for Helm/Driver position

Green "AN" = Type A/Non-Operator Not to be used at Helm/Driver position

Red "B" = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph
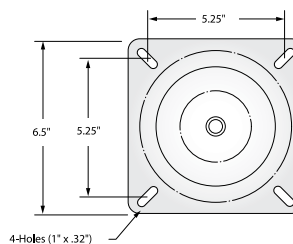
Wedge 2" Seat Mounts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Installed Height	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Cast Aluminum, Black E-Coat Steel, 3º Tilt	B	3"	—		SP-18914	*

SP-18914

Wedge 2" Extension Posts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2" FIXED HEIGHT POSTS					
11" Satin Anodized	B	—		SP-28911	*
13" Satin Anodized	B	—		SP-28913	*

Wedge 2-3/8" Extension Posts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
2-3/8" ADJUSTABLE HEIGHT POSTS - POWER PEDESTALS (W / INTEGRAL SEAT MOUNT)					
14" - 20" Satin Anodized	B	—		SP-37904	*
24" to 30" Satin Anodized	B	—		SP-37914	*

SP-28911   SP-37904

Wedge 2" Base Plates

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Req. Dia. Mounting Hole	Depth Below Deck	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
9" Round, Brushed Aluminum	AO	3.25"	2"	—		SP-68914	*

SP-68914

LOCK'N-PIN 3/4" PIN
PRODUCTS

LOCK'N PIN™
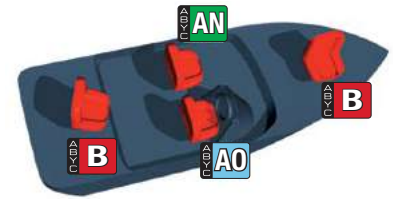
SWIVL-EZE®

Swivl-Eze is the #1 supplier of 3/4" pin seating hardware. Here's why:

- The 3/4" system gives you outstanding economical performance
- The design is proven by decades of experience
- Posts are available as fixed, manually adjustable or power adjustable
- Seat mounts, posts and bases are available in steel, aluminum or stainless steel

The Swivl-Eze Difference

- The patented Lock'N-Pin system leads the industry in safety
- Lock'N-Pin prevents unintentional detachment for seat mounts, posts and bases
- Lock'N-Pin products exceed ABYC Standard H31.6.1

Not recommended to interchange with other manufacturers' products

Blue "AO" = Type A/Operator OK for Helm/Driver position

Green "AN" = Type A/Non-Operator Not to be used at Helm/Driver position

Red "B" = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph

Lock'N-Pin 3/4" Pedestal Packages

Includes Brushed alumium post, black E-coated seat mount with Spring & Base Plate.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Post	Seat Mount	Base Plate	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
11" Post, 7"x7" SS Base Plate, Non-Threaded	B	2114	1002	67739	—		97739	*
11" Post, 7"x7" SS Base Plate, Threaded	B	2114-T	1002	67739-T	—		97739-T	*
13" Post, 7"x7" SS Base Plate, Threaded	B	2134-T	1002	67739-T	—		977339-T	*
Brushed Aluminum Finish Kit, 11" Post, 7"x7" Aluminum Base Plate, Non-Threaded	B	2114	1002	67749	—		97749-7	*
Camouflage Finish Kit, 11" Post, 7"x7" Aluminum Base Plate, Non-Threaded	B	2114	1002	67749	—		97749C-7	*

97749-7   97749C-7

Lock'N-Pin 3/4" Pin Seat Mounts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Installed Height	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Black E-Coated, 3° Tilt, 2-3/4" Steel Pin, w / Spring	B	2"	1002	*	SP-1002	*
Black E-Coated, 3° Tilt, 2-1/2" Steel Pin	B	1"	1002-S	*	—	
All Stainless Steel, 3° Tilt, 2-3/4" Stainless Steel Pin	B	1"	1002-SS	*	—	
Cast Aluminum, 3° Tilt, 3" Stainless Steel Pin	B	1"	1063	*	—	

1002

Swivl-Eze 075 Pedestal Kits

Take the confusion out of buying pedestals with these convenient ¾" pin kits. Kits include seat mount, post and 7" x 7" base. Simply choose the appropriate post height and finish.

Attwood's ¾" pin kit is corrosion resistant, features a 360 degree swivel, a shock absorbing spring, and a removable pin post. Lock N' Pin technology features an all steel pin, increasing pedestal strength and durability. Available in brushed aluminum or Realtree MAX-4 camouflage.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
BASE PLATE: 7" x 7", SEAT MOUNT 5-1/4" X 5-1/4" ON CENTER Add 3" to post height to get total height, measured from deck to seat					
13" Brushed Aluminum Post	B	—		97750-7	*
13" Realtree MAX-4 Camouflage Post	B	—		97750C-7	*
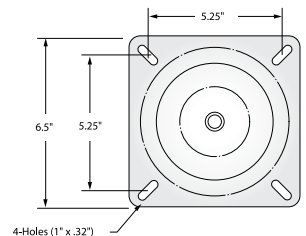
1002-SS

5.25"
6.5"   5.25"
4-Holes (1" x .32")

Lock'N-Pin 3/4" Pin Posts

Description	ABYC Code	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
FIXED HEIGHT POSTS					
6" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin	B	2064	*	—	
11" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin	B	2114	*	SP-2114	*
11" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, Steel Pin	B	2114-T	*	SP-2114-T	*
13" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin	B	2134	*	SP-2134	*
13" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, Steel Pin	B	2134-T	*	SP-2134-T	*
13" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, SS Pin	B	2134-SS	*	—	
13" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, SS Pin	B	2134-T-SS	*	—	
13" Hgt, 1.5" Dia., Polished SS, Offset Post 6", Threaded, SS Pin	B	7153-T-SS	*	SP-7153-T-SS	*
16" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin	B	2164	*	SP-2164	*
16" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, Steel Pin	B	2164-T	*	SP-2164-T	*
24" Hgt, 1.5" Dia., Brushed Aluminum, Pro-Post, Non-Threaded, Steel Pin	B	2244	*	SP-2244	*
ADJUSTABLE HEIGHT POSTS - MANUAL					
25"-31" Hgt, 1.5" Dia., Brushed Alum., Pro-Post, Non-Thread, Steel Pin	B	2244-ADJ		SP-2244-ADJ	*
25"-31" Hgt, 1.5" Dia., Brushed Alum., Pro-Post, Threaded, Steel Pin	B	2244-ADJ-T		SP-2244-ADJ-T	*
ADJUSTABLE HEIGHT POSTS - POWER PEDESTALS W/ INTEGRAL SEAT MOUNTS					
14"-17" Hgt, 1.77" Dia., Brushed Aluminum, Non-Threaded, Steel Pin	B	3004	*	SP-3004	*
14"-17" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, Steel Pin	B	3004-T	*	SP-3004-T	*
24"-30" Hgt, 1.77" Dia., Brushed Alum., Pro-Post, Non-Thread., Steel Pin	B	3204	*	SP-3204	*
24"-30" Hgt, 1.77" Dia., Brushed Alum., Pro-Post, Threaded, Steel Pin	B	3204-T	*	SP-3204-T	*
24"-30" Hgt, 1.77" Dia., Brushed Alum., Pro-Post, Threaded, SS Pin	B	3204-T-SS	*	—	
ADJUSTABLE HEIGHT POSTS - POWER PEDESTALS FOR USE WITH 3/4" PIN SEAT MOUNTS					
15"-18" Hgt, 1.77" Dia., Brushed Aluminum, Non-Threaded, Steel Pin	B	3004-R	*	SP-3004-R	*
15"-18" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, Steel Pin	B	3004-R-T	*	SP-3004-R-T	*
15"-18" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, SS Pin	B	3004-R-T-SS	*	—	
24"-30" Hgt, 1.77" Dia., Brushed Aluminum, Non-Threaded, Steel Pin	B	3204-R	*	SP-3204-R	*
24"-30" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, Steel Pin	B	3204-R-T	*	SP-3204-R-T	*
24"-30" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, SS Pin	B	3204-R-T-SS	*	—	

2114-T   2114

7153-T-SS

3204-T   3004-R   2134-SS   2244-ADJ-T

Lock'N-Pin 3/4" Pin Bases

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

SWIVL-EZE

Description	ABYC Code	Req. Dia. Mounting Hole	Depth Below Deck	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
ZINC PLATED STEEL							
6" x 8", Non-Threaded, Bronze Bushing	B	2.75"	2.5"	**6682**	*	—	
6" x 8", Threaded, Bronze Bushing	B	2.75"	3.5"	**6682-T**	*	—	
7" x 7", Non-Threaded, Acetal Bushing	B	2.75"	2.5"	**67729**	*	—	
7" x 7", Threaded, Acetal Bushing	B	2.75"	3.5"	**67729-T**	*	**SP-67739-T**	*
ALUMINUM							
7" x 7", Non-Threaded, Acetal Bushing, Clear Coat	B	3.5"	2.5"	**67749**		**SP-67749**	
STAINLESS STEEL FINISH WITH STEEL LIP TUBE							
3" x 4", Non-Threaded, Acetal Bushing	B	1.5"	2.5"	**63439**	*	—	
4" x 8", Non-Threaded, Acetal Bushing	B	1.5"	2.5"	**64839**	*	**SP-64839**	*
4" x 8", Non-Threaded, Bronze Bushing	B	1.5"	2.5"	**6483**	*	—	
4" x 8", Threaded, Bronze Bushing	B	1.5"	3.7"	**6483-T**	*	—	
6" x 8", Non-Threaded, Acetal Bushing	B	2.75"	2.5"	**66839**	*	**SP-66839**	*
6" x 8", Threaded, Bronze Bushing	B	2.75"	3.7"	**6683-T**	*	—	
6" x 12", Dual Socket, Threaded, Bronze Bushing	B	2.75"	3.7"	**66123-T**	*	—	
7" x 7", Non-Threaded, Acetal Bushing	B	2.75"	2.5"	**67739**	*	**SP-67739**	*
7" x 7", Non-Threaded, Bronze Bushing	B	2.75"	2.5"	**6773**	*	—	
7" x 7", Threaded, Bronze Bushing	B	2.75"	3.5"	**6773-T**	*	—	
7" x 7", Threaded, Bronze Bushing, Unfinished	B	2.75"	3.7"	**6773-T-U**	*	—	
7" x 7", Offset Hole, Non-Threaded, Acetal Bushing	B	2.75"	2.5"	**67739-SC**	*	—	
ALL STAINLESS STEEL							
4" x 4", Non-Threaded, Acetal Bushing	B	1.5"	2.5"	**64439-SS**	*	—	
4" x 4", Polished, Threaded, Bronze Bushing	B	2.75"	3.7"	**6443-T-P-SS**	*	—	
7" x 7", Non-Threaded, Acetal Bushing	B	2.75"	2.5"	**67739-SS**	*	—	
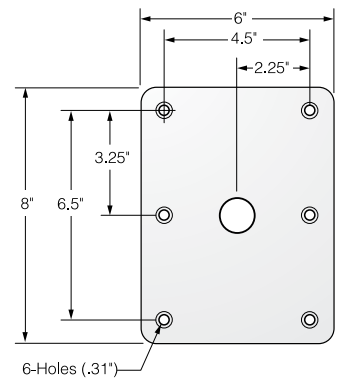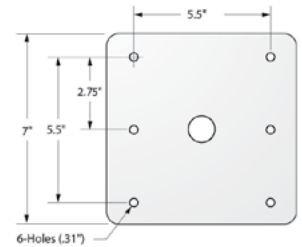
67729   67739-SC   67749   67739-SS

66839   67739   64839   6773

ACCESSORIES
PEDESTALS, SWIVELS & ADAPTERS

Swivl-Eze has the boating experience to deliver all the accessories you want:
- Seating accessories for retrofitting and improving
- Adapters to change a post installation or swivel location
- Table mounts to make boating more convenient and enjoyable

Pedestals

Little on price, big on performance
- Exceptional durability
- Reinforced welded joints
- Black powder coated for a long lasting finish

Description	Bulk Packaging	Aftermarket Packaging
Pedestal, 7"	—	**90720**
Pedestal, 13"	—	**91320**
Adjustable Pedestal, 11-1/2" - 17-1/2"	—	**91320-ADJ**

90720

91320

91320-ADJ

Seat Swivels

17720

Description	Bulk Packaging	Aftermarket Packaging
Zinc Plated, 0º Tilt, 4-Way Locking	**1872**	—
Black Powder Coated, 0º Tilt, 6-1/4" (10 p/Box)	—	**17720**
Black Powder Coated, 3º Tilt, 7" (10 p/Box)	—	**17721**

1872

Seat Mounts

Bench Style Seat Mounts
- Great for mounting seats in jon boats
- Constructed of quality aluminum.

Clamp-On Boat Seat Swivel
- Adjusts from 7-1/2" - 18"
- Black powder coated swivel
- Fits most seat hole patterns

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
BENCH STYLE SEAT MOUNTS				
Bench Style Kit: Seat Plate an 15" Rails	—		SP-15900	*
Bench Style Seat Plate Only	—		SP-15100	
Bench Style 30" Rails Only	—		SP-15200	*
CLAMP-ON BOAT SWIVEL				
Boat Swivel	—		15700-3	

SP-15900

15700

Quick Disconnect Seat Mount

Allows for easy attachment and removal of boat seats for ease in storage and care. Produced from durable engineered plastic and coated structural steel frame for years of use. Easy to install and use, mounts directly to existing seats and standard pedestals. Perfect for Jon boats, fishing boats, pontoons and more.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Quick Disconnect Seat Mount, fits 6-1/4" (15.9 cm) swivel and plates	—		11602D1	*
Quick Disconnect Seat Mount, fits 7" (17.8 cm) swivel and plates	—	*	11603D1	*

11602D1

11603D1

Deck Slide

- Mounts directly to the boat deck
- 1-5/8" total height
- Constructed of strong aluminum
- Convenient front control operation

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Deck Mounted Seat Slide	815000	*	—	

815000

Swivl-Offset

Need more room to maneuver? The 6" Swivl-Eze offset allows additional seat clearance in any position.

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging*	Prop 65
Swivl-Offset	—		7062-3	*

7062

Table Top Mount System

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Brushed aluminum post with tension knob. Threaded for use in base. 25"	17525	*	—	
6" diameter round stainless steel base, threaded. Flush mounts to deck. Low profile.	—		952	*

17525

952

Pedestal Pin Post Adapter

Converts 1.77" bases to accept 3/4" posts

* ⚠ **WARNING**   Cancer and Reproductive Harm – www.P65Warnings.ca.gov *(see page 240)*

Description	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
Adapter	—		SP-14000	*

SP-14000

MOTOR COVERS

CUSTOM-FIT MERCURY®
MOTOR COVERS

Show-Off Your Engine ...While You Keep it Under Cover

Custom-fit motor covers feature the Mercury logo in brilliant white against a black background. These covers protect and fit perfectly to the motors unique pattern, showing off your Mercury pride on the water and road.

  * ⚠ **WARNING** Cancer and Reproductive Harm –
www.P65Warnings.ca.gov *(see page 240)*

Constructed of 2-Ply Laminated Polyester
- The outer shell is tough, abrasion-resistant polyester
- Acrylic coating keeps the cover waterproof and UV-resistant
- The inside lining is a soft, non woven polyester backing that provides a cushioned barrier around the engine cowling
- A 1-inch polyweb strap in the bottom hem cinches the cover tight. Includes quick-release buckle for fast tightening and removal

Note: Construction and shape of cover may vary due to different engine styles.
Mercury motor covers fit model year 2000 and newer engines.

Verado Only

All Others

Engine Description	Engine Size	Bulk Packaging	Prop 65	Aftermarket Packaging	Prop 65
4-Stroke	8-9.9HP	—		105682	*
4-Stroke	15HP, 20HP	—		105683	*
4-Stroke EFI	25HP, 30HP	—		105676	*
4-Stroke EFI	40HP, 50HP, 60HP	—		105651	*
Optimax 1.5L	75HP, 90HP, 115HP, 125HP	—		105635	*
Optimax 2.5L	135HP, 150HP, 175HP	—		105636	*
2-Stroke 2.5L V-6 EFI 2.5L V-6 Carb 4-Stroke 1.7L 2-Stroke	150HP, 200HP 150HP, 200HP 75HP, 90HP, 115HP 75HP, 90HP	—		105637	*
Optimax 3.0L 2-Stroke 3.0L EFI	200HP, 225HP, 250HP 200HP, 225HP, 250HP	—		105638	*
Verado 4-Cylinder	135HP, 150HP, 175HP, 200HP	—		105648	*
Verado	200HP, 225HP, 250HP, 275HP, 300HP	—		105639	*
150 4-Stroke	150HP	—		105762	*
2.1L	75HP-115HP	—		105777	*
Verado Racing 400R	400HP	—		105782	*

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SALES POLICY

Prices

Please refer to the current Attwood price schedule for current prices and policies. Prices apply to standard pack quantities only. Orders will be rounded to the nearest standard pack.

Claims

Attwood products are carefully inspected and packaged to assure that they will reach you in good condition.

Product damage or loss occurring in transit is the responsibility of the carrier. In the event of such loss, you must advise the carrier within 15 days after delivery and secure the carriers notation of damage or shortage in the freight bill. We suggest you file a claim with the carrier immediately thereafter.We will give you all reasonable assistance in tracing shortages and filing claims.

Minimum Order

Individual items must be ordered in assortments which total $500.00 or more per order to one location. Orders less than $500.00 will be subject to a $25.00 handling charge.

Returns

Any Product Return Must Have Prior Return Authorization

Non-Defective Product: Attwood will not accept any non-defective returns, unless due to the fault of Attwood. Non-defective product returns will be subject to a minimum 25% handling charge, or will be returned to the customer at their expense.

Defective Product: Credit will not be issued for defective product without written authorization. Return requests must be mailed to our offices and must include an itemized list of materials to be returned, the reasons for return, and the date and number of the Attwood invoice.

Specifications

Weight and dimensions are subject to variation within reasonable tolerances. All items are subject to design improvement change.

Attwood is a member of the National Marine Manufacturers Association.Where stated, Attwood designs its products to comply with all applicable Federal Regulations and with American Boat and Yacht Council (ABYC) standards. Attwood assures all participants in the National Marine Manufacturers Association (NMMA) boat certification program that, where stated, Attwood products are designed to meet or exceed NMMA recommendations and ABYC standards.

See Next Page For Warranty Information.

To Place An Order Or Inquiry–

Phone: (616) 897-2290 Between 8:00 A.M. And 5:00 P.M. EST
Fax: (616) 897-8358

ATTWOOD LIMITED WARRANTY

Attwood Corporation, 1016 North Monroe, Lowell, Michigan 49331 ("Attwood") warrants to the first retail purchaser of its products that Attwood will replace or repair the product, at its sole discretion, if any defects in material or workmanship are reported within the applicable warranty periods set out below from the date of the first retail purchase, subject to the remedies, exclusions, and limitations in this Limited Warranty. This limited warranty is effective for all Attwood products purchased after May 1, 2009.

1. **Boat Covers and Tops:** *Attwood will apply the below percentages of the original purchase price of the boat cover as a discount off of the cost of a replacement boat cover for each of the prorated warranty periods set out below.

    a. **Silver Coat, Road Ready™,Snug Harbor Silver Series, and Custom Boat Covers:**   **3 years Prorated**

From Purchase Date	Discount*	From Purchase Date	Discount*
1st Full Year	100%	3rd Full Year	33%
2nd Full Year	67%		

    b. **Road Max™ Boat Covers:**   **4 years Prorated**

From Purchase Date	Discount*	From Purchase Date	Discount*
1st Full Year	100%	3rd Full Year	50%
2nd Full Year	75%	4th Full Year	25%

    c. **Snug Harbor Titanium Series, Road Max™ 600 Boat Covers and Acrylic and Vinyl Bimini Tops:**   **5 years Prorated**

From Purchase Date	Discount*	From Purchase Date	Discount*
1st Full Year	100%	4th Full Year	40%
2nd Full Year	80%	5th Full Year	20%
3rd Full Year	60%		

    d. **Boaters Best™ Boat Covers:**   **6 years Prorated**

From Purchase Date	Discount*	From Purchase Date	Discount*
1st Full Year	100%	4th Full Year	49%
2nd Full Year	83%	5th Full Year	32%
3rd Full Year	66%	6th Full Year	15%

    e. **Boaters Best™ Ultimate Boat Covers:**   **8 years Prorated**

From Purchase Date	Discount*	From Purchase Date	Discount*
1st Full Year	100%	5th Full Year	50%
2nd Full Year	88%	6th Full Year	37%
3rd Full Year	75%	7th Full Year	25%
4th Full Year	63%	8th Full Year	12%

2. **Pumps:**

    a. Heavy Duty Bilge Pumps Installed on Recreational/Pleasure Boats (Part Numbers 4030, 4040, 4060, 4070):   **3 years**

    b. Heavy Duty Bilge Pumps Installed on Commercial Boats (commercial use is defined as any work or employment related use of the product even if only occasionally used for such purposes) (Part Number 4030,4040,4060,4070):   **1 year**

    c. Sahara Series Automatic Bilge Pumps (Part Numbers 4505, 4507, 4508, 4511):   **3 years**

    d. Tsunami Series Cartridge Bilge and Aerator Pumps (Part Numbers 4606, 4608, 4609, 4612, 4613, 4620, 4622, 4623, 4624, 4625, 4640, 4650, 4651, 4660, 4661, 4670, 4672):   **3 years**

3. **Automatic Float Switch** (Part Numbers 4201, 4202):   3 years

4. **Digital Bilge Switch** (Part Numbers 4801, 4802):   3 years

5. **Bilge Blowers:**

    a. Water-Resistant Turbo Bilge Blowers (Part Numbers 1733, 1743, 1749 and 1751):   3 years

    b. Standard (Non Water-Resistant) Turbo Bilge Blowers (Part Numbers 1731, 1741 and 1747)
        except when used in applications which allow contact with liquids (Exception No. 2):   1 year

6. **LED Lights:**   5 years

7. **Pro-Series Rod Holders:** (Part Numbers 5010 and 5010W)**:**   5 years

8. **Pro-Series Combo Rod Holder Mounts:** (Part Numbers 5011, 5012 and 5016)**:**   3 years

9. **Attwood Rod Holders:** (Part Numbers 5009 and 5009W)**:**   3 years

10. **Attwood Fuel Products:**   2 years

11. **ZAMAK Hardware, or Perma-Plate Parts:**   2 years

12. **Attwood Cast Stainless Steel Hardware:**   Life of the Boat

13. **All other Attwood and Swivl-Eze Brand Products:**   1 year

Other Limitations: EXCEPT AS SET FORTH HEREIN, THERE ARE NO OTHER WARRANTIES EITHER EXPRESS OR IMPLIED PROVIDED BY ATTWOOD ON THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE EXPRESSLY EXCLUDED. ATTWOOD FURTHER DISCLAIMS ANY LIABILITY FOR ECONOMIC LOSS ARISING FROM CLAIMS OF PRODUCT FAILURE, NEGLIGENCE, DEFECTIVE DESIGN, MANUFACTURING DEFECT, FAILURE TO WARN AND/OR INSTRUCT, LACK OF SEAWORTHINESS, AND ANY OTHER THEORY OF LIABILITY NOT EXPRESSLY COVERED UNDER THE TERMS OF THIS LIMITED WARRANTY. TO THE EXTENT REQUIRED BY LAW ANY IMPLIED WARRANTY IS LIMITED TO THE DURATION OF THE RESPECTIVE EXPRESS LIMITED WARRANTIES STATED HEREIN. TO THE EXTENT ALLOWED BY LAW NEITHER ATTWOOD, NOR THE SELLING DISTRIBUTOR SHALL HAVE ANY RESPONSIBILITY FOR LOSS OF USE OF THE PRODUCT OR THE BOAT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR INCIDENTAL AND CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT BE APPLICABLE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT BE APPLICABLE. THIS WARRANTY GIVES THE OWNER SPECIFIC LEGAL RIGHTS, AND THE OWNER MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. RETAIL CUSTOMERS IN THE EUROPEAN ECONOMIC AREA (EEA) MAY HAVE LEGAL RIGHTS UNDER APPLICABLE NATIONAL LEGISLATION REGARDING THE SALE OF RETAIL GOODS WHICH ARE NOT AFFECTED BY THIS LIMITED WARRANTY. THE RETAIL CUSTOMER'S LEGAL RIGHTS UNDER ANY APPLICABLE NATIONAL LEGISLATION REGARDING THE SALE OF RETAIL GOODS SHALL NOT BE AFFECTED. You can receive information relating to privacy and to this limited warranty in Europe on www.attwoodmarine.com and by contacting Attwood at the address listed on next page.

Sole Remedy: In no event shall any repair or replacement under this Limited Warranty exceed the fair market value of the product as of the date of the owner's claim. THE REMEDY OF REPAIR OR REPLACEMENT OF PARTS OR MATERIALS FOUND TO BE DEFECTIVE IN FACTORY MATERIALS OR WORKMANSHIP COVERED BY THIS LIMITED WARRANTY SHALL CONSTITUTE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST ATTWOOD FOR ANY CLAIMS WHATSOEVER OF ECONOMIC LOSS RESULTING FROM PRODUCT FAILURE.

Acceptance of any product returned or any refund provided by Attwood shall not be deemed an admission that the product is defective. Products that are replaced become Attwood's property. The terms and conditions contained in this limited warranty may not be modified, altered or waived by any action, inaction, or representations, whether oral or in writing, except upon the express, written authority of a management level employee of Attwood.

Exclusions: This Limited Warranty does not apply to the following items:

1. Any Attwood products used in other applications than on pleasure boats, including but not limited to non-marine use or use on boats which are utilized for racing or commercial purposes, with the exception of the Heavy Duty Bilge Pumps installed on commercial boats (see 1b, above) (Part Numbers 4030,4040,4060,4070).

2. Any non water-resistant Turbo Bilge Blowers (Part Numbers 1731, and 1741) used in applications which allow direct contact with water or other liquids.

3. Due to wind velocity encountered when boats are trailered, only Snug Harbor™ Silver Series, Snug Harbor™ Titanium Series, Silver Coat, Road Ready™, Road Max™, Road Max™ 600, Boaters Best™, Boaters Best™ Ultimate, and Custom boat covers, when properly tied down, are warranted as suitable for use in connection with towing on a trailer. No warranty is extended on any other boat covers when used in connection with a trailered boat.

4. Damage to the boat cover or to any other property or any injury resulting from the failure to properly tie down a boat cover before towing is not covered.

5. Ancillary equipment used or associated with Attwood products, including but not limited to, batteries, fuses, electric light bulbs, lamps, or sealed beam units.

6. Any product damaged by accident, acts of nature, improper installation, unreasonable or improper use, lack of proper maintenance, unauthorized repairs or modifications, abuse, normal wear or tear, or other causes not arising from defects in materials or workmanship.

7. Any expenses involved in the removal, reinstallation, or transportation of the product.

8. Any product damaged by the failure of the owner to use, maintain, or store the product as specified in any instructions.

9. Any boat cover torn or ripped because of forcing the fabric over sharp edges or corners, failing to protect the fabric from sharp objects, or allowing water, snow or ice to pool or puddle on the product.

10. Any boat cover fabric discoloration, or failure due to chemical exposure such as bird droppings, tree sap, gas, and oil or mildew due to water, snow or ice, dirt, leaves, pine needles resting on the product or the product stored while damp.

11. Any defect or repair requiring redesign of the Attwood product, except pursuant to the recall provisions of the United States Federal Boat Safety Act of 1971 or the recall laws of any other foreign jurisdiction.

Owner's Obligations: It is the responsibility of the purchaser to return the product to Attwood at the address below, postage pre-paid, and insured with proof of original purchase including date.

Attwood Corporation
1016 North Monroe
Lowell, Michigan 49331
Phone: 616-897-2290

Internet Address:
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CALIFORNIA PROPOSITION 65_OVERVIEW

What is Proposition 65?	Proposition 65 requires businesses to provide warnings to Californians about significant exposures to chemicals that cause cancer, birth defects or other reproductive harm. This enables Californians to make informed decisions about their exposures to these chemicals. Proposition 65 requires California to publish a list of chemicals known to cause cancer, birth defects or other reproductive harm. This list, which must be updated at least once a year, has grown to include approximately 900 chemicals since it was first published in 1987.
What does the warning look like?	⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov
What does a warning mean?	The product number associated with the warning could expose individuals to one or more of the chemicals on the list.
How do I learn more about Proposition 65?	Visit this website to learn more about Proposition 65. https://www.p65warnings.ca.gov/
Where do I find answers related to businesses?	https://www.p65warnings.ca.gov/sites/default/files/art_6_business_qa.pdf

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