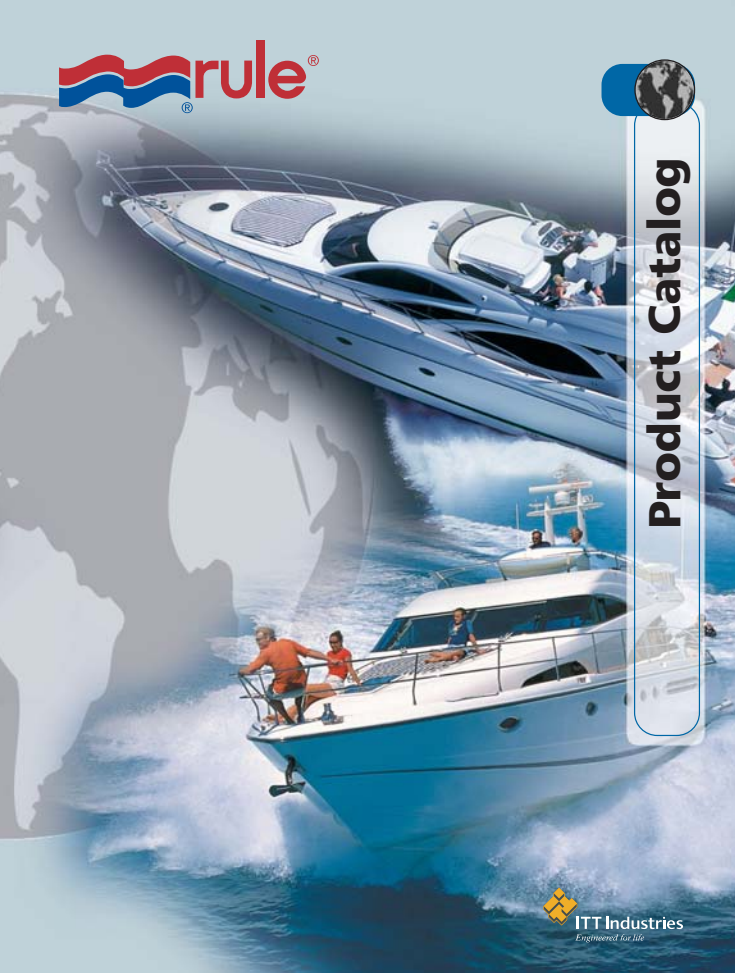




Product Catalog



ITT Industries
Engineered for life



As we enter the new millennium, the need to create innovative, reliable products becomes an even greater challenge and priority. In the highly competitive, ever expanding global marketplace, products that prove their durability, safety and value will stand the test of time, and guarantee continued growth as well as customer loyalty and satisfaction.

In 1998 Rule was acquired by ITT Industries and joined the Jabsco Worldwide family of companies, which today includes ITT Jabsco and ITT Flojet. This new synergistic alliance joins the strengths, expertise and resources of three companies, thereby guaranteeing the accelerated development and introduction of innovative marine products of the highest quality.

We invite you to review our latest catalog. You will find in its pages a wide range of premium products that will enhance your boating experience.


This year's Rule product offering promises to be the best ever. With the addition of some very exciting new products, Rule continues to develop the finest marine and recreational pumps, blowers, electronics, switches and winches.

*Image courtesy of
Sunseeker International Ltd and Fairline Boats plc*




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06

800 GPH Automatic Bilge Pump

- Expanding on Rule's computerized technology, Rule introduces the 800 GPH fully automatic Bilge pump. The 800 GPH pump now completes our line of fully automatic pumps, ranging from 500 GPH up to 8,000GPH.



See page

07

Gold Series Bilge Pumps

Due to the success of the "5 Year" 2000 GPH Bilge Pump, Rule has expanded the line to include a 1500 GPH and a 3700 GPH.

- Features 5 year warranty
- Double insulated long stack motor for superior quality and performance
- 5/16" stainless steel shaft



See page

09

Pool Cover Pump with Leaf Protector

- The finest pool cover pump ever designed. Features a powerful 1800 GPH automatic submersible pump with a specifically designed strainer base that filters out leaves and debris. Installs easily with garden hose.



See page

12

Gentle Flow Oxygenator

- Rule unveils two exciting new oxygenation kits for Livewell/bait tanks.
- Ideal system for keeping bait and catch alive and healthy.
- Produces millions of microfine bubbles with patented Infuser technology.



See page

12

Tournament Series Livewell Baitwell Pumps

- Rule introduces two new Livewell pumps.
- The highest capacity Livewell pump in today's market. These pumps have been developed to withstand the rigors of tournament fishing



Rule Submersible Bilge Pumps have set the standard for the industry for decades. They are the first choice of yachtsmen and commercial fishermen throughout the world. More innovations in Bilge Pump design have come from Rule Industries than any other manufacturer and we are proud to offer the broadest range of bilge pumps in the world.

- Exclusive moisture tight seals
- Compact, efficient, long life motors
- Easy clean snap-lock strainer bases
- Completely submersible
- Silent and vibrationless operation
- Ignition protection
- Anti-Airlock protection
- No burn-out when run dry
- Stainless steel shafts
- Rust and corrosion protection
- CE and ISO 8849 certification

Rule-Mate® Automated Bilge Pumps

The Rule-Mate series of Automated Bilge Pumps features a pump and a **non-mercury** float switch in a single, compact housing. When the float rises, the pump turns on. There is no on/off cycling and therefore, no power use until the pump comes on. The pump remains on until the float drops and the pump senses no load against the impeller.



Rule-Mate® Bilge Pumps

Award Winning!



These "All-In-One" pumps feature Spongeability™, which is unique to Rule and one of the main reasons for our Innovation Award. When the water level is reduced to about 3/4", every other pump on the market shuts down. The new Rule-Mate® remains on for an additional 15 seconds, removing 50% more water, drastically minimizing odors and excess water. A great benefit to boaters everywhere!



Automatic Bilge Pumps

Computerized operation on the principle of impeller resistance. Float switches are not required. The pump will turn on every 2-1/2 minutes for about one second to sense for water. If water is present, the pump will sense resistance and continue to run until all water is removed. Thereafter, it will check for water every 2-1/2 minutes. Power use in the checking mode is minimal.



Fully Automatic Bilge Pumps

Non-Automatic Bilge Pumps

Traditional operation activated by a float switch or panel switch. Rule's Cartridge Series Bilge Pumps have the added feature of replacement motors. This allows you to carry a spare motor, providing an extra level of security and protection. Removal of the motor also allows cleaning of the strainer and impeller area in the event that the pump becomes clogged. Replacement motors are sold separately.



Non-Automatic Bilge Pumps



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Pumps - Bilge



Model 24

Model 24/35

360 G.P.H. (1363 L.P.H.)

The Rule 360 provides outstanding quality and value. It is economically priced and designed for small boats. 3/4" (19mm) discharge outlet. 12 volts DC unless noted.

NON-AUTOMATIC

Model 24 360 GPH (1363 LPH)

Model 24-6 360 GPH (1363 LPH) with 6' (1.8m) wire leads

Model 24/35 360 GPH (1363 LPH) Pump with Rule-A-Matic® Float Switch



Model RM500

500 G.P.H (1893 L.P.H.)

The Rule 500 offers many design features while keeping size and cost to a minimum. Especially popular on smaller craft, Rule 500 pumps are unmatched in pumping power and longevity. 3/4" (19mm) discharge outlet. 12 volts DC unless noted.

RULE-MATE®

Model RM500 500 GPH (1893 LPH) Rule-Mate®

Model RM500-24 500 GPH (1893 LPH) Rule-Mate® (24 volt)

AUTOMATIC

Model 255 500 GPH (1893 LPH) Automatic

Model 255-24 500 GPH (1893 LPH) Automatic (24 volt)

Model 255-6 500 GPH (1893 LPH) Automatic with 6' (1.8m) leads



Model 255

Model 25D

NON-AUTOMATIC

Model 25D 500 GPH (1893 LPH)

Model 25DC 500 GPH Cartridge (1893 LPH)

Model 25D-6 500 GPH (1893 LPH) with 6' (1.8m) leads

Model 25-40 500 GPH (1893 LPH) with Rule-A-Matic® Plus™ Float Switch

Model 26D 500 GPH (1893 LPH) (24 volt)



Model RM750

Model 20RC

700/750 G.P.H. (2650/2839 L.P.H.)

Rule's 700 and 750 G.P.H. Pumps offer increased capacity in keeping with it's 3/4" (19mm) discharge outlet. 12 volts DC unless noted.

RULE-MATE®

Model RM750 750 GPH (2839 LPH) Rule-Mate®

Model RM750-24 750 GPH (2839 LPH) Rule-Mate® (24 volt)

NON-AUTOMATIC

Model 20RC 700 GPH Cartridge (2650 LPH)



Pumps - Bilge

800 G.P.H. (3028 L.P.H.)

Rule offers two 800 GPH (3028 LPH) styles - square and round versions. The square model (20F) offers 36 mounting variations as well as a gas resistant strainer base. 3/4" (19mm) discharge outlet. 12 volts DC unless noted.

NON-AUTOMATIC

Model 20F	800 GPH (3028 LPH) Square
Model 20R	800 GPH (3028 LPH) Round
Model 21R	800 GPH (3028 LPH) Round (24 volt)

AUTOMATIC **NEW!**

Model 20RS	800 GPH (3028 LPH) Round
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Model 20F

Model 20R

1000 G.P.H. (3785 L.P.H.)

The Rule 1000 is in a class by itself and is a popular choice among boatbuilders and boat owners alike. 36 mounting variations and a gas resistant strainer base make this one of Rule's most popular pumps. 1-1/8" (28.6mm) discharge outlet. 12 volts DC unless noted.

NON-AUTOMATIC

Model 20A	1000 GPH (3785 LPH)
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Model 20A

1100 G.P.H. (4164 L.P.H.)

The Rule 1100 offers impressive pumping power for its size and cost. Competitive models in this pumping range are much larger and far more expensive. 12 volts DC unless noted.

RULE-MATE®

Model RM1100	1100 GPH (4164 LPH) Rule-Mate®
Model RM1100-24	1100 GPH (4164 LPH) Rule-Mate® (24 volt)



Model 27D

Model RM1100

AUTOMATIC

Model 27S	1100 GPH (4164 LPH) Automatic
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NON-AUTOMATIC

Model 27D	1100 GPH (4164 LPH)
Model 27DC	1100 GPH (4164 LPH) Cartridge
Model 27D-6	1100 GPH (4164 LPH) with 6' (1.8m) wire leads
Model 28D	1100 GPH (4164 LPH) (24 volt)



Model 27S

Replacement Motor Cartridges

Replacement motor cartridges for Rule Cartridge Bilge and Livewell/Aerator pumps.

Model 25DR	Replacement Motor Cartridge	500 GPH (1893 LPH)
Model 20RR	Replacement Motor Cartridge	700 GPH (2650 LPH)
Model 27DR	Replacement Motor Cartridge	1100 GPH (4164 LPH)





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Pumps - Bilge



Model RM1500

Model 02

1500 G.P.H. (5678 L.P.H.)

High pumping capacity and reliability at a lower cost. The Rule 1500 offers more pumping capacity and more exclusive design features than any comparable competitive pump. 1-1/8" (28.6mm) discharge outlet. 12 volts DC unless noted.

RULE-MATE®

Model RM1500 1500 GPH (5678 LPH)

NON-AUTOMATIC

Model 02 1500 GPH (5678 LPH)

Model 02-6 1500 GPH (5678 LPH) with 6' (1.8m) wire leads

Model 03 1500 GPH (5678 LPH) (24 volt)

GOLD SERIES **NEW!**

Model 04 1500 GPH (5678) 5 Year Warranty

AUTOMATIC

Model 515 1500 GPH (5678 LPH)



Model 09

Model 10

2000 G.P.H. (7571 L.P.H.)

Engineered to commercial standards. The Rule 2000 is the best selling high capacity submersible bilge pump in the world. 1-1/2" (38mm) discharge outlet. 12 volts DC unless noted.

RULE-MATE®

Model RM2000 2000 GPH (7571 LPH)

Model RM2000-24 2000 GPH (7571 LPH) (24 volt) **NEW!**

NON-AUTOMATIC

Model 10 2000 GPH (7571 LPH)

Model 10-6UL 2000 GPH (7571 LPH) -UL listed with 6' (1.8m) wire leads

Model 11 2000 GPH (7571 LPH) (32 volt)

Model 12 2000 GPH (7571 LPH) (24 volt)

GOLD SERIES

Model 09 2000 GPH (7571 LPH) 5 Year Warranty

AUTOMATIC

Model 535 2000 GPH (7571 LPH) Automatic



Model RM2000

Model 535

3700 G.P.H. (14010 L.P.H.)

Heavy duty construction for both commercial and pleasure boat use; known for trouble free operation and reliability. 1-1/2" (38mm) discharge outlet. 12 volts DC unless noted.

NON-AUTOMATIC

Model 14A 3700 GPH (14010 LPH)

Model 14A-6UL 3700 GPH (14010 LPH) -UL listed with 6' (1.8m) wire leads

Model 15A 3700 GPH (14010 LPH) (32 volt)

Model 16A 3700 GPH (14010 LPH) (24 volt)

GOLD SERIES **NEW!**

Model 13A 3700 GPH (14010 LPH) 5 Year Warranty

AUTOMATIC

Model 555 3700 GPH (14010 LPH) Automatic



Model 14A

Model 555



Pumps - Bilge

4000 G.P.H. (15140 L.P.H.)

Designed for the toughest applications, the 4000 GPH (15140 LPH) pump optimizes Rule's exclusive design features to produce the highest capacity available for a pump its size. 2" (51mm) discharge outlet. 12 volts DC unless noted.

NON-AUTOMATIC

- Model 56D** 4000 GPH (15140 LPH)
Model 56D-24 4000 GPH (15140 LPH) (24 volt)
Model 56D-32 4000 GPH (15140 LPH) (32 volt)

AUTOMATIC

- Model 56S** 4000 GPH (15140 LPH) Automatic



Model 56D

Model 56S

8000 G.P.H. (30280 L.P.H.)

Our largest capacity submersible pump. Thoughtfully designed, it incorporates two 4000 GPH (15140 LPH) pumps which discharge through a common 3" (76mm) discharge outlet. Since the two pumps function independently, if one pump fails, the other will continue to operate providing back-up pumping capability. Replacement motor modules available. 12 volts DC unless noted.

NON-AUTOMATIC

- Model 174D** 8000 GPH (30280 LPH)
Model 175D 8000 GPH (30280 LPH) Replacement Motor Module

AUTOMATIC

- Model 174S** 8000 GPH (30280 LPH) Automatic
Model 175S 8000 GPH (30280 LPH) Automatic Replacement Motor Module



Model 174D

General Purpose Centrifugal Pumps

The Rule General Purpose Pump is designed for use as a washdown pump and/or to circulate water to your livewell tank(s). Heavy duty construction for use on commercial or pleasure boats. 1-1/2" (38mm) inlet and 1-1/2" (38mm) discharge outlet. The Rule General Purpose Pump must be mounted below the waterline. It does not deliver high pressure, nor is it self priming. It delivers lots of water but at low pressure. 12 volts DC unless noted.

NON-AUTOMATIC

- Model 17A** 3800 GPH (14380 LPH)
Model 18A 3700 GPH (14010 LPH) (24 volt)
Model 19A 3700 GPH (14010 LPH) (32 volt)



Model 17A



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Pumps - 110 Volt Submersibles



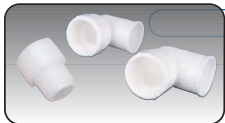
Model A555



Model A535



Model H53SP-24



Model 68

Model 57

Model 58



Model 10BB

110 Volt Pumps

Designed to remove water from basements, garages, stairwells, utility rooms, backyards, sumps, pools, pool covers, boats, and other utility applications. Available in Non-Automatic & Automatic versions utilizing standard 110 volt AC current.

Automatic Model	Capacity (GPH/LPH)	Cord	Adapters included
Model A505	1200 (4542)	8' (2.4m)	Garden Hose & Rigid Pipe, #57
Model A505-24	1200 (4542)	24' (7.3m)	Garden Hose & Rigid Pipe, #57
Model A535	1800 (6814)	8' (2.4m)	Garden Hose & Rigid Pipe, #57
Model A535-24	1800 (6814)	24' (7.3m)	Garden Hose & Rigid Pipe, #57
Model A555	2800 (10600)	8' (2.4m)	Rigid Pipe, #58
Model A555-24	2800 (10600)	24' (7.3m)	Rigid Pipe, #58
Non-Automatic Model	Capacity (GPH/LPH)	Cord	Adapters included
Model A53D	1800 (6814)	8' (2.4m)	Garden Hose & Rigid Pipe, #57
Model A55D	2800 (10600)	8' (2.4m)	Rigid Pipe, #58

Pool Cover Pump with Leaf Protector

The finest pool cover pump ever designed. Features a powerful 110 volt 1800 GPH automatic submersible pump with a specifically designed strainer base that filters out leaves and debris. Installs easily with garden hose.

Model H53SP-24 1800 GPH (6814 LPH) 24' Cord
Model 290 Pool Cover Strainer Base

NEW!

*Patent Pending

Adapters

90° elbow adapters are designed for rigid pipe installations of Sump and Utility Pumps. Adapters snap onto discharge port. Opposite end is female pipe threaded. High impact plastic will not rust, corrode or discolor. Garden hose adapter snaps onto discharge port converting pump into standard garden hose fitting.

Model 57 Adapts 1800 GPH (6814 LPH) pump to 1" (25mm) NPT
Model 58 Adapts 2800 GPH (10600 LPH) pump to 1-1/4" (32mm) NPT
Model 68 Garden Hose Adapter

Night Owl™ Battery Backup Sump Pump Systems

12 volt home sump pump backup system in case of power outage. Runs on standard 105 amp deep cycle marine battery (not included). System includes Rule Heavy Duty Night Owl™ 12 volt pump, Rule-A-Matic Plus™ Float Switch, 10 amp battery charger with monitors and alarm, check valve, pipe fittings and battery box. No home with a sump pump system should be without a Night Owl.

Model 10BB 2000 GPH (7571 LPH) Night Owl System
Model 14-BB 3700 GPH (14010 LPH) Night Owl System



Rule's unsurpassed quality and leadership in bilge pump design and technology includes a complete line of Livewell/Aerator pumps, accessories, and kits. These pumps feature Rule's incredibly long life motors for outstanding reliability, performance, and durability. They are silent running and vibrationless and are a must on any serious fisherman's boat. The innovative Pro-Series™ line of cartridge pumps features removable motor cartridges for fast and convenient replacement - even underway. All pumps feature advanced anti-airlock protection.

Tips on Selecting a Livewell Pump

- Always select a pump that will deliver enough water to **replace livewell water every 10 minutes**.
- Mount the pump as **low and close to the hull as possible**.
- Choose the correct pickup tube for your application

"C" series with 4" (102mm) angled pick up tube for thru hull applications

"STC" series with 4-3/4" (121mm) straight pick up tube for thru hull applications

"FC" series with 1" (25mm) straight pick up tube for seacock applications

Pumping Power Gallons per hour/Liters per hour @ 13.6v

Capacity	HEAD 0'	HEIGHT 3.35' (1.02m)	HEIGHT 6.7' (2.04m)
360	360 (1363)	265 (1003)	190 (719)
500	500 (1893)	360 (1363)	260 (784)
700	700 (2650)	540 (2044)	370 (1401)
1100	1100 (4164)	860 (3255)	600 (2271)



"C" Series Pro-Series™ Removable Motor Cartridge

For Thru-Hull Applications
Angled 4" (102mm) Pickup Tube

Model	Capacity (GPH/LPH)	Discharge (inches/mm)	Amps @12v, 13.6v	Fuse Size (amps)
200C	360 (1363)	3/4" (19mm)	1.9 / 2.5	2.5
201C	500 (1893)	3/4" (19mm)	2.1 / 2.5	2.5
203C	700 (2650)	3/4" (19mm)	2.8 / 4.0	5.0



Model 201C

"STC" Series Pro-Series™ Removable Motor Cartridge

For Thru-Hull Applications
Straight 4-3/4" (121mm) Pickup Tube

Model	Capacity (GPH/LPH)	Discharge (inches/mm)	Amps @12v, 13.6v	Fuse Size (amps)
200STC	360 (1363)	3/4" (19mm)	1.9 / 2.5	2.5
201STC	500 (1893)	3/4" (19mm)	2.1 / 2.5	2.5
203STC	700 (2650)	3/4" (19mm)	2.8 / 4.0	5.0



Model 201STC

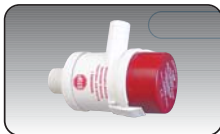


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Pumps - Livewell/Aerator



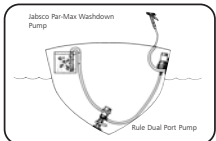
Model 201FC



Model 207F



Model 201FCDP



Jabsco Par-Max Washdown Pump

Rule Dual Port Pump



Model 25DR

Seacock Mounted Pumps

For Seacock Applications
Straight 1" (25mm) Pickup Tube with Tapered Threads

Model	Style	Capacity (GPH/LPH)	Discharge (inches/mm)	Amps @12v, 13.6v	Fuse Size (amps)
200FC	Cartridge	360 (1363)	3/4" (19mm)	1.9 / 2.5	2.5
201FC	Cartridge	500 (1893)	3/4" (19mm)	2.1 / 2.5	2.5
201FAA*	Non-Cartridge	500 (1893)	3/4" (19mm)	2.1 / 2.5	2.5
Anti Airlock Computerized					
203FC	Cartridge	700 (2650)	3/4" (19mm)	2.8 / 4.0	5.0
205FC	Cartridge	1100 (4163)	1-1/8" (29mm)	3.3 / 5.0	6.0
205FAA*	Non-Cartridge	1100 (4163)	1-1/8" (29mm)	3.3 / 5.0	6.0
Anti Airlock Computerized					
207F	Non-Cartridge	1200 (4542)	1-1/8" (29mm)	8.4 / 12.0	15.0
Heavy Duty Long Life					

*NOTE: Models 201FAA and 205FAA are a computerized anti-airlock models. If an airlock is detected the pump automatically shuts off and turns on until the airlock is cleared.

Dual Port Cartridge Livewell Pumps

Allows you to add your Jabsco or Flojet Washdown Pump without another thru-hull fitting.

- For seacock applications
- Features an additional port for a washdown pump
- Feeds two pumps with one thru-hull fitting

Seacock Port Size: 3/4" (19mm) Female NPT

Optional Washdown Port Size: 1/2" (12.5mm) Female

NOTE: Hex Plug included in case you do not use the optional washdown port

Both pumps can be run at the same time with no flow loss!

Model	Capacity (GPH/LPH)	Discharge (inches/mm)	Amps @12v, 13.6v	Fuse Size (amps)
200FCDP	360 (1363)	3/4" (19mm)	1.9 / 2.5	2.5
201FCDP	500 (1893)	3/4" (19mm)	2.1 / 2.5	2.5
203FCDP	700 (2650)	3/4" (19mm)	2.8 / 4.0	5.0
205FCDP	1100 (4164)	1-1/8" (28.6mm)	3.3 / 5.0	6.0

Replacement Motor Cartridges

Replacement Motor Modules
For all Pro-Series™ Aerator Pumps

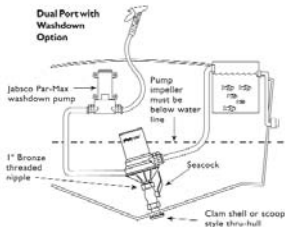
Model	Capacity (GPH/LPH)	Discharge (inches/mm)	Amps @12v, 13.6v	Fuse Size (amps)
25DR	500 (1893)	n/a	2.1 / 2.5	2.5
20RR	700 (2650)	n/a	2.8 / 4.0	5.0
27DR	1100 (4163)	n/a	3.3 / 5.0	6.0



Tournament Series Dual Port 1600 G.P.H. (6056 L.P.H.) Livewell Pump

Engineered to withstand the rigors of tournament fishing; the Tournament Series pump is the highest capacity Livewell pump in today's market. This model features a glass filled nylon dual port base for optional washdown pump connection. Anti-Airlock feature, and a heavy duty long life motor. 1" (25mm) NPT female intake and a 1-1/8" (28.6mm) discharge outlet. 12 volts DC.

Model 209FDP 1600 GPH (6056 L.P.H) Dual-port



Model 209FDP

NEW!

Tournament Series Bronze Base 1600 G.P.H. (6056 L.P.H.) Livewell Pump

Designed for the toughest applications; the Tournament Series pump is the highest capacity livewell pump in today's market. Pump features a bronze base, Anti-Airlock feature, and a heavy duty long life motor. 1" (25mm) NPT female intake and 1-1/8" (28.6mm) discharge outlet. 12 volts DC.

Model 209B 1600 GPH (6056 L.P.H) Bronze Base



Model 209B

NEW!

Gentle-Flow™ Oxygenator

Designed with the patented infusor technology and a Gentle-Flow directional discharge, the Rule Gentle-Flow™ Oxygenator is the ideal system for keeping bait and catch alive and healthy. The patented infusor technology introduces air into the base of the livewell pump through the air control center producing millions of micro-fine bubbles. Because the bubbles are so small, they remain suspended in the water longer, providing more aeration to your delicate bait and catch. Designed to fit almost any custom tank. Kits come complete with a pump, directional discharge, intake strainer, hose and intake valve.

Model 255 700 GPH (2649 L.P.H) -ideal for 25 lbs. of bait
Model 256 1100 GPH (4164 L.P.H) -ideal for 50 lbs. of bait



Model 255

NEW!



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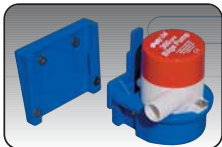
Pumps - Livewell/Aerator



Model 252



Model 202K



Model 201K

Rule Oxygenator Systems

High performance live-bait aerators that keep bait and catch alive and healthy in a smaller amount of water. Air is infused with the water at the pump impeller, then millions of micro-fine bubbles are produced and sent gently out of the pump into the livewell. Because the bubbles are so fine, they remain suspended in the water longer; thus more aeration is provided for your delicate bait and catch.

Model 250

500 GPH (1893 LPH) Oxygenator System - Ideal for 10 lbs of bait

Model 251

800 GPH (3028 LPH) Oxygenator System - Ideal for 25 lbs of bait

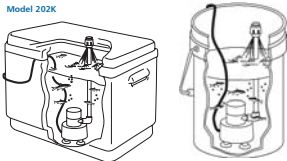
Model 252

1100 GPH (4164 LPH) Oxygenator System - Ideal for 50 lbs of bait

Portable Aerator Kit

Aerates from 5 to 30 gallons (192 to 1142 liters) of water. The Rule 460 GPH (1741 LPH) pump attaches easily to any non-porous surface. 9" (229mm) long spray tube can be custom cut to fit into any container. A fully adjustable spray head increases or reduces flow of water. Foam filtration system keeps water sparkling clean. The kit also includes battery clips for easy attachment to your 12 volt power source.

Model 202K



Transom Mount Livewell Pumps

Introducing Rule's lineup of Transom Mounted Aerator Pumps. This allows the fisherman to have professional aeration of his livewell without the need to install a pump through the hull. The unique "quick-release" pump with strainer base assembly snaps easily into the transom bracket provided. At the end of the day, the pump can be removed for storage. Pumps feature 6' wire leads.

Model 24TB

360 GPH (1363 LPH)

Model 25DTB

500 GPH (1893 LPH)

Model 20RTB

800 GPH (3028 LPH)

Model 27DTB

1100 GPH (4164 LPH)

Model 26S

Bracket only

Livewell Aerator Kit

Rule's Livewell Aerator Kit is designed for any built-in livewell or baitwell tank. This kit comes with a Rule 500 GPH (1893 LPH) pump with 6' (1.8m) wire leads, 4' (1.2m) of 3/4" (19mm) bilge hose, Model 78 Oxygenator Spray Head, and Model 49 On/Off Switch.

Model 201K



Venturi Oxygenator Kit

Injects air flow into livewells. Unique system that takes outside air and mixes with incoming livewell water. Includes face plate, tubing, and Venturi fitting.

Model 221

Venturi Oxygenator Kit



Model 221

Gentle-Flow™ Directional Discharge

Rule's Gentle-Flow™ Directional Discharge creates a gentle flow of water into your livewell/baitwell tank that can be positioned in any direction. The gentle circular water flow reduces turbulence keeping delicate bait fish alive and healthy.

Model 257

3/4"-(19mm)

Model 258

1-1/8"-(28.6mm)

Model 259

1-1/2"-(38mm)

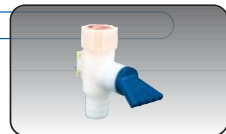
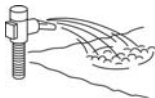


Model 257

Oxygenator Spray Head

Rule's Oxygenator Spray head sprays streams of water back into the livewell tank enriching the water with oxygen. Adjustable spray head allows you to increase or decrease flow of water. For use with 3/4" (19mm) hose.

Model 78

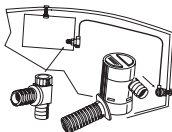


Model 78

Variable Flow Control Valve

The Variable Flow Control Valve allows increases and decreases of flow from the pump with no damage at all to the pump. Range includes fully open flow to totally off.

Model 75



Model 75



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Pumps - Livewell/Aerator



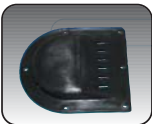
Model 211

Baitwell Plumbing Kit

A complete plumbing kit for fixed or portable livewell tanks. Each kit contains a 90° Overflow drain tube, 1-1/8" (29mm) drain fitting, 3/4" (19mm) angled aerator spray head with shut off valve, directional aerator head for current, and a 3/4" (19mm) tee fitting to connect both heads to the pump.

Model 211

Baitwell Plumbing Kit



Model 214

Water Scoop

Scoops water to livewell tanks while underway; helps to prevent pump airlocking. Features pressure relief holes to prevent overpowering of pump.

Model 214

Water Scoop



Model 217

Model 218

Aerator Spray Heads

For use with Rule 3/4" (19mm) discharge aerator pumps. Oxygenates water by agitating surface and infusing oxygen into the water. Variety of spray heads in angled or straight format; with or without shut off valves.

Model 217

Straight Spray Head

Model 218

Straight Spray Head with Shut off Valve



Model 219

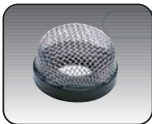
Model 220

Model 219

Angled Spray Head

Model 220

Angled Spray Head with Shut Off Valve

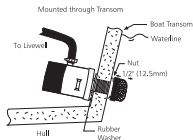


Model 73

Livewell Pump Debris Strainer

The Livewell Pump Debris Strainer attaches directly to any pickup tubes on Rule Livewell Pumps. Filters out trash and debris which could clog pump. Stainless steel wire mesh, 3/4" (19mm) female NPS threads.

Model 73





Lever Pumps

Made of rugged, non-corrosive materials, these self-priming diaphragm pumps are ideal for bilge pumping, clearing holding tanks and general fluid transfer. They may be mounted on a horizontal or vertical surface. Handles may be oriented in a variety of positions.

Permanently Attached Handle

The most economical of the Rule Lever Pumps has a rugged, permanently attached handle.

Model	Capacity GPH (LPH)	Hose size ID inches (mm)	Size Length x Width x Height inches (mm)
142	16 (61)	1-1/2" (38mm)	14"x6-3/8"x7-3/8" (356x162x187mm)



Model 142

Removable Two Position Handle

The removable handle (vertical or horizontal) features a rubber ball grip for comfortable positive pumping action.

Model	Capacity GPH (LPH)	Hose size ID inches (mm)	Size Length x Width x Height inches (mm)
145	16 (61)	1-1/2" (38mm)	15"x6-3/8"x5" (381x162x127mm) (with handle)

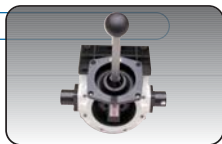


Model 145

Thru-Deck

Designed for thru-deck or thru-bulkhead mounting. The thru-deck fitting is equipped with a seal which discourages water pooling at the well. A removable handle with rubber ball grip insures positive pumping action and allows the options of being kept securely in the pump or stowed out-of-the-way.

Model	Capacity GPH (LPH)	Hose size ID inches (mm)	Size Length x Width x Height inches (mm)
148	16 (61)	1-1/2" (38mm)	6-7/8"x6-3/4"x9-1/2" (175x171x241mm) (without handle)



Model 148

Repair Kits

These kits allow periodic repair and replacement of the diaphragm or the valves in the above lever pumps.

Model 280

Diaphragm Replacement

Model 281

Inlet and Outlet Valve Replacement

Model 282

Total Repair Kit - Includes Diaphragm and Valves



Model 280

Model 281



Model 165

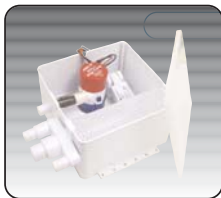
Portable Pumps

Constructed of sturdy ABS plastic with comfort-grip handle providing smooth firm strokes. Available in 24" (610mm) or 36" (914mm) with hose.

Model 165 8 GPM (30 LPM) – with 24" (610mm) hose

Model 168 10 GPM (38 LPM) – with 48" (1219mm) hose

Model	Capacity GPH (LPH)	Hose size ID inches (mm)	Size
165	8 (30)	1-1/8" (29mm)	24" (610mm)
			With 2' (0.6m) of 1-1/8" (29mm) hose
168	10 (38)	1-1/8" (29mm)	36" (914mm)
			With 4' (1.2m) of 1-1/8" (29mm) hose



Model 98

Shower Drain Systems

A compact, full capacity shower drain system. Automatically turns on after the water starts, and shuts off when the water is removed. Activated by a Rule-A-Matic® float switch. Available in single inlet and three inlet ports which offer varying combinations of inlet hose. Other features include a clear screw down cover, a removable strainer for easy cleaning, and an internal check valve to prevent back flow.

Model	Description	Discharge (inches/mm)	Inlet Ports (inches/mm)	Size (Length x Width x Height) (inches/mm)
97	Single Port Inlet Pump 500 GPH (1893 LPH)	3/4" (19mm)	1-1/2" (38mm)	8-1/4" x 9-1/2" x 5 1/2" 209.5 x 241 x 140mm
97-24	Single Port Inlet Pump 500 GPH (1893 LPH) 24-volt	3/4" (19mm)	1-1/2" (38mm)	8-1/4" x 9-1/2" x 5-1/2" 209.5 x 241 x 140mm
98	Multi-Port Inlet 800 GPH (3028 LPH) Pump	3/4" (19mm)	3/4", 3/4", 1", 1-1/8", 1-1/2" (19, 19, 25, 28.6, 38mm)	8-1/4" x 11-1/4" x 5-1/2" 209.5 x 286 x 140mm
98-24	Multi-Port Inlet 800 GPH (3028 LPH) Pump, 24-volt	3/4" (19mm)	3/4", 3/4", 1", 1-1/8", 1-1/2" (19, 19, 25, 28.6, 38mm)	8-1/4" x 11-1/4" x 5-1/2" 209.5 x 286 x 140mm



PWC Automatic 500 G.P.H. (1893 L.P.H.) Pump

Automatically removes water from engine compartment without the use of a float switch. Cycles every 20 seconds to check for water. Compact design allows it to fit in tight spaces. Easy installation. Equipped with gasoline resistant strainer base and 72" wire leads.

Model 25S-6WC

Model 25S-6WC

PWC Non-Automatic 500 G.P.H. (1893 L.P.H.) Pump

Removes water from engine compartment. Compact design allows it to fit in tight spaces. Easy installation. Equipped with gasoline resistant strainer base and 72" wire leads.

Model 25D-6WC

Model 25D-6WC

PWC Pump Installation Kit

Contains everything necessary for a Rule Personal Watercraft Pump installation. Includes: 2' (0.6 m) of discharge hose, holesaw, thru-hull fitting, hose clamps, fuse holder, and a tube of Sudbury® Elastomeric Sealant.

Model PWC-1

Model PWC-1

PWC Pump On/Off Switch

Water resistant on/off toggle switch for on demand use of Rule Personal Watercraft Pumps.

Model 49PWC

Model 49PWC



Model 35

Model 36

Rule-A-Matic® Float Switch

Environmentally responsible. Completely sealed metal capsules enhance flawless operation. Year after year, the Rule-A-Matic® is the switch of choice of most discerning yachtsmen, commercial fishermen, and boat builders the world over, which has made the Rule-A-Matic® the best selling float switch in the world. For use with pumps drawing up to 14 amps.

Model 35	Rule-A-Matic®
Model 35F	Rule-A-Matic® with fuse holder
Model 35WG	Rule-A-Matic® with Guard
Model 36	Switch Guard



Model 40

Rule-A-Matic® Plus™ Float Switch

The Rule-A-Matic® Plus™ represents the latest in innovation and design. Compact, sleek and rugged, the Rule-A-Matic® Plus™ Float Switch has a strong, fully integrated, impact resistant cover, which protects against debris and jamming. New highly abrasion resistant wires exit the top, keeping them out of the water and keeping wear and tear to a minimum. Dual level anti-clog water slots provide a unique level of performance and protection. Manual testing feature allows an operations check. Available in fused and unfused versions. For use with pumps drawing up to 20 amps. Patent Pending.

Model 40	Rule-A-Matic® Plus™ Float Switch
Model 40F	Rule-A-Matic® Plus™ Float Switch with fuse holder



Model 37

Model 38

SuperSwitch™ Float Switch

Environmentally responsible. Completely sealed metal capsules enhance flawless operation. Designed for the toughest applications, and backed by a two-year warranty, the Rule SuperSwitch™ will be ready to work when you need it most. For use with pumps drawing up to 20 amps.

Model 37	SuperSwitch™
Model 37F	SuperSwitch™ with fuse holder
Model 37WG	SuperSwitch™ with Guard
Model 38	SuperSwitch™ Guard



ECO-Switch

The Rule ECO-Switch is an ecologically sound automatic bilge pump control switch. Featuring a non-mercury design, the pump operates with simple air pressure. As water rises in the bilge, air rises in the air tube that is attached to switch. This air pressure activates the switch which controls your pump. There are no moving internal parts, all wiring is out of the water, and there are no submerged electrical connections at all. Offering complete reliability and outstanding performance, the Rule ECO-Switch offers a viable alternative to traditional float switches. For pumps drawing up to 20 amps.

Model 39 12 volts

Model 39-24 24 volts



ECO-Switch

Switch Specifications

Model Name	Volts (DC)	Max Amps (12-24-32v)	Size (Height x Length x Width) (inches/mm)
Rule-A-Matic®	12-24-32	14	2" x 4-1/2" x 1-1/2" (51 x 114 x 38mm)
SuperSwitch™	12-24-32	20	2" x 5" x 2" (51 x 127 x 51mm)
Rule-A-Matic® Plus™	12-24-32	20	2-3/4" x 4-7/8" x 2-1/2" (70 x 124 x 64mm)
Switch Guard™	-	-	3-3/8" x 6-1/8" x 2-5/16" (86 x 162 x 59mm)
SuperSwitch™ Guard	-	-	3" x 5-3/4" x 2-1/4" (76 x 146 x 57mm)
ECO-Switch 39	12	20	1-7/8" x 6" x 2-3/4" (48 x 152 x 70mm)
ECO-Switch 39-24	24	10	1-7/8" x 6" x 2-3/4" (48 x 152 x 70mm)

Hi-Water Bilge Alarms

The Hi-Water Bilge Alarm consists of a float switch and an in-dash gauge that features both a visual and an audible 85 db alarm. This unit allows an unmanned compartment to be constantly monitored. For additional compartments add additional Rule Float Switches. Complies with CFR 182.530 which requires a visual and audible alarm in each unmanned space on commercial vessels at least 26' (7.9m) in length.

Model 33AL 12 VDC

Model 32AL 24 VDC

Model 31AL 32 VDC



Model 33AL



Model 41

3-Way Panel Lighted Switch

Controls any pump equipped with an automatic float switch. Toggle has three positions (automatic, off, or manual) and has a "fail safe" spring return to "off" from the "manual" position. Panel is black stainless steel and has red indicator light and fuse holder.

Model 41

12 VDC

Model 42

24/32 VDC



Model 45

3-Way Panel Switch

Similar to the Lighted Panel Switch but without indicator light or fuse holder. The "manual" position has a "fail-safe" spring return to "off" so you can't leave your pump running by accident. Black stainless steel panel.

Model 45

12/24/32 VDC



Model 43

3-Way Lighted Rocker Panel Switch

Controls any pump equipped with an automatic float switch. This unit features a black plastic panel. It has a built-in fuse holder and an internally lighted rocker switch with 3 positions (automatic, off, or manual) with the Rule "fail-safe" spring return to "off" from the "manual" position.

Model 43

12 VDC

Model 44

24/32 VDC



Model 49

2-Way Panel Switch

Attractive black stainless steel panel highlights your control panel. Simple "on" and "off" toggle provides fingertip control.

Model 49

12/24/32 VDC

Panel Switch Specifications

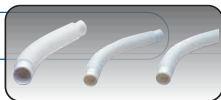
Model	Description	Volts (DC)	Max Amps (DC)	Size (Width x Height) (mm/inches)
41	3 Way Panel Switch - Lighted	12	20	3-1/4" x 2" (83 x 51mm)
42	3 Way Panel Switch - Lighted	24-32	20	3-1/4" x 2" (83 x 51mm)
45	3 Way Panel Switch	12-24-32	20	2-1/4" x 2" (57 x 51mm)
43	3 Way Rocker Panel Switch - Lighted	12	20	2-7/8" x 2-3/8" (73 x 60mm)
44	3 Way Rocker Panel Switch - Lighted	24	20	2-7/8" x 2-3/8" (73 x 60mm)
49	2 Way Panel Switch	12-24-32	20	2-1/4" x 2" (57 x 51mm)



Corrugated White Polyethylene Bilge Hose

All Rule hoses are designed for use with Rule pumps. Sizes up to and including 1-1/2" (38mm) diameter have smooth mounting cuffs every 12" (305mm). Flexible for easy installation and resistant to detergents, oil, gasoline, diesel fuel and salt water.

Model 81	3/4" (19mm) I.D. Hose in 100' (31m) lengths
Model 80	1-1/8" (29mm) I.D. Hose in 100' (31m) lengths
Model 88	1-1/2" (38mm) I.D. Hose in 100' (31m) lengths
Model 90	2" (51mm) I.D. Hose in 50' (15m) lengths
Model 92	3" (76mm) I.D. Hose in 50' (15m) lengths



88 80 81

Deluxe PVC Ribbed Bilge Hose

Clear ribbed bilge hose. Smooth inside finish improves pump performance. Rigid helix provides excellent abrasion resistance.

Model 82	3/4" (19mm) I.D. Hose in 100' (31m) lengths
Model 83	1-1/8" (29mm) I.D. Hose in 100' (31m) lengths
Model 84	1-1/2" (38mm) I.D. Hose in 100' (31m) lengths



82 83 84

3-Way Fittings for Bilge Hose

Rule now offers convenient "Y" and "T" fittings for popular bilge hose sizes

Model 212	Y Fitting, 3/4" (19mm) hose
Model 213	Y Fitting, 1-1/8" (29mm) hose
Model 215	T Fitting, 3/4" (19mm) hose
Model 216	T Fitting, 1-1/8" (29mm) hose



212 213 215 216

Vented Loops

For use in bilge pump installations to prevent siphoning of water back into boat from thru hull. Duckbill one-way valve system incorporated in the top of the loop allows air to enter the line when not in use, yet effectively seals as water passes through.

Model 260	3/4" (19mm) Vented Loop
Model 261	1-1/8" (29mm) Vented Loop



260 261

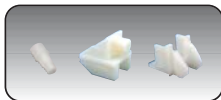
Adapters

Designed to be used with Rule Pumps and thru-hulls. Heavy-duty molded, non-corrosive, high impact plastic.

Model 63	Bulkhead adapter-adapts 1-1/2" (38mm) hose to standard garden hose fitting
Model 67	Hose adapter-adapts 1-1/2" (38mm) outlet to 1-1/8" (29mm) hose
Model 68	Garden hose adapter-adapts 1-1/8" (29mm) outlet to standard garden hose fitting
Model 69	Double stepped straight adapter for adapting 1-1/8" (29mm) outlet to 3/4" (19mm) or 5/8" (16mm) I.D. hose.
Model 64	Adapter to attach Rule SuperSwitch to Rule 3700 (14010) and 4000 GPH (15140 LPH) Pumps
Model 65	Adapter to attach Rule SuperSwitch or Rule-A-Matic Switch to Rule 1500 (5678), 2000 GPH (7571 LPH) and 5-Year Pumps



63 67 68

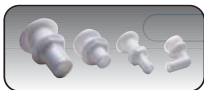


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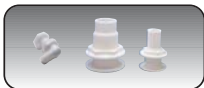


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59 60 61S 61

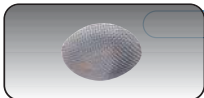


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Thru Hull Fittings

High impact plastic will not rust, corrode or discolor.
Specially designed for Rule pumps.

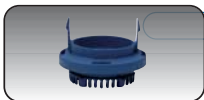
Model 59	1-1/2" (38mm) straight
Model 60	1-1/8" (29mm) straight
Model 61	3/4" (19mm) right angle
Model 61S	3/4" (19mm) straight
Model 62	5/8" (16mm) right angle
Model 72	2" (51mm) straight
Model 74	3" (76mm) straight



Model 70

Stainless Steel Debris Strainer

Extra measure of protection for use on round based Rule pumps up to 3700 GPH (14010 LPH). Installs directly into existing strainer. Filters out excess debris and helps prevent jamming and failure.



Model 71

Universal Pump Adapter

Allows all Rule 360 (1360), 500 (1893), 800 (3028) Round and 1100 GPH (4164 LPH) pumps to be mounted to competitive bases: Attwood® V-500, Mayfair Proline 500 (1893), 750 (2839), 1000 (3785) and West Marine 500 (1893), 750 (2839) and 1000 GPH (3785 LPH) models.



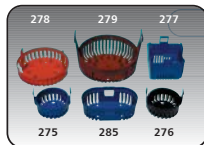
Model 99

Model 66

Side Mount Brackets

Permits small Rule bilge pumps to be side mounted to a vertical stringer, a bulkhead or a transom. Use this bracket when bottom mounting is inconvenient or impossible. Simply remove the strainer from the pump, put the bracket in place, and reassemble.

Model 66	Round pumps from 360 (1360) to 1100 GPH (4164 LPH)
Model 99	Rule-Mate bilge pumps from 500 (1893) to 1100 GPH (4164 LPH)



278 279 277

275 285 276

Replacement Strainer Bases

Original replacement strainer base for your Rule Bilge Pump

Model 275	Round Rule Pumps, 360 to 1100 GPH
Model 276	Gas Resistant Strainer Base for above models
Model 277	Square Rule Bilge Pumps
Model 278	Round Rule Pumps, 1500 to 2000 GPH
Model 279	Round Rule Pumps, 2800 to 3700 GPH
Model 285	Rule Mate Bilge Pumps, 500 to 1100 GPH
Model 286	Rule Mate Bilge Pumps, 1500 to 2000 GPH

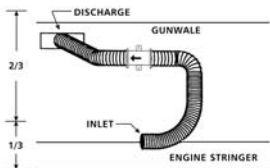


Rule® In-line Blowers

Rule® in-line blowers provide ventilation for bilges, engine compartments, galleys and heads. Designed for efficient, high output operation, these blowers feature our exclusive front and rear shaft seals and corrosion resistant motor housings for long life. Compact and easily installed on any flat surface, Rule® in-line blowers provide higher air flow, lower amp draw and quieter operation than standard blowers.

- Efficient high volume air flow
- Quiet operation
- Low amp draw
- Slip on inlet and outlet ducting connections
- Sealed motor shaft for moisture protection
- Corrosion resistant nickel plated motor housing
- ABYC – H2; ISO 9097
- IMCI (CE)
- N.M.M.A. type accepted
- USCG 183.410 Compliant; Ignition protected

Model	Ducting (inches/mm)	Voltage	CFM@ Open Flow	Amp Draw	Fuse Size (amps)
140	3" (76mm)	13.6	135	2.9	4
140-24V	3" (76mm)	27.2	135	1.7	2.5
240	4" (102mm)	13.6	235	4.3	7
240-24V	4" (102mm)	27.2	235	2.4	4



Installation drawing

This guide is based on International Standard ISO 11105 for small craft – ventilation of gasoline engine and/or gas tank compartments which specifies minimum airflow for given engine compartment size.

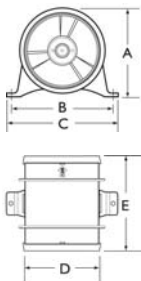
Engine Compartment Volume	Ducting	Type	Voltage	Blower Model
0-75ft³ (0-2m³)	3"	In-Line	12v	140
75-90ft³ (2-2.5m³)	3"	In-Line	24v	140-24
90-220ft³ (2.5-5m³)	4"	In-Line	12v	240
	4"	In-Line	24v	240-24



Model 140



Model 240



140 & 140-24v

- A 3-3/16" (81mm)
- B 4-1/12" (114mm)
- C 5" (127mm)
- D 3" (76mm)
- E 5-1/4" (133mm)

240 & 240-24v

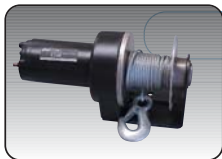
- A 4-3/16" (106mm)
- B 5-1/12" (140mm)
- C 6" (152mm)
- D 4" (102mm)
- E 5-1/4" (133mm)

**Model Key:**

- T = Trailer Winch
 25' (7.6m) positive lead
 V = Vehicle Winch
 5' (1.5m) positive lead
 R = Remote Control
 S = Non-free wheeling
 E = Extended drum for longer cable
 SS = Stainless Steel Drum

Electric Winches

Rule's Electric Winch product line comprises a broad range of high quality and reliable winches. Unique features include 3-stage planetary gears for greater pulling speed, power-in, power-out for consistent load control; corrosion resistant die cast drums and lifetime lubrication. Each winch is shipped with the cable assembly including hook, controls, and all electrical hardware necessary for battery hook-up and mounting hardware. Each Series denotes the rated stall in pounds for the series.



Model V14S

**1400 Series -
1400 lbs. (635 kg) capacity**

Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
14S	12			None	12 (5.4)
T14	12		•	5/32" x 25' (4mm x 7.6m)	20 (9.1)
T14R	12	•	•	5/32" x 25' (4mm x 7.6m)	25 (11.3)
T14S	12			5/32" x 25' (4mm x 7.6m)	19 (8.6)
T14S-SS	12			5/32" x 25' (4mm x 7.6m)	19 (8.6)
T14SR	12	•		5/32" x 25' (4mm x 7.6m)	24 (10.8)
V14	12		•	5/32" x 50' (4mm x 15.2m)	20 (9.1)
V14S	12			5/32" x 25' (4mm x 7.6m)	18 (8.2)
V14R	12	•	•	5/32" x 50' (4mm x 15.2m)	25 (11.3)
V14SR	12	•		5/32" x 25' (4mm x 7.6m)	24 (10.8)



Model T16

**1600 Series -
1600 lbs. (726 kg) capacity**

Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
16S	24			None	12 (5.4)
T16	24		•	5/32" x 25' (4.0mm x 7.6m)	20 (9.1)
T16R	24	•	•	5/32" x 25' (4.0mm x 7.6m)	25 (11.3)
T16S	24			5/32" x 25' (4.0mm x 7.6m)	20 (9.1)
T16S-SS	24			5/32" x 25' (4.0mm x 7.6m)	20 (9.1)
T16SR	24	•		5/32" x 25' (4.0mm x 7.6m)	25 (11.3)
V16	24		•	5/32" x 50' (4.0mm x 15.2m)	20 (9.1)
V16S	24			5/32" x 25' (4.0mm x 7.6m)	23 (10.4)
V16R	24	•	•	5/32" x 25' (4.0mm x 7.6m)	18 (8.2)
V16SR	24	•		5/32" x 25' (4.0mm x 7.6m)	25 (11.3)



2000 Series - 2000 lbs. (907 kg) capacity

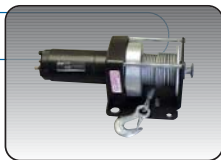
Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
T20S	12			None	14 (6.4)
T20	12		●	3/16" x 25' (4.8mm x 7.6m)	12 (5.4)
T20-24V	24		●	7/32" x 50' (5.6mm x 15.2m)	21 (9.5)
T20R	12	●	●	3/16" x 25' (4.8mm x 7.6m)	27 (12.2)
T20S	12			3/16" x 25' (4.8mm x 7.6m)	24 (10.9)
T20S-SS	12			3/16" x 25' (4.8mm x 7.6m)	18 (8.2)
T20SR	12	●		3/16" x 25' (4.8mm x 7.6m)	23 (10.4)
T20R-24V	24	●	●	3/16" x 25' (4.8mm x 7.6m)	26 (11.8)
T20S-24V	24			7/32" x 50' (5.6mm x 15.2m)	20 (9.1)
T20SR-24V	24	●		3/16" x 25' (4.8mm x 7.6m)	24 (10.9)
V20	12		●	3/16" x 50' (4.8mm x 15.2m)	22 (10.0)
V20S	12			3/16" x 25' (4.8mm x 7.6m)	18 (8.2)
V20R	12	●	●	3/16" x 50' (4.8mm x 15.2m)	25 (11.3)
V20SR	12	●		3/16" x 25' (4.8mm x 7.6m)	23 (10.4)
V20-24V	24		●	7/32" x 50' (5.6mm x 15.2m)	23 (10.4)
V20S-24V	24			3/16" x 25' (4.8mm x 7.6m)	20 (9.1)
V20R-24V	24	●	●	7/32" x 50' (5.6mm x 15.2m)	28 (12.7)
V20RE-24V	24	●	●	7/32" x 100' (5.6mm x 30.5m)	36 (16.3)



Model T20S

2500 Series - 2500 lbs. (1134 kg) capacity

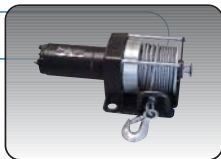
Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
T25	12		●	3/16" x 25' (4.8mm x 7.6m)	31 (14.1)
T25R	12	●	●	3/16" x 25' (4.8mm x 7.6m)	36 (16.3)
T25SR	12	●		3/16" x 25' (4.8mm x 7.6m)	35 (15.9)
T25S	12			3/16" x 25' (4.8mm x 7.6m)	28 (12.7)



Model T25

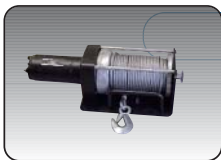
3300 Series - 3300 lbs. (1497 kg) capacity

Model	Volts (DC)	Remote Control	Free Wheel	Cable (inches/mm)	Weight (lbs/kg)
33S	12			None	20 (9.1)
T33	12		●	7/32" x 50' (5.6mm x 15.2m)	31 (14.1)
T33R	12	●	●	3/16" x 25' (4.8mm x 7.6m)	36 (16.3)
T33S	12			3/16" x 25' (4.8mm x 7.6m)	28 (12.7)
T33SR	12	●		7/32" x 50' (5.6mm x 15.2m)	33 (15.0)
V33	12		●	7/32" x 50' (5.6mm x 15.2m)	29 (13.2)
V33S	12			3/16" x 25' (4.8mm x 7.6m)	27 (12.2)
V33R	12	●	●	7/32" x 50' (5.6mm x 15.2m)	34 (15.4)
V33RE	12	●	●	7/32" x 100' (5.6mm x 30.5m)	39 (17.7)
V33SR	12	●		3/16" x 25' (4.8mm x 7.6m)	32 (14.5)
V33E	12		●	7/32" x 100' (5.6mm x 30.5m)	34 (15.4)



Model V33R

Winches - Electric



Model T42

4200 Series - 4200 lbs. (1905 kg) capacity

Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
T42	12		•	7/32" x 50' (5.6mm x 15.2m)	32 (14.5)
T42R	12	•	•	7/32" x 50' (5.6mm x 15.2m)	35 (16.0)
T42SR	12	•		7/32" x 50' (5.6mm x 15.2m)	35 (16.0)
T42S	12			7/32" x 50' (5.6mm x 15.2m)	31 (14.1)
V42	12		•	7/32" x 50' (5.6mm x 15.2m)	30 (13.6)
V42R	12	•	•	7/32" x 50' (5.6mm x 15.2m)	35 (16.0)
V42RE	12	•	•	7/32" x 100' (5.6mm x 30.5m)	45 (20.4)
V42E	12		•	7/32" x 100' (5.6mm x 30.5m)	35 (16.0)
V42SR	12	•		7/32" x 50' (5.6mm x 15.2m)	34 (15.4)
V42S	12			7/32" x 50' (5.6mm x 15.2m)	29 (13.2)



Model V50

5000 Series - 5000 lbs. (2268 kg) capacity

Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
T50	24		•	1/4" x 45' (6.4mm x 13.7m)	32 (14.5)
T50R	24	•	•	1/4" x 45' (6.4mm x 13.7m)	37 (16.8)
V50	24		•	1/4" x 45' (6.4mm x 13.7m)	30 (13.6)
V50E	24		•	1/4" x 90' (6.4mm x 27.4m)	40 (18.1)
V50R	24	•	•	1/4" x 45' (6.4mm x 13.7m)	35 (16.0)
V50RE	24	•	•	1/4" x 90' (6.4mm x 27.4m)	45 (20.4)
V50SR	24	•		1/4" x 45' (6.4mm x 13.7m)	34 (15.4)



Model V60RE

6000 Series - 6000 lbs. (2722 kg) capacity

Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
T60R	12	•	•	1/4" x 45' (6.4mm x 13.7m)	39 (17.7)
T60RE	12	•	•	1/4" x 90' (6.4mm x 27.4m)	52 (23.6)
V60RE	12	•	•	1/4" x 90' (6.4mm x 27.4m)	49 (22.2)
V60R	12	•	•	1/4" x 45' (6.4mm x 13.7m)	39 (17.7)
V60SR	12	•		1/4" x 45' (6.4mm x 13.7m)	38 (17.2)



Model T84RE

8400 Series - 8400 lbs. (3810 kg) capacity

Model	Volts (DC)	Remote Control	Free Wheel	Cable	Weight (lbs/kg)
T84R	12	•	•	5/16" x 30' (8mm x 9.1m)	42 (19.1)
T84RE	12	•	•	5/16" x 60' (8mm x 18.3m)	53 (24.0)
V84R	12	•	•	5/16" x 30' (8mm x 9.1m)	42 (19.1)
V84RE	12	•	•	5/16" x 60' (8mm x 18.3m)	49 (22.2)



Gasoline Powered Winch

The G1800E gas powered winch offers "go anywhere" pulling power to a variety of users with countless applications for rescue workers, hunters, boatyard workers, off road vehicles and anyone needing a strong dependable winch in a tough-to-reach spot.

- Totally Redesigned
- Powered by Dependable Echo® Power Head
- Portable, Go-Anywhere Pulling Power
- Exclusive "Rapid-Reply" Starter System
- Hauls up to 1800 lbs (817 kg) Single Line, 3500 lbs (1588 kg) with Pulley Block
- Multiple Uses for Hunters and Sportsmen
- Applications for Rescue Workers, Line Pullers, Loggers

SPECIFICATIONS

Weight: 32 lbs (14.5 kg) including cable
Drum Cable: 75' x 3/16" (22.9m x 4.8mm) aircraft cable.
 Replacement Part # G240

Tie Down Strap Included: 2" x 6' (51mm x 1.8m) with 2 hooks #W-132
Power Head: 1.83 cubic inch (29990 cubic mm)
 ECHO® CSW-3000 Type 1-E.

Replacement Part: #WA-1463

REDUCTION RATIOS

Engine to Gear Input: 2.29:1
Gearbox Ratio: 115:1
Total Ratio: 263:1
Drum RPM: 30

DIMENSIONS

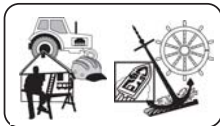
Length: 18-1/2" (470mm)
Width: 10-1/2" (267mm)
Height: 9-1/2" (241mm)

LINE SPEED/PULLING PERFORMANCE

	Single Line	Double Line
Average Line Speed with no load	32 feet per minute (9.8 meters per minute)	16 feet per minute (4.9 meters per minute)
Actual Pulling Power	1800 lbs (817 kg)	3500 lbs (1588 kg)

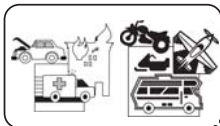


Model G1800E



Utility Workers

Boatyards



Rescue Workers

Recreation



Forestry Landscaping

Hunting

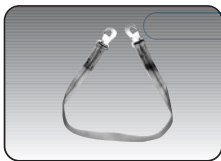


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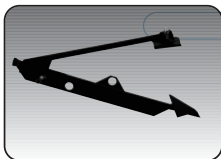
Winches - Gas Powered Accessories



Model W-132

Nylon Tie Down/Carry Strap

Model W-132 (Included with gas winch) 2" x 6' (51mm X 1.8m)



Model G220

Ground Anchor

Model G220 24" x 17" (610mm x 432mm)



Model G247

Cable Tie Down

Model G247 Cable Tie Down with 2 Hooks
5/16" x 6' (7.9mm x 1.8m)



Model W-137

Extension Cable

Model W-137 Extension Cable with 1 Hook
1/4" x 50' (6.4mm x 15.2m)



Pulley Block

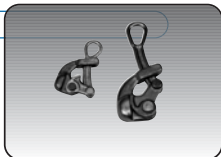
Model W-131C Pulley Block



Model W-131C

Cable Pulling Clamps

Model G230 pulls 1/16" (1.6mm) to 1/4" (6.4mm) cable
Model G231 pulls 1/8" (3.2mm) to 1/2" (12.7mm) cable



Model G230

Model G231

Fuel Bottle With Spout

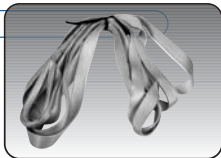
Model W-140 32 fl. oz. (946 ml)



Model W-140

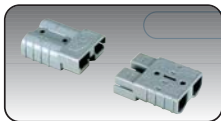
Nylon Tow Strap

Model W-133 2" x 6' (51mm x 1.8m)
Model W-135 2" x 30' (51mm x 9.1m)



Model W-133

Winches - Gas Powered Accessories



Model W-118

Cable Disconnect Kits

Especially useful in trailer applications. Heavy duty plastic with silver coated connectors allows user to connect or disconnect both battery cables at the hitch area.

Model W-118PK For Rule 1400, 1600, 2000, 2500, 3300, and 4200 series winches accommodates 6 (4.1mm) 8 (3.3mm), 10 (2.6mm), 12 (2mm) gauge cables

Model W-119PK For Rule 6000 and 8400 series winches
Accommodates 1 - 4 (7.3 - 5.2mm) gauge cables



Model W-138PK

Winch Covers

Attractive cover protects winches from weather

Model W-139 For standard drum models

Model W-138 For extended drum models (E suffix)



Model W-120

Remote Location Rotary Switch Kit

Allows rotary switch on winch to be moved to a remote station. Includes two 10' (3.1m) cables and switch plate.

Model W-120 For Rule 1400, 1600, 2000, 2500, 3300, and 4200 series winches accommodates 6 (4.1mm) 8 (3.3mm), 10 (2.6mm), 12 (2mm) gauge cables



Model W-121

Remote Control Kits

Converts from motor switch control to solenoid control. Includes solenoid control box, remote control handle with 10' (3.1m) cord, two 2.5' (.76m) control box to winch leads, plus wiring harness which connects control box to battery.

Model W-121 For 12 volt vehicle winches

Model W-121-24V For 24 volt vehicle winches

Wiring harness for vehicle winches includes 5' (1.5m) battery lead and 5' (1.5m) ground lead.

Model W-123 For 12 volt trailer winches

Model W-123-24V For 24 volt trailer winches

Wiring harness for trailer winches includes 25' (7.6m) battery lead and 8' (2.4m) ground lead.



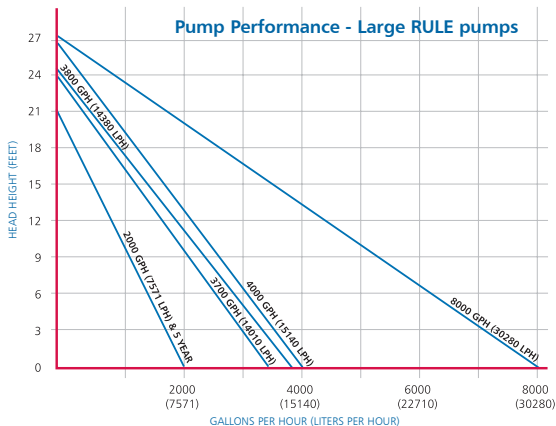
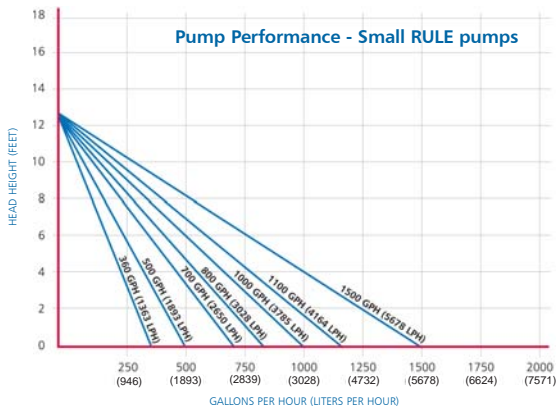
Model W-197

Roller Fairlead Kits

Reduce cable wear when winching at severe angles

Model W-197 For standard drum winches

Model W-198 For extended drum winches (E suffix)



Pumps - Bilge Performance Curves



Capacity GPH (LPH)	Model No.	Watts	Volts	Amps @12v	Amps @13.6v	Fuse Size	Height (inches/mm)	Width (inches/mm)	Weight (lbs/kg)	Hose Diameter (inches/mm)	Panel Switches	Float Switches
NON-AUTOMATIC BILGE PUMPS												
8000 (30280)	174D	-	12DC	15.5 (2 ea)	20.0 (2 ea)	25 (2 ea)	7-3/4 (196.8)	12 (305)	10/12 (4.9)	3 (76.0)	-	-
4000 (15140)	56D	-	12DC	15.5	20.0	25	7-3/4 (196.8)	4-7/8 (124)	5/8 (2.5)	2 (51.0)	41,43,45,49	37,40
4000 (15140)	56D-24	-	24DC	6.9@24v	10.0@27.2v	15	7-3/4 (196.8)	4-7/8 (124)	5/8 (2.5)	2 (51.0)	41,43,45,49	35,37,40
4000 (15140)	56D-32	-	32DC	5.0@32v	7.5@36.3	10	7-3/4 (196.8)	4-7/8 (124)	5/8 (2.5)	2 (51.0)	41,43,45,49	35,37,40
3800* (14383)	17A	-	12DC	15.5	20.0	25	5-1/4 (133)	8-1/2 (216)	5/10 (2.6)	1-1/2 (38)	49	-
3700 (14010)	13A	-	12DC	15.5	20.0	25	7-1/4 (184)	4-7/8 (124)	5/4 (2.4)	1-1/2 (38)	41,43,45,49	37,40
3700 (14010)	14A	-	12DC	15.5	20.0	25	7-1/4 (184)	4-7/8 (124)	5/4 (2.4)	1-1/2 (38)	41,43,45,49	37,40
3700 (14010)	14A-6UL	-	12DC	15.5	20.0	25	7-1/4 (184)	4-7/8 (124)	5/5 (2.4)	1-1/2 (38)	41,43,45,49	35,37,40
3700 (14010)	16A	-	24DC	6.9 @ 24v	10.0 @ 27.2v	15	7-1/4 (184)	4-7/8 (124)	5/4 (2.4)	1-1/2 (38)	42,44,45,49	35,37,40
3700 (14010)	15A	-	32DC	5.0 @ 32v	7.5 @ 36.3v	10	7-1/4 (184)	4-7/8 (124)	5/4 (2.4)	1-1/2 (38)	42,44,45,49	35,37,40
3700 (14010)	18A	-	24DC	6.9 @ 24v	10.0 @ 27.2v	15	5-1/4 (133)	8-1/2 (216)	5/10 (2.6)	1-1/2 (38)	49	-
3700* (14010)	19A	-	32DC	5.0 @ 32v	7.5 @ 36.3v	10	5-1/4 (133)	8-1/2 (216)	5/10 (2.6)	1-1/2 (38)	49	-
2800 (10600)	A55D	175	110AC	-	-	-	8-3/4 (222)	4-7/8 (124)	5/8 (2.5)	1-1/2 (38)	-	-
2000 (7571)	09	-	12DC	8.4	12.0	15	6 (152)	4-1/4 (108)	2/15 (1.3)	1-1/8 (28.6)	41,43,45,49	35,37,40
2000 (7571)	10	-	12DC	8.4	12.0	15	6 (152)	4-1/4 (108)	2/15 (1.3)	1-1/8 (28.6)	41,43,45,49	35,37,40
2000 (7571)	10-6UL	-	12DC	8.4	12.0	15	6 (152)	4-1/4 (108)	3/0 (1.4)	1-1/8 (28.6)	41,43,45,49	35,37,40
2000 (7571)	11	-	32DC	3.1 @ 32v	5.0 @ 36.3v	6	6 (152)	4-1/4 (108)	2/15 (1.3)	1-1/8 (28.6)	42,44,45,49	35,37,40
2000 (7571)	12	-	24DC	4.0 @ 24v	6.0 @ 27.2v	7.5	6 (152)	4-1/4 (108)	2/15 (1.3)	1-1/8 (28.6)	42,44,45,49	35,37,40
1800 (6814)	H53SP-24	100	110AC	-	-	-	7-3/4 (196.8)	10-1/2 (267)	4/2 (1.9)	1-1/8 (28.6)	-	-
1800 (6814)	A53D	100	110AC	-	-	-	7-3/4 (196.8)	4-3/4 (120.6)	4/0 (1.8)	1-1/8 (28.6)	-	-
1500 (5678)	02	-	12DC	4.8	7.0	10	6 (152)	4-1/4 (108)	2/10 (1.2)	1-1/8 (28.6)	41,43,45,49	35,37,40
1500 (5678)	02-6	-	12DC	4.8	7.0	10	6 (152)	4-1/4 (108)	2/10 (1.2)	1-1/8 (28.6)	41,43,45,49	35,37,40
1500 (5678)	03	-	24DC	2.3 @ 24v	3.5 @ 27.2v	4	6 (152)	4-1/4 (108)	2/10 (1.2)	1-1/8 (28.6)	42,44,45,49	35,37,40
1500 (5678)	04	-	12DC	4.8	7.0	10	6 (152)	4-1/4 (108)	2/10 (1.2)	1-1/8 (28.6)	41,43,45,49	35,37,40
1100 (4164)	27D	-	12DC	3.3	5.0	6	4-1/4 (108)	2-3/8 (60.3)	0/10 (0.28)	1-1/8 (28.6)	41,43,45,49	35,37,40
1100 (4164)	27D-6	-	12DC	3.3	5.0	6	4-1/4 (108)	2-3/8 (60.3)	0/11 (0.31)	1-1/8 (28.6)	41,43,45,49	35,37,40
1100 (4164)	28D	-	24DC	1.3 @ 24v	2.0 @ 27.2v	2.5	4-1/4 (108)	2-3/8 (60.3)	0/10 (0.28)	1-1/8 (28.6)	42,44,45,49	35,37,40
1100 (4164)	27DC	-	12DC	3.3	5.0	6	4-1/4 (108)	2-3/8 (60.3)	0/11 (0.31)	1-1/8 (28.6)	41,43,45,49	35,37,40
1000 (3785)	20A	-	12DC	2.9	4.0	5	4 (102)	2-7/8 (73)	0/14 (0.40)	1-1/8 (28.6)	41,43,45,49	35,37,40
800 (3028)	20F	-	12DC	2.8	4.0	5	4 (102)	2-7/8 (73)	0/14 (0.40)	3/4 (19.0)	41,43,45,49	35,37,40
800 (3028)	20R	-	12DC	2.8	4.0	5	3-3/4 (95.25)	2-3/8 (60.3)	0/10 (0.28)	3/4 (19.0)	41,43,45,49	35,37,40
800 (3028)	21R	-	24DC	1.3 @ 24v	2.0 @ 27.2v	2.5	3-3/4 (95.25)	2-3/8 (60.3)	0/10 (0.28)	3/4 (19.0)	42,44,45,49	35,37,40
800 (3028)	20RC	-	12DC	2.8	4.0	5	3-3/4 (95.25)	2-3/8 (60.3)	0/10 (0.28)	3/4 (19.0)	41,43,45,49	35,37,40
500 (1893)	26D	-	24DC	0.9 @ 24v	1.3 @ 27.2v	1.5	3-1/2 (89)	2-3/8 (60.3)	0/9 (0.26)	3/4 (19.0)	42,44,45,49	35,37,40
500 (1893)	25D	-	12DC	1.9	2.5	2.5	3-1/2 (89)	2-3/8 (60.3)	0/9 (0.26)	3/4 (19.0)	41,43,45,49	35,37,40
500 (1893)	25D-6	-	12DC	1.9	2.5	2.5	3-1/2 (89)	2-3/8 (60.3)	0/10 (0.28)	3/4 (19.0)	41,43,45,49	35,37,40
500 (1893)	25D-6WC	-	12DC	1.9	2.5	2.5	3-1/2 (89)	2-3/8 (60.3)	0/10 (0.28)	3/4 (19.0)	49PWC	-
500 (1893)	25DC	-	12DC	1.9	2.5	2.5	3-1/2 (89)	2-3/8 (60.3)	0/9 (0.26)	3/4 (19.0)	41,43,45,49	35,37,40
360 (1363)	24	-	12DC	2.1	2.5	2.5	3-1/2 (89)	2-3/8 (60.3)	0/9 (0.26)	3/4 (19.0)	41,43,45,49	35,37,40
360 (1363)	24-6	-	12DC	2.1	2.5	2.5	3-1/2 (89)	2-3/8 (60.3)	0/9 (0.26)	3/4 (19.0)	41,43,45,49	35,37,40
360 (1363)	24-6DC	-	12DC	1.9	2.5	2.5	3-1/2 (89)	2-3/8 (60.3)	0/9 (0.26)	3/4 (19.0)	41,43,45,49	35,37,40

* General Purpose Pump See page 32 for bilge pump performance curves

Capacity GPH (LPH)	Model No.	Watts	Volts	Amps @12v	Amps @13.6v	Fuse Size	Height (inches/mm)	Width (inches/mm)	Weight (lbs/kg)	Hose Diameter (inches/mm)	Panel Switches	Float Switches
RULE-MATE™ AUTOMATED BILGE PUMPS												
500 (1893)	RM500	-	12DC	1.9	2.5	2.5	4 (101.6)	5 (127)	0/13 (0.37)	3/4 (19.0)	41,43,45	-
500 (1893)	RM500-24	-	24DC	1.0@24v	1.3@27.2v	1.5	4 (101.6)	5 (127)	0/13 (0.37)	3/4 (19.0)	42,44,45	-
750 (2839)	RM750	-	12DC	2.8	4.0	5	4 (101.6)	5 (127)	0/13 (0.37)	3/4 (19.0)	41,43,45	-
750 (2839)	RM750-24	-	24DC	1.4@24v	2.0@27.2v	2.5	4 (101.6)	5 (127)	0/13 (0.37)	3/4 (19.0)	42,44,45	-
1100 (4164)	RM1100	-	12DC	3.3	5.0	6	4 (101.6)	5 (127)	0/14 (0.40)	1-1/8 (28.6)	41,43,45	-
1100 (4164)	RM1100-24	-	24DC	1.4@24v	2.0@27.2v	2.5	4 (101.6)	5 (127)	0/14 (0.40)	1-1/8 (28.6)	42,44,45	-
1500 (5678)	RM1500	-	12DC	4.8	7.0	10	6 (152)	7.25 (185)	3-1/2 (1.6)	1-1/8 (28.6)	41,43,45	-
2000 (7571)	RM2000	-	12DC	8.4	12.0	15	6 (152)	7.25 (185)	4 (1.8)	1-1/8 (28.6)	41,43,45	-
2000 (7571)	RM2000-24	-	24DC	4.0@24v	6.0@27.2v	7.5	6 (152)	7.25 (185)	4 (1.8)	1-1/8 (28.6)	41,43,45	-
AUTOMATIC SERIES BILGE PUMPS												
8000 (30280)	1745	-	12DC	15.5 (2 ea)	20.0 (2 ea)	25 (2 ea)	11 (279)	12 (305)	12/12 (5.8)	3 (76.0)	-	-
4000 (15140)	565	-	12DC	15.5	20.0	25	9-1/4 (235)	4-7/8 (124)	5/8 (2.5)	2 (51.0)	49	-
3700 (14010)	555	-	12DC	15.5	20.0	25	8-1/4 (209.5)	4-7/8 (124)	5/8 (2.5)	1-1/2 (38)	49	-
2800 (10600)	A555	175 110AC	-	-	-	-	8-3/4 (222)	4-7/8 (124)	5/8 (2.5)	1-1/2 (38)	-	-
2800 (10600)	A555-24	175 110AC	-	-	-	-	8-3/4 (222)	4-7/8 (124)	5/10 (2.6)	1-1/2 (38)	-	-
2000 (7571)	535	-	12DC	8.4	12.0	15	7-3/4 (196.8)	4-3/4 (120.6)	4/0 (1.8)	1-1/8 (28.6)	49	-
1800 (6814)	A535	100 110AC	-	-	-	-	7-3/4 (196.8)	4-3/4 (120.6)	4/0 (1.8)	1-1/8 (28.6)	-	-
1800 (6814)	A535-24	100 110AC	-	-	-	-	7-3/4 (196.8)	4-3/4 (120.6)	4/2 (1.9)	1-1/8 (28.6)	-	-
1100 (4164)	275	-	12DC	3.3	5.0	6.0	4-1/2 (114)	2-3/8 (60.3)	0/12 (0.34)	1-1/8 (28.6)	49	-
800 (3028)	20R5	-	12 DC	2.8	4.0	5	4-1/4 (108)	2-3/8 (60.3)	0/14 (0.40)	3/4 (19.0)	49	-
500 (1893)	255	-	12DC	1.9	2.5	2.5	4 (102)	2-3/8 (60.3)	0/11(0.31)	3/4 (19.0)	49	-
500 (1893)	255-24	-	24DC	0.9@24v	1.3@27.2v	1.5	4 (102)	2-3/8 (60.3)	0/11(0.31)	3/4 (19.0)	49	-
500 (1893)	255-6	-	12DC	1.9	2.5	2.5	4 (102)	2-3/8 (60.3)	0/12 (0.34)	3/4 (19.0)	49	-

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