

# Rule-Mate Bilge Pumps

500/800/1100 GPH – AUTOMATIC SUBMERSIBLE BILGE PUMPS

**Rule-Mate bilge pumps provide ultimate pumping performance, which helps keep your bilge clear of nuisance water, building on the genuine Rule design.**

Rule-Mate bilge pumps operate using an internal level sensor. When water reaches 2" (5cm), the pump will automatically activate, removing water from the bilge. When the water level reaches 3/8" (0.9cm) the pump will turn off until the water level rises again.

Bilges are not always clean and free from debris. If the Rule-Mate level sensor becomes fouled by debris or contaminated water, its unique back-up feature will prevent the pump from entering a run-on condition, protecting the battery while maintaining automatic operation.



## Rule-Mate bilge pumps feature:

- **Higher Flow** – optimized impeller to provide up to 10% more flow at the same amperage as previous models
- **Auto Sense Intelligence** – integral water level sensor controls the pump automatically
- **Back Up Feature** – prevents continuous running if sensor is fouled by debris, pump reverts to 2.5 minute cycle mode
- **Smaller Footprint** – 2/3 the size of previous models
- **Built-In Thermal Cut-Off (TCO)** – provides added protection for pump and vessel
- **Back Flow Prevention** – reduces the amount of water left over in the bilge, reducing odor and helping keep your bilge cleaner
- **Hidden Air Vents in the Body** – helps prevent air locking in challenging plumbing installations and helps with the check valve
- **Threaded Discharge** – easier installation, easier maintenance



ISO 8849 Marine (Electric bilge pumps)  
ISO 8846 Marine (Ignition protection)

  
a xylem brand

# Rule-Mate Bilge Pumps

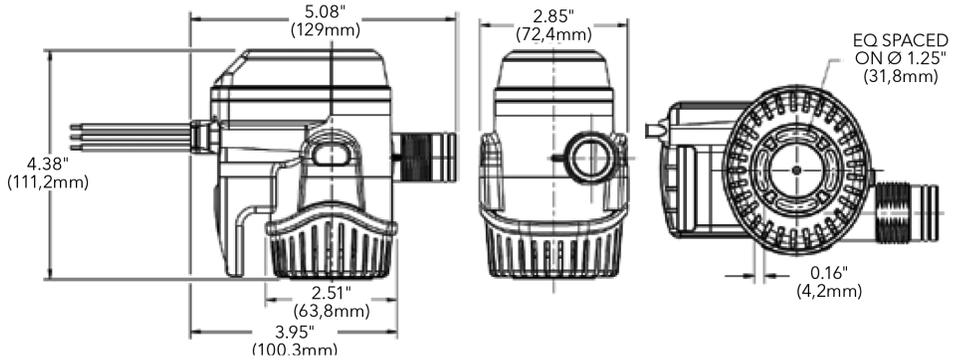
Nominal GPH/LPH	Model No.	Volts	Amps @ 12V	Amps @ 13.6V	Check Valve	Hose Dia.	UPC
500 (1890)	RM500B	12 DC	1.8 (12V)	2.4 (13.6V)	YES	3/4" (19mm)	042237-106230
500 (1890)	RM500B-24	24 DC	1.0 (24V)	1.2 (27.2V)	YES	3/4" (19mm)	042237-106261
800 (3028)	RM800B	12 DC	3.0 (12V)	3.7 (13.6V)	YES	3/4" (19mm)	042237-106223
800 (3028)	RM800B-24	24 DC	1.6 (24V)	2.0 (27.2V)	YES	3/4" (19mm)	042237-106254
1100 (4164)	RM1100B	12 DC	3.8 (12V)	4.8 (13.6V)	YES	1" (25mm) AND 1-1/8" (29mm)	042237-106216
1100 (4164)	RM1100B-24	24 DC	2.1 (24V)	2.5 (27.2V)	YES	1" (25mm) AND 1-1/8" (29mm)	042237-106247



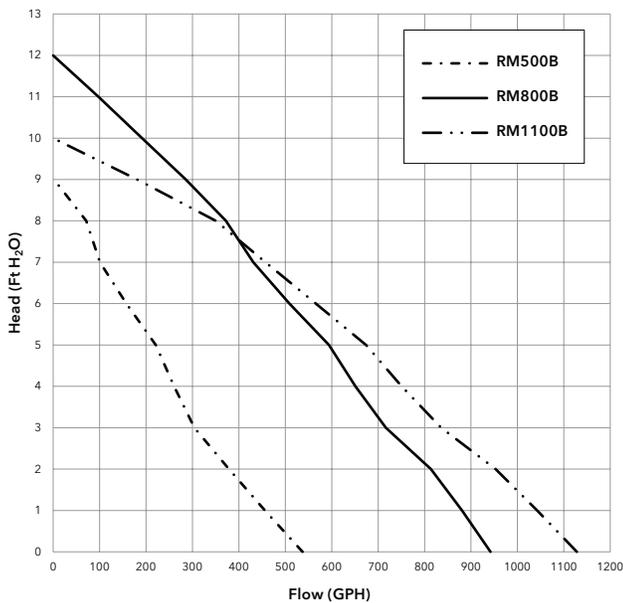
Check Valve Included

### Weight

Rule-Mate 500	0.9 lbs (0.41kg)
Rule-Mate 800	0.9 lbs (0.41kg)
Rule-Mate 1100	1.05 lbs (0.48kg)



## Performance at Rated Voltage (12 or 24 Volts)



### Spare Parts Description

Spare Parts Description	Model No.
500 3/4" (19mm) Barbed Port	1200R
500 3/4" (19mm) Barbed Port 90 Degree	1201R
500 1" (25mm) Barbed Port	1202R
800/1100 3/4" (19mm) Barbed Port 90 Degree	1203R
800/1100 3/4" (19mm) Barbed Port	1204R
800/1100 1" (25mm) Barbed Port 90 Degree	1205R
800/1100 1" (25mm) Barbed Port	1206R
800/1100 1-1/8" (29mm) Barbed Port 90 Degree	1207R
800/1100 1-1/8" (29mm) Barbed Port	1208R
500 3/4" (19mm) Check Valve	1220R
800/1100 3/4" (19mm) Check Valve	1221R
800/1100 1" (25mm) Check Valve	1222R
800/1100 1-1/8" (29mm) Check Valve	1223R



Barbed Ports



Strainer Base 1232R