

Rule Primary Bilge Pump Reference Guide

Consider these factors when selecting a Rule primary bilge pump.

| Pump Type | Non-Automatic Requires a float or panel switch to operate | Automatic with Timer Turns on every 2 1/2 minutes to check for water | Automatic with Level Sensing Runs only when water is present with timer cycle as backup mode |
|----------------------|--|--|---|
| Key Features / Specs | • Largest range: 360 GPH/1363 LPH to 4000 GPH/15140 LPH | • Uses ~0.25A per day in cycling mode | • 500 GPH/1893 LPH to 2000 GPH/7571 LPH |
| Key Advantages | • Traditional set up • Easiest to diagnose | • Smallest profile automatic pump • Least amount of water in the bilge at all times | • Non-mechanical technology • Easy installation |
| Best For | • Mooring and the occasional user | • Shallow bilges | • Tight areas |
| Product Name | • Standard Bilge Pump • LoPro (model LP900D) | • Automatic Bilge Pump | • Rule-Mate • LoPro (model LP900S) |

Non-Automatic: Standard Bilge Pumps & LoPro (model LP900D)

| Capacity GPH (LPH) | Model No. | Volts | Fuse Size | Amps @12 v | Amps @13.6 v | Replace Strainer | Height in. (mm) | Width in. (mm) | Hose Dia. in. (mm) | Compatible Float Switches | Compatible Panel Switches |
|--------------------|----------------------|-------|-----------|------------|--------------|------------------|-----------------|----------------|---------------------|---------------------------|---------------------------|
| 360 (1363) | 24DA | 12DC | 4 | 2.1 | 2.4 | 1231R | 3-7/8 (99) | 2-7/8 (74) | 3/4 (19) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 500 (1893) | 25DA-6* | 12DC | 4 | 1.6 | 1.8 | 1231R | 3-7/8 (99) | 2-7/8 (74) | 3/4 (19) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 500 (1893) | 25DA | 12DC | 4 | 1.6 | 1.8 | 1231R | 3-7/8 (99) | 2-7/8 (74) | 3/4 (19) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 500 (1893) | 25DA-24 | 24DC | 3 | 1.0 @ 24V | 1.2 @ 27.2V | 1231R | 3-7/8 (99) | 2-7/8 (74) | 3/4 (19) | 35A, 37A, 40A | 42, 44, 45, 49 |
| 800 (3028) | 20DA | 12DC | 7.5 | 3.4 | 4.3 | 1232R | 4-3/8 (111) | 2-7/8 (74) | 3/4 (19) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 800 (3028) | 20DA-24 | 24DC | 4 | 1.7 @ 24V | 2.0 @ 27.2V | 1232R | 4-3/8 (111) | 2-7/8 (74) | 3/4 (19) | 35A, 37A, 40A | 42, 44, 45, 49 |
| 900 (3407) | LP900D | 12DC | 7.5 | 4 | 5 | 1230R | 2.4 (61) | 8.9 (226) | Multiple | 35A, 37A, 40A | 41, 43, 45, 49 |
| 1100 (4164) | 27DA | 12DC | 7.5 | 3.7 | 4.7 | 1232R | 4-3/8 (111) | 2-7/8 (74) | 1 (25) & 1-1/8 (29) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 1100 (4164) | 27DA-6* | 12DC | 7.5 | 3.7 | 4.7 | 1232R | 4-3/8 (111) | 2-7/8 (74) | 1 (25) & 1-1/8 (29) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 1100 (4164) | 27DA-24 | 24DC | 4 | 1.9 @ 24V | 2.2 @ 27.2V | 1232R | 4-3/8 (111) | 2-7/8 (74) | 1 (25) & 1-1/8 (29) | 35A, 37A, 40A | 42, 44, 45, 49 |
| 1500 (5678) | 02 | 12DC | 10 | 4.8 | 7 | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 1500 (5678) | 02-6* | 12DC | 10 | 4.8 | 7 | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 1500 (5678) | 04* (Gold) | 12DC | 10 | 4.8 | 7 | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 35A, 37A, 40A | 41, 43, 45, 49 |
| 1500 (5678) | 03 | 24DC | 4 | 2.3 @ 24V | 3.5 @ 27.2 V | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 35A, 37A, 40A | 42, 44, 45, 49 |
| 2000 (7571) | 10 | 12DC | 15 | 8.4 | 12 | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 37A, 40A | 41, 43, 45, 49 |
| 2000 (7571) | 10-6UL* (UL Listed) | 12DC | 15 | 8.4 | 12 | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 37A, 40A | 41, 43, 45, 49 |
| 2000 (7571) | 09* (Gold) | 12DC | 15 | 8.4 | 12 | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 37A, 40A | 41, 43, 45, 49 |
| 2000 (7571) | 12 | 24DC | 7.5 | 4.0 @ 24V | 6.0 @ 27.2V | 278 | 6 (152) | 4-1/4 (108) | 1-1/8 (29) | 37A, 40A | 42, 44, 45, 49 |
| 3700 (14010) | 14A | 12DC | 25 | 15.5 | 20 | 279 | 7-1/4 (184) | 4-7/8 (124) | 1-1/2 (38) | 37A, 40A | 41, 43, 45, 49 |
| 3700 (14010) | 14A-6UL* (UL Listed) | 12DC | 25 | 15.5 | 20 | 279 | 7-1/4 (184) | 4-7/8 (124) | 1-1/2 (38) | 37A, 40A | 41, 43, 45, 49 |
| 3700 (14010) | 13A* (Gold) | 12DC | 25 | 15.5 | 20 | 279 | 7-1/4 (184) | 4-7/8 (124) | 1-1/2 (38) | 37A, 40A | 41, 43, 45, 49 |
| 3700 (14010) | 16A | 24DC | 15 | 6.9 @ 24V | 10 @ 27.2V | 279 | 7-1/4 (184) | 4-7/8 (124) | 1-1/2 (38) | 37A, 40A | 42, 44, 45, 49 |
| 4000 (15140) | 56D | 12DC | 25 | 15.5 | 20 | 279 | 7-1/4 (184) | 4-7/8 (124) | 2 (51) | 37A, 40A | 41, 43, 45, 49 |
| 4000 (15140) | 56D-24 | 24DC | 15 | 6.9 @ 24V | 10 @ 27.2V | 279 | 7-1/4 (184) | 4-7/8 (124) | 2 (51) | 37A, 40A | 42, 44, 45, 49 |

*6' wire leads

Float Switches: Required for non-automatic bilge pumps

| Model No. | Model Name | Volts (DC) | Max Amps | Wire Gauge | Size (H x L x W) in. (mm) |
|-----------|-------------------|------------|----------------------------------|------------|-----------------------------------|
| 35A | Rule-A-Matic | 12-24 | 14A (12V), 7A (24V) | 16 AWG | 2-1/4 x 5 x 1-3/4 (57 x 127 x 58) |
| 35FA | Rule-A-Matic | 12-24 | 14A (12V), 7A (24V) | 16 AWG | 2-1/4 x 5 x 1-3/4 (57 x 127 x 58) |
| 37A | Super Switch | 12-24-32 | 20A (12V), 10A (24V), 6.5A (32V) | 14 AWG | 2-1/4 x 5 x 2 (57 x 127 x 51) |
| 37FA | Super Switch | 12-24-32 | 20A (12V), 10A (24V), 6.5A (32V) | 14 AWG | 2-1/4 x 5 x 2 (57 x 127 x 51) |
| 40A | Rule-A-Matic Plus | 12-24-32 | 20A (12V), 10A (24V), 6.5A (32V) | 14 AWG | 3 x 5-3/8 x 2-1/2 (76 x 137 x 64) |
| 40FA | Rule-A-Matic Plus | 12-24-32 | 20A (12V), 10A (24V), 6.5A (32V) | 14 AWG | 3 x 5-3/8 x 2-1/2 (76 x 137 x 64) |
| 39 | ECO-Switch | 12 | 20A | 14 AWG | 1-7/8 x 6 x 2-3/4 (48 x 152 x 70) |
| 39-24 | ECO-Switch | 24 | 10A | 14 AWG | 1-7/8 x 6 x 2-3/4 (48 x 152 x 70) |

Automatic with Timer: Automatic Bilge Pumps

| Capacity GPH (LPH) | Model No. | Volts | Fuse Size | Amps @12 v | Amps @13.6 v | Replace. Strainer | Height in. (mm) | Width in. (mm) | Hose Dia. in. (mm) | Compatible Panel Switches |
|-----------------------|---------------------------------------|-------|--------------|---------------|-----------------|----------------------|--------------------|-------------------|-----------------------|------------------------------|
| 500 (1893) | 25SA | 12DC | 4 | 1.6 | 1.8 | 1231R | 4.1 (104) | 2.9 (73) | 0.75 (19) | 41, 43, 45 |
| 500 (1893) | 25SA-6WC* (20 sec. cycle for PWCs) | 12DC | 4 | 1.6 | 1.8 | 1231R | 4.1 (104) | 2.9 (73) | 0.75 (19) | 41, 43, 45 |
| 500 (1893) | 25SA-24 | 24DC | 3 | 1.0 @ 24V | 1.2 @ 27.2V | 1231R | 4.1 (104) | 2.9 (73) | 0.75 (19) | 42, 44, 45 |
| 800 (3028) | 20SA | 12DC | 7.5 | 3.4 | 4.3 | 1232R | 4.7 (119) | 2.9 (73) | 0.75 (19) | 41, 43, 45 |
| 1100 (4164) | 27SA | 12DC | 7.5 | 3.7 | 4.7 | 1232R | 4.7 (119) | 2.9 (73) | 1 (25) & 1-1/8 (29) | 41, 43, 45 |
| 1100 (4164) | 27SA-24 | 24DC | 4 | 1.9 @ 24V | 2.2 @ 24V | 1232R | 4.7 (119) | 2.9 (73) | 1 (25) & 1-1/8 (29) | 42, 44, 45 |
| 1500 (5678) | 51S | 12DC | 10 | 5 | 7 | 286 | 7.75 (197) | 4.75 (121) | 1-1/8 (29) | 41, 43, 45 |
| 2000 (7571) | 53S | 12DC | 15 | 8.4 | 12 | 278 | 7.75 (197) | 4.75 (121) | 1-1/8 (29) | 41, 43, 45 |
| 3700 (14010) | 55S | 12DC | 25 | 15.5 | 20 | 279 | 8.25 (209.5) | 4.9 (124) | 1-1/2 (38) | 41, 43, 45 |
| 4000 (15140) | 56S | 12DC | 25 | 15.5 | 20 | 279 | 9.25 (235) | 4.9 (124) | 2 (51) | 41, 43, 45 |

*6' wire leads

Automatic with Level Sensing: Rule-Mate & LoPro (model LP900S)

| Capacity GPH (LPH) | Model No. | Volts | Fuse Size | Amps @12 v | Amps @13.6 v | Replacement Strainer | Height in. (mm) | Width in. (mm) | Hose Dia. in. (mm) | Compatible Panel Switches |
|-----------------------|------------|-------|-----------|---------------|-----------------|-------------------------|--------------------|-------------------|-----------------------|------------------------------|
| 500 (1893) | RM500B | 12DC | 4 | 1.8 | 2.4 | 1232R | 4.4 (114) | 6 (152) | 0.75 (19) | 41, 43, 45 |
| 500 (1893) | RM500B-24 | 24DC | 2 | 1.0 @ 24V | 1.2 @ 27.2V | 1232R | 4.4 (114) | 6 (152) | 0.75 (19) | 42, 44, 45 |
| 800 (3028) | RM800B | 12DC | 5 | 3.0 | 3.7 | 1232R | 4.4 (114) | 6 (152) | 0.75 (19) | 41, 43, 45 |
| 800 (3028) | RM800B-24 | 24DC | 4 | 1.6 @ 24V | 2.0 @ 27.2V | 1232R | 4.4 (114) | 6 (152) | 0.75 (19) | 42, 44, 45 |
| 1100 (4164) | RM1100B | 12DC | 7.5 | 3.8 | 4.8 | 1232R | 4.4 (114) | 6 (152) | 1 (25) & 1-1/8 (29) | 41, 43, 45 |
| 1100 (4164) | RM1100B-24 | 24DC | 4 | 2.1 @ 24V | 2.5 @ 27.2V | 1232R | 4.4 (114) | 6 (152) | 1 (25) & 1-1/8 (29) | 42, 44, 45 |
| 1500 (5678) | RM1500A | 12DC | 10 | 4.8 | 7 | 286 | 6 (152) | 7.25 (185) | 1-1/8 (29) | 41, 43, 45 |
| 2000 (7571) | RM2000A | 12DC | 15 | 12 | 12 | 286 | 6 (152) | 7.25 (185) | 1-1/8 (29) | 41, 43, 45 |
| 2000 (7571) | RM2000A-24 | 24DC | 7.5 | 4.0@24V | 6.0@27.2V | 286 | 6 (152) | 7.25 (185) | 1-1/8 (29) | 42, 44, 45 |
| 900 (3407) | LP900S | 12DC | 7.5 | 4 | 5 | 1230R | 2.4 (60) | 2.4 (60) | Multiple | 41, 43, 45 |

Panel Switches

| Model No. | Description | Volts (DC) | Max Amps (DC) | Size (W x H) in. (mm) |
|-----------|----------------------|------------|-------------------------------|----------------------------|
| 41 | 3-way lighted | 12 | 20 | 3-1/4 x 2 (83 x 51) |
| 42 | 3-way lighted | 24-32 | 10 (24V), 6.5 (32V) | 3-1/4 x 2 (83 x 51) |
| 45 | 3-way | 12-24-32 | 20 (12V), 10 (24V), 6.5 (32V) | 2-1/4 x 2 (57 x 51) |
| 43 | 3-way rocker lighted | 12 | 20 | 2-7/8 x 2-3/8 (73 x 60) |
| 44 | 3-way rocker lighted | 24 | 10 | 2-7/8 x 2-3/8 (73 x 60) |
| 49 | 2-way | 12-24-32 | 20 (12V), 10 (24V), 6.5 (32V) | 2-1/4 x 2 (57 x 51) |

Hose Barb Fittings & Check Valves

| Description | Part No. |
|---------------------------------------|----------|
| 360/500 3/4" Barbed Port | 1200R |
| 360/500 3/4" Barbed Port 90 Degree | 1201R |
| 360/500 1" Barbed Port | 1202R |
| 800/1100 3/4" Barbed Port 90 Degree | 1203R |
| 800/1100 3/4" Barbed Port | 1204R |
| 800/1100 1" Barbed Port 90 Degree | 1205R |
| 800/1100 1" Barbed Port | 1206R |
| 800/1100 1-1/8" Barbed Port 90 Degree | 1207R |
| 800/1100 1-1/8" Barbed Port | 1208R |
| 360/500 3/4" Check Valve | 1220R |
| 800/1100 3/4" Check Valve | 1221R |
| 800/1100 1" Check Valve | 1222R |
| 800/1100 1-1/8" Check Valve | 1223R |

