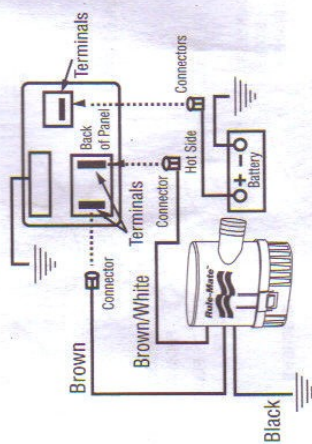


WIRING

1. WIRE - Normal installations require 16 gauge wire. For installations over 25 feet from battery use 14 gauge wire.
2. KEEP ALL WIRE CONNECTIONS ABOVE HIGHEST POSSIBLE WATER LEVEL. WIRE CONNECTIONS SHOULD BE SEALED WITH SUBBURY® ELASTOMERIC™ SEALANT TO PREVENT CORROSION.
3. **Rule-Mate Bilge Pumps require a three way panel switch. You may use Rule Model 41, 43, or 45 three-way panel switch.**

TYPICAL THREE WIRE INSTALLATIONS

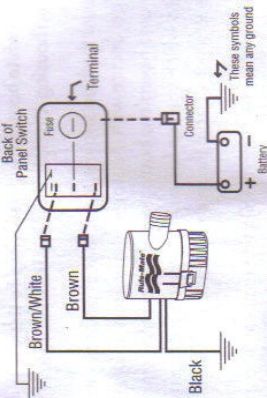
WIRING WITH RULE MODEL 41 THREE-WAY LIGHTED PANEL SWITCH



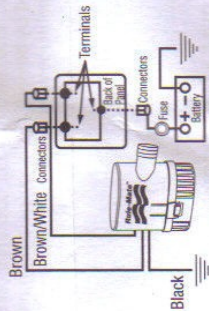
Note:
The brown wire is the automatic lead.
The brown/white wire is the manual lead.

WIRING CONT.

WIRING WITH RULE MODEL 43 THREE-WAY LIGHTED PANEL SWITCH



WIRING WITH RULE MODEL 45 THREE-WAY PANEL SWITCH — NO LIGHT



FUSE

Different fuse sizes are required for each model pump.
The chart below indicates the proper fuse size.

MODEL	CAPACITY	AMP DRAW (13.6v)	FUSE SIZE
RM-500	500 GPH	2.0 amps	2.5 amps
RM-750	750 GPH	4.0 amps	5.0 amps
RM-1100	1100 GPH	5.0 amps	5.0 amps

WARNING

Pump is not equipped with fuse. Always install the recommended fuse size in the (+) power line. Failure to install proper fuse could increase risk of pump malfunction potentially resulting in personal injury and/or fire hazards.

HOSE AND THRU-HULL

Rule-Mate 500 and 750 GPH pumps require 3/4" i.d. hose (Rule models 81 or 82). The Rule-Mate 1100 requires 1-1/8" i.d. hose (Rule model 80 or 83).

Rule-Mate 500 and 750 GPH pumps require a 3/4" thru-hull fitting (Rule model 61 or 61S). The Rule-Mate 1100 requires a 1-1/8" thru-hull fitting (Rule model 60).

Locate thru-hull fittings at least 12" above the water line to prevent water from coming back into the hull. On sailboats, mount the thru-hull high enough on the center of the transom to be above the anticipated water line.

PERFORMANCE DATA

RM-500	GPH @0' (0Kpa)	GPH@3.35' (10Kpa)	GPH@6.7' (20Kpa)
13.6 volts	500 (1893 LPH)	360 (1363 LPH)	230 (871 LPH)
12.0 volts	480 (1817 LPH)	310 (1173 LPH)	180 (681 LPH)

RM-750	GPH @0' (0Kpa)	GPH@3.35' (10Kpa)	GPH@6.7' (20Kpa)
13.6 volts	750 (2839 LPH)	560 (2120 LPH)	390 (1476 LPH)
12.0 volts	650 (2461 LPH)	480 (1817 LPH)	300 (1136 LPH)

RM-1100	GPH @0' (0Kpa)	GPH@3.35' (10Kpa)	GPH@6.7' (20Kpa)
13.6 volts	1100 (4164 LPH)	860 (3255 LPH)	600 (2271 LPH)
12.0 volts	1050 (3974 LPH)	720 (2725 LPH)	480 (1817 LPH)