



PERSONAL WATERCRAFT BILGE PUMPS

INSTALLATION INSTRUCTIONS

Model 25S-6WC - 500 GPH Fully Automatic Version

Model 25D-6WC - 500 GPH Non-Automatic Version

MOUNTING

- Disassemble as follows:
 - Press strainer base fingers inward to release body housing
 - Lift pump from base
- Mount black strainer with stainless steel screws. On fiberglass you may prefer to fiberglass a wooden block in place to which you can fasten the strainer. You may also adhere the strainer directly to fiberglass with Sudbury®Elastomeric Sealant. All surfaces must be dry and free of any gas, oil, or other contaminants.
- Reassemble as follows:
 - Align pump clasps to accept strainer base and press pump down to snap-lock in place.

NOTE: For side mounting on a vertical surface, use Rule Side Mount Bracket Model 66.

PLUMBING

- Use correct Bilge Pump Hose and Thru-Hull Fitting (see chart). Locate thru-hull fitting safely above waterline to prevent water from coming back into the hull.
- ROUTE THE HOSE CONTINUOUSLY UPWARDS FROM THE PUMP TO THE THRU-HULL FITTING. THE HOSE RUN SHOULD BE AS SHORT AND STEEP AS POSSIBLE.
 - This will help eliminate air pockets which can cause air-locking.
- Attach all hoses to pumps and thru-hull fittings with stainless steel hose clamps.

SPECIFICATIONS

MODEL	Output Open Flow (GPH) (LPH)	Output 3.35' (GPH) 1 m (LPH)	Output 6.7' (GPH) 2 m (LPH)	Thru Hull &Hose Size	Fuse Size (Amps)
25D-6WC (12 v)	500 1890	360 1363	260 984	3/4" 19 mm	2.5
25S-6WC (12 v)	500 1890	360 1363	260 984	3/4" 19 mm	2.5

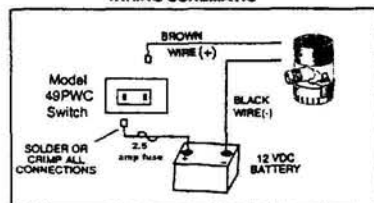
NOTE: Output is based on 10 hour break-in period, and at 13.6 v (12 v models).

ELECTRICAL

- Connect BROWN pump wire (+) to the positive side of the battery.
- Connect BLACK pump wire (-) to the negative side of the battery.
- It is suggested that the BROWN pump wire be connected directly to the ignition so that the pump will be operating whenever the PWC is in use. On the Non-Automatic Pump (Model 25D-6WC), the pump will then be running continuously when the PWC is on. On the Fully Automatic Pump (Model 25S-6WC), the pump will be in its 20 second cycling mode and will continue to run if water is detected.
- If a panel switch is desired, use an on/off toggle switch (Rule Model 49PWC). The on/off panel switch allows the pump to be turned off on demand.
- Install a 2.5 amp fuse somewhere in the BROWN (+) positive wire somewhere between the pump and the battery.

NOTE: Keep all wire connections above highest possible water level. Seal all wire connections with Sudbury® Elastomeric Sealant to prevent corrosion.

WIRING SCHEMATIC



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