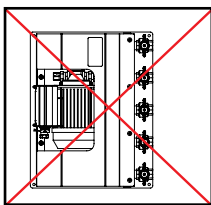
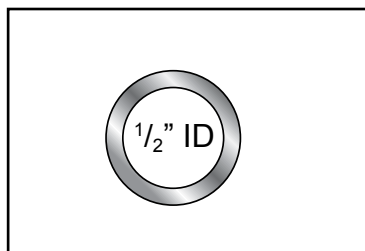


GP-800 Series

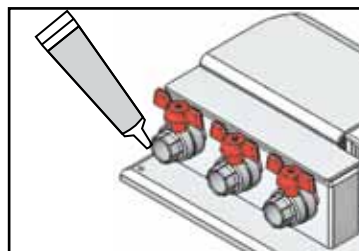
Installation



1. Unit can be mounted in multiple directions, except for shown above with the pump head above the motor.



2. Connect hoses to the valves and the fill discharge fitting. A minimum 1/2" ID is recommended.



3. Use a back up wrench to hold the valves from rotating when installing the hose fittings. Apply a compatible pipe sealant to all connections. (Loctite 565 or equivalent)

Electrical Connection

The electrical installation of this product must be executed by a qualified marine electrician and following the ABYC requirements. Be sure that the power source available matches the power requirements on the spec sheet for this product model. This system needs to be securely grounded. Please check the ground efficiency after the installation is complete.

System Priming

To initiate suction and avoid unnecessary wear on the pump by running them dry, it is necessary to prime the pump before initial use. Once the system is primed, this procedure does not have to be repeated again. The residual oil in the manifold and lines is sufficient to prime and lubricate the gears for subsequent use.

To to prime the system:

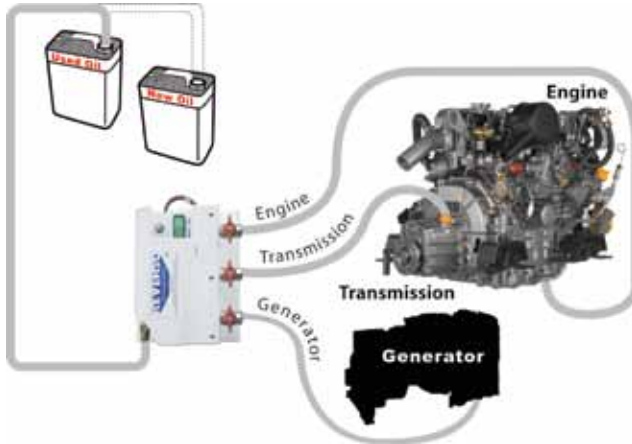
1. Pour a small amount of liquid to be pumped (about 3 oz.) into the fill/discharge hose.
2. Open one valve on the manifold.
3. Place the fill/discharge hose in a container of new oil.
4. Operate the pump for a few seconds to draw this liquid into this line. (Pump toward the engine)
5. Repeat steps #2 - #4 for each valve on the manifold.

Warning

Care must be taken not to operate the pump with either the suction or discharge sides closed. Ensure that one valve is open prior to starting pump operation. Pumps can generate extremely high pressures which can damage plumbing and/or the pump.

GP-800 Series

Operation



1. Place drain hose from the oil change system unit into your waste bucket.
2. Open manifold drain valve - you'll have the choice to draw from the engine, transmission, or Gen-Set (unit comes with labels to indicate source).
Only open one valve. The unit is not designed to pull from more than one valve at a time.
3. Move the switch to Drain position to move oil to the waste bucket.
Do not leave pump unattended. This could result in running the pump completely dry and/or overfilling and spilling oil.
Once flow has stopped, turn the unit off.
Repeat process with other valves for additional locations.
4. Remove the hose from the waste bucket; place it in the new oil bucket.
5. Move the switch to the fill position to refill the system with appropriate fluids one valve at a time.
Close valves once finished.

Troubleshooting

- Ensure all connections have been properly tightened.
- Correct wiring and voltage.
- Verify fittings, valves, and hoses, have the correct I.D. (inner diameter).
- Only open one valve at a time to drain and fill oil.