

Gear Pump 311 AC

Basic Features

- Self-priming
- For diesel, oil, or water
- 110V, 60Hz or 220V, 50Hz
- Outlet cable for electrical connection
- Ports 3/8" male NPT

Optional Features

- On/Off Switch (S)
- Reversing Switch (R) in 110V only

Fluids

This pump is not designed to pump gasoline.
The motor is NOT ignition protected.

Installation

1. This pump system can be mounted in the suggested orientations above except with the pump above the motor.
2. Use a minimum 1/2" ID hose for all suction and discharge plumbing.
3. Apply thread sealant (Loctite 565 or equivalent) to all fittings installed on adapters. Do not remove the fittings that come installed on the pump head.

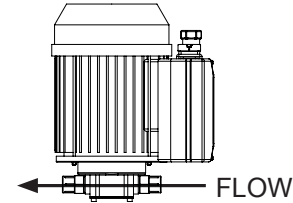
Electrical Connection

Be sure that the power source available and wire size matches the power requirements on the spec sheet for this product model.

Note: Care should be taken not to operate the pump with either the suction or discharge sides closed. Ensure that all system valves are open prior to pump operation.

Flow Direction

Applies if pump is without a switch or pump has on/off switch (S). Does not apply if pump is equipped with reversing switch (R).



System Priming

To avoid unnecessary wear on the gears 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.

To prime the system:

1. Pour a small amount of liquid to be pumped (about 3 oz) into the suction hose.
2. Operate the pump for a few seconds to draw this liquid into the pump.