

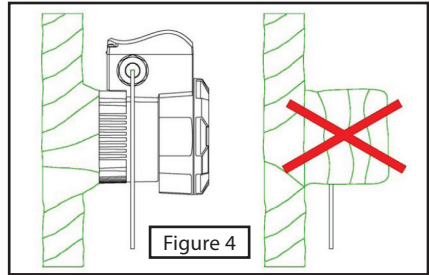
Wet Rotor Circulator Pumps

Installation

It is recommended that the isolation valves be installed on each side of the pump. If possible, do not install elbows, branch tees, and similar fittings before or after the pump. Provide support to the pump or adjacent plumbing to reduce thermal and mechanical stress on the pump.

Installation Requirements

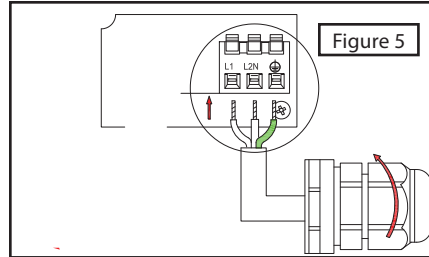
1. Thoroughly clean and flush the system prior to pump installation.
2. Do not install the pump at the lowest point of the system where dirt and sediment collect.
3. Install an air vent at the high point(s) of the system to remove accumulated air.
4. Ensure that water does not enter the terminal box during the installation.
5. (Closed System) install a safety relief valve to protect against temperature and pressure build-up.
6. **IMPORTANT ! - IF THERE ARE EXCESSIVE SUSPENDED PARTICLES, INCLUDING RUST, IN THE WATER, IT IS RECOMMENDED THAT A STRAINER AND/OR FILTER BE INSTALLED AND CLEANED REGULARLY.**
7. **DO NOT START THE PUMP UNTIL THE SYSTEM HAS BEEN FILLED.**



Thermal Insulation:

Pump body and pipeline should be thermally insulated to reduce heat loss. (See Figure 4)

Do not isolate or cover the junction box and control panel.



Electrical:

Wire the hot lead to terminal "L", neutral wire to terminal "N", and ground to the grounding terminal. Grounding must be in accordance with the National Electrical Code and State and Local codes. The ground wire should be copper conductor and a minimum 14 AWG.

