



“FIREWATER” PUMP INSTALLATION INSTRUCTIONS

SINGLE PHASE

1. Select a location where the floor is level for pump installation. Be sure you will be able to connect the supply line from your water supply to the pump suction while maintaining positive head pressure on the pump. Pump will not self-prime. Suction pipe should be straight for a minimum of 18” before the connection point on the pump to reduce turbulence.
2. Install a full flow valve in the suction line for service use. We suggest that this valve be supervised. We also recommend the installation of a “Fernco” type flexible coupling in the suction line to reduce vibration. Do not over tighten your fittings attached to the cpvc tank adapters. A bit beyond hand tight will accomplish a good seal. If you over tighten you will run the risk of breaking the through wall adapter.
3. Anchor the pump pad securely to the floor to prevent movement. Double check alignment, and be sure the unit is level.
4. Connect pump discharge to your system inlet. We suggest you pipe in a valve controlled bypass, or “test loop” for routing water back into the tank. If you have purchased an “AquaFlex” tank from Firewater Systems, you may connect to the overflow port.
5. Connect electrical wiring to pump controller from a 230v/or 115v (see motor label) electric source with a ground wire and neutral leg. Additional breakers are to be sized above the controller breaker, if one is necessary. Follow interior wiring as depicted on inside of controller door.
6. Upon completion and safety check of above you may turn the power on to the pump and “bump” the motor to check for proper rotation. If rotation is incorrect check to see that your connection to “T1” and “T2” terminals are tight. Reverse them if rotation is backwards.
7. Pump is equipped with separate two leg flow switch to accommodate in-house alarm systems if desired.