

General Installation Instructions

Before you install:

- Ensure water pressure is below 80 PSI and temperature is below 110°F.
- This system is not designed for critical applications or areas with potential health risks.
- Do not use the system with hydrocarbon-contaminated water (gasoline, kerosene etc.).
- Avoid using lubricants on the unit except for a light silicone application on specific O-rings.

Installation Do's and Don'ts:

- **Do:** Tighten nuts and caps by hand or with the plastic wrench. Use pliers only if necessary.
- **Don't:** Use pipe wrenches, screwdrivers, or sealants on threads (except Teflon tape for specific fittings).
- **Do:** Reset electronics by unplugging and replugging the power source after valve maintenance.
- **Don't:** Expose the drain line flow control fitting to heat from soldering nearby pipes.

Plumbing Requirements:

- Follow all local plumbing codes.
- Minimum drain line size is ½ inch. ¾ inch required for high flow rates (>7 gpm) or long runs (>20 ft).
- Let soldered joints cool completely before attaching control valve fittings.
- Avoid contact between solvent cement and O-rings, split rings, or valves.

Electrical Connections:

- Follow local electrical codes and use an uninterrupted outlet.
- Install a grounding strap on metal pipes as per local codes.

Additional Notes:

- Flexible connectors are recommended for all systems.
- Install a vacuum break to prevent damage caused by vacuum conditions (including on drain lines below 5 feet).
- Protect the system from water damage, freezing, hot water, excessive pressure/vacuum, and other potential hazards. Consider using check valves, expansion tanks, pressure reducers, backflow preventers, etc., as advised by a licensed plumber.

