



# NITRO VALVE INSTALLATION AND OPERATION

**Important:** Flush the supply lines completely before installing valves.

- A.** For threaded models wrap male adapters with 2 wraps of Teflon tape and thread the adapters into the valve inlet and outlet 1 turn past hand tight. **CAUTION:** Over tightening may cause damage to the valve.
- B.** For slip models apply a thin coating of solvent cement to the outside of the supply line and the valve inlet. Twist the valve fully onto the supply line to evenly spread the cement. Repeat these steps for the outlet connection. The solenoid must be on the downstream side of the connection.
- C.** For barbed models slip one or two clamps over the poly pipe. Slip the poly pipe completely over the barbed outlet. Clamp the poly pipe securely to the barb.
- D.** Using watertight connectors, connect the valve common and an individual station wire to the solenoid leads.
- E.** Flush the laterals by opening the internal manual bleed lever on the downstream side of the solenoid. Turn the flow control stem fully open (counterclockwise) for flow control models.
- F.** Close the internal manual bleed after flushing the system.

