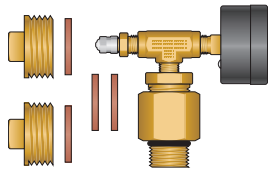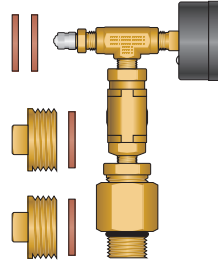# Instructions for Testing
Pressure Test Kits #79935 & #79965

79935

- 2 - 1" brass plugs
- 4 red rubber gaskets
  (1 per plug, 2 extra gaskets included)
- 1 pressure test assembly

79965

- 2 - 1" brass plugs
- 4 red rubber gaskets
  (1 per plug, 2 extra gaskets included)
- 1 pressure test assembly

The valve allows the gauge to be 'zeroed' and demonstrate the system is under pressure.

1. The gauge is recommended for air tests; take appropriate measure to prevent corrosion if using for hydrostatic tests; in cold environments, a hydrostatic test must be properly freeze protected before testing.
2. For the purposes of air testing, replace the automatic air vent with the manual air vent. Install the pressure test gauge on the supply manifold at either of the 2 indicated locations (not all manifolds will support installation at hose bib location).

   Caution: *The gauge has a running thread with o-ring seal. Do not use dope or teflon tape on threads.*

3. Sealing manifold end connections:
   a. **TwistSeal® (55 mm):** Use 1" Brass plugs with standard thread sealant (not included).
   b. **TwistSeal® Mini (40 mm):** Use 1" Brass plugs with Red Rubber Gaskets (1 per plug, 2 extra gaskets included).
   c. **Do not** overtighten (Gasket can shear)
   d. **Do not** add dope or teflon tape to threads.
   e. **Stainless Steel:** close shut-off valves.

   Note: the fiber gasket provided with mainfold assembly kit should not be used with an air test

Note: *To remove flow meter first pop off red collar with a flat head screwdriver, then remove flow meter with a 24mm wrench or deep socket. When replacing the flow meter do not over-tighten as this may damage the O-ring.*

4. For the pressure test use:
   Air pressure: 60-80 psi (415-550 kPa)
   Hydrostatic pressure: 80-100 psi (550-690 kPa)[see 1]
5. This test must be performed for a minimum of 12-24 hours before the placement of the topping.
6. Special care must be taken to check and re-tighten all joints and connections. During the pouring of the topping the pipe must be left under pressure so that possible damage to the pipe can be immediately detected.
7. Replacement Gaskets (Stk.# 79953) can be ordered from HeatLink through your local wholesaler.
   Note: Be aware of how temperature can affect air tests.
   Rising air temperature increases pressure, falling air temperature decreases pressure.
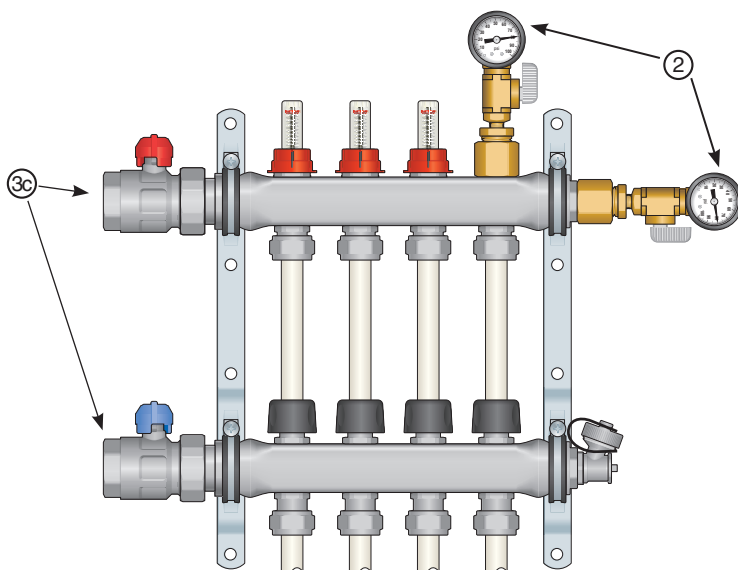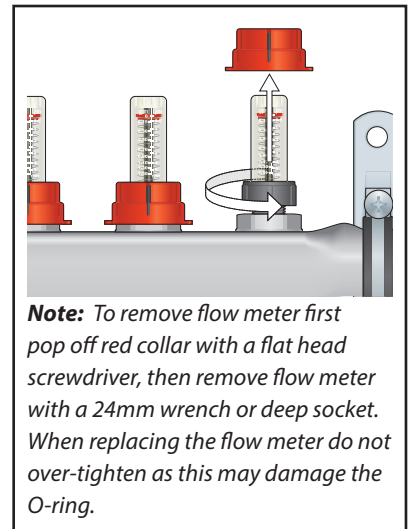
76104 Stainless Steel Manifold shown with 79965
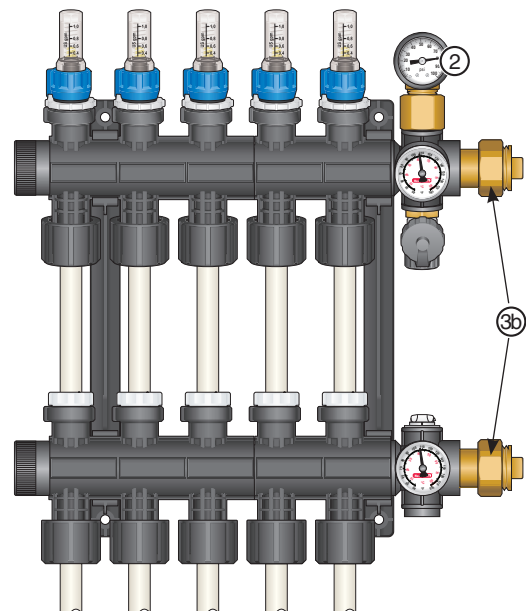
TwistSeal® Mini Multiport (40 mm) Deluxe shown with 79935