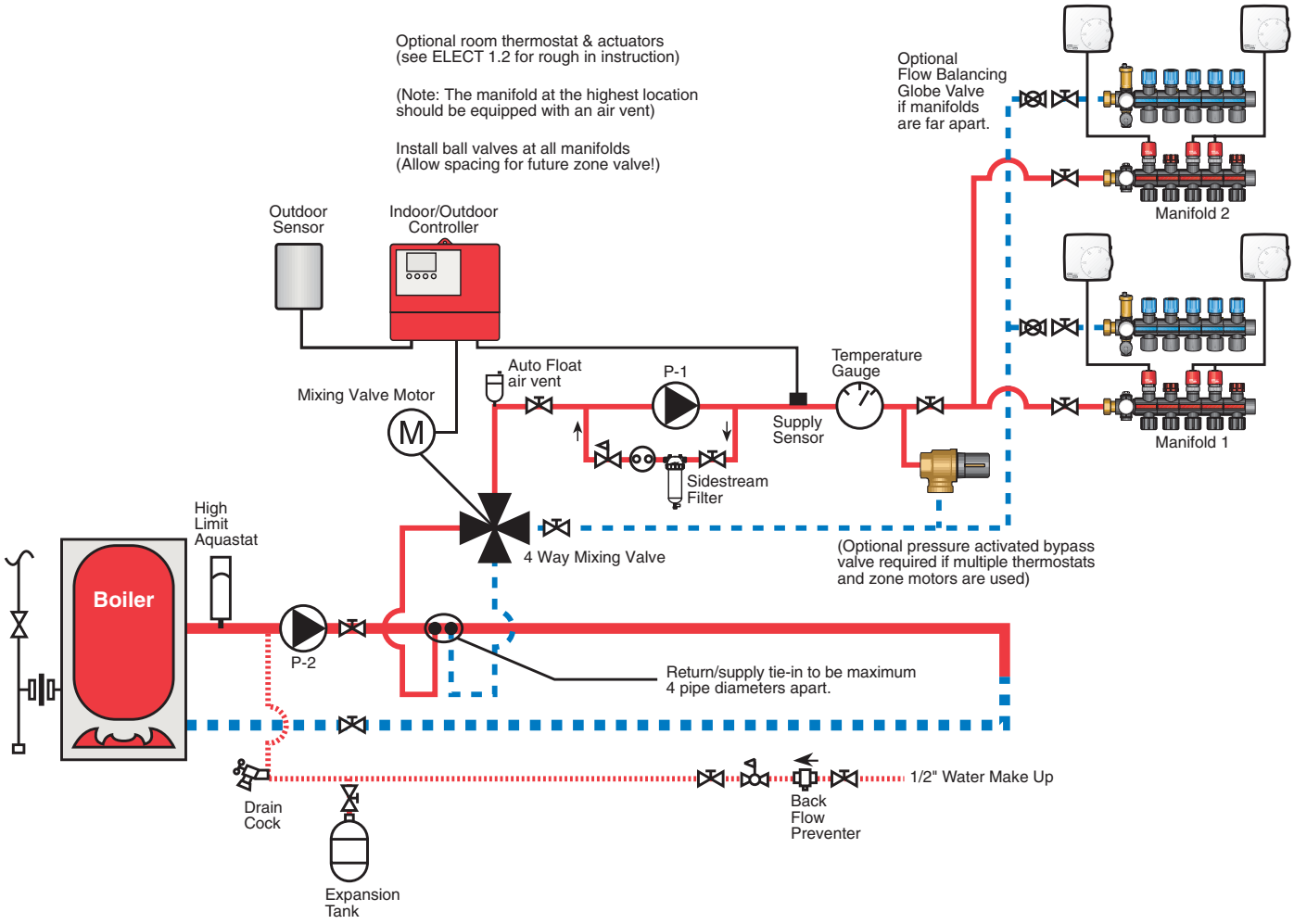
Application: **4-Way Mixing**

Cast iron high mass boiler c/w 1 circuit
(one low temp. circuit - fully automatic modulating water temp. for floor heating)



Note:

- Air vents, expansion tanks, pressure relief valves etc. For boiler as per local codes.
- Drawings are for HeatLink® suggested system layout only. User must determine if system layout will work for their particular application!
- Use isolation ball valves for all circuits and components.

Control Sequence:

- Indoor/outdoor control unit provides primary control for the HeatLink® radiant floor system. By correlating outside air temperature, supply water temp. & (optional) room temperature, the control unit then activates the 4-way mixing valve motor which in turn modulates the supply water temperature to the floor. Secondary control is provided by individual room thermostats operating actuators. (See ELECT 1.2)
  (For rough-in wiring instructions using StatLink® controls see ELECT 1.8)
- Boiler to fire either: 1) independently on its own operating controls or 2) by activation through a relay of the indoor/outdoor controls. Application to use option (____).
- Primary pump (P-2) to be wired to be wired through a relay which will be activated by the indoor/outdoor controller.
  (See ELECT 5.1 For schematic).
- Pumps (P-1, P-2) to be wired directly with their own disconnect switches. System pump P-1 to operate either: 1) continually or 2) by activation through a relay of the indoor/outdoor controller (see ELECT 5.1)
  For this particular application P-1 & P-2 to operate as per option (_____).