

Single Elite Heating Boiler® Space Heating with Indirect Priority

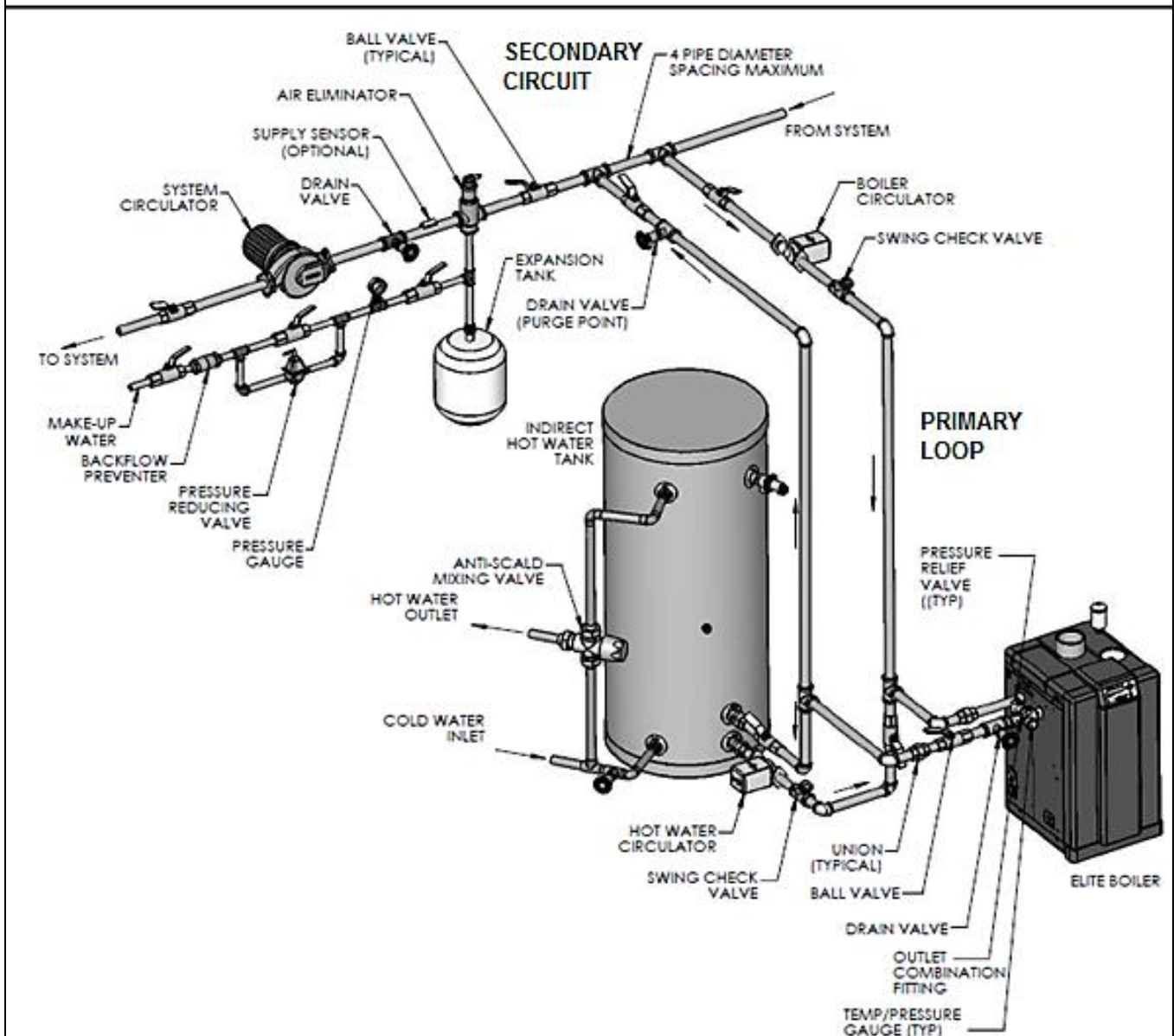


Figure 6 – LP-293-L NOTES:

1. This drawing is meant to show system piping concept only.
2. A mixing valve is recommended if the DHW temperature is set above 119°F.
3. Install a minimum of 12 diameters of straight pipe upstream of all circulators.
4. Piping shown is Primary/Secondary.
5. System flow (secondary loop) should be greater than the boiler primary loop flow. In all cases, the boiler primary loop flow rate must be maintained above the minimum flow rates published on p. 28, this manual.
6. Installations must comply with all local codes.
7. In Massachusetts, a vacuum relief valve must be installed in the cold water line per 248 CMR.

Cascade Multiple Elite Heating Boiler® with Indirect Priority on One Boiler

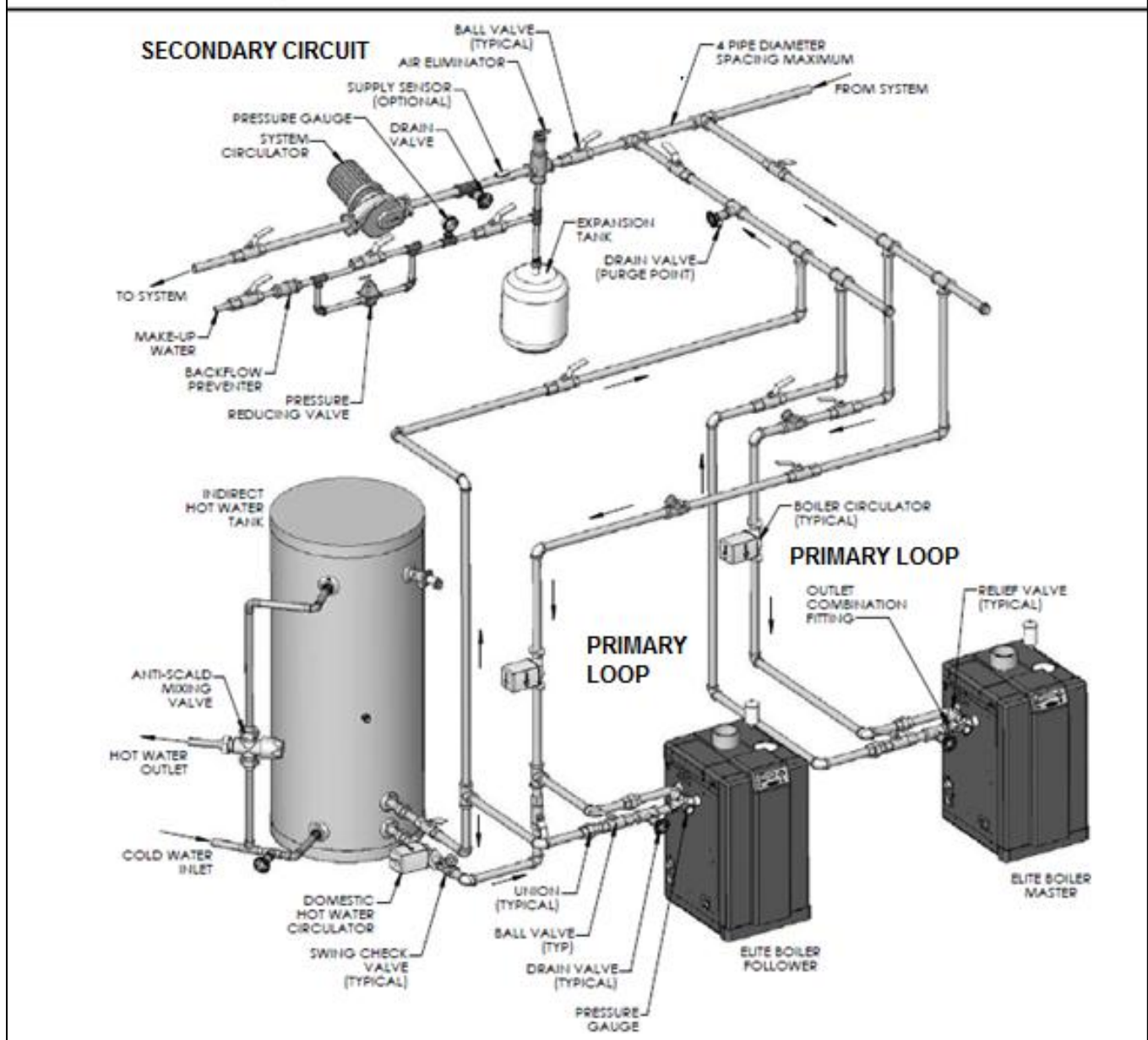


Figure 7 – LP-293-Q

NOTES:

1. This drawing is meant to show system piping concept only.
2. A mixing valve is recommended if the DHW temperature is set above 119°F.
3. Install a minimum of 12 diameters of straight pipe upstream of all circulators.
4. Piping shown is Primary/Secondary.
5. System flow (secondary loop) should be greater than the boiler primary loop flow. In all cases, the boiler primary loop flow rate must be maintained above the minimum flow rates published on p. 28, this manual.
6. Installations must comply with all local codes.
7. In Massachusetts, a vacuum relief valve must be installed in the cold water line per 248 CMR.
8. Reference Figure 10 to determine manifold pipe sizing.

Single Elite Heating Boiler® Space Heating

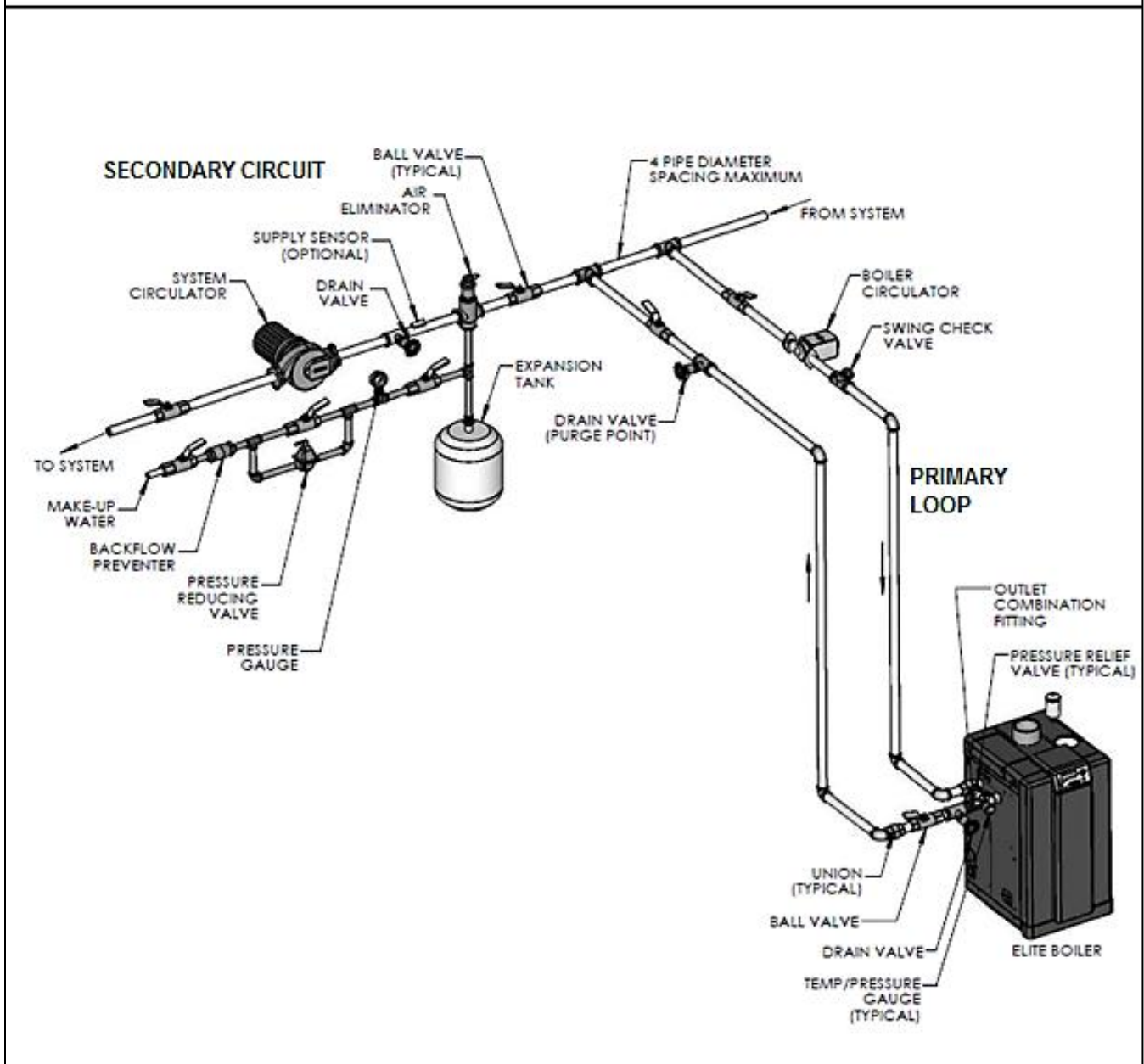


Figure 8 – LP-293-O

NOTES:

1. This drawing is meant to show system piping concept only.
2. Install a minimum of 12 diameters of straight pipe upstream of all circulators.
3. Piping shown is Primary/Secondary.
4. System flow (secondary loop) should be greater than the boiler primary loop flow. In all cases, the boiler primary loop flow rate must be maintained above the minimum flow rates published on p. 28, this manual.
5. Installations must comply with all local codes.

Cascade Elite Heating Boilers® Space Heating Only

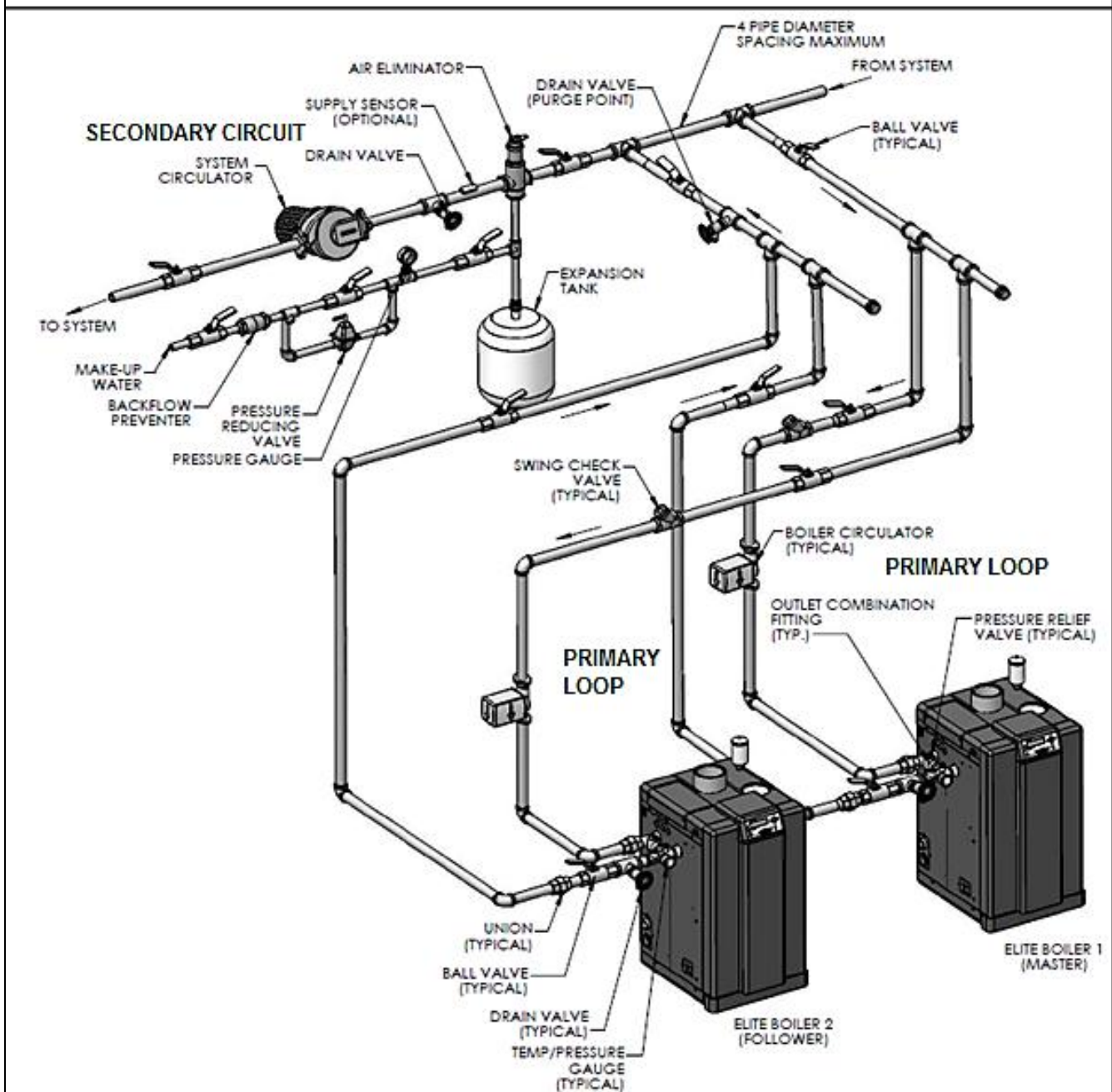


Figure 9 – LP-293-P

NOTES:

1. This drawing is meant to show system piping concept only.
2. Install a minimum of 12 diameters of straight pipe upstream of all circulators.
3. Piping shown is Primary/Secondary.
4. System flow (secondary loop) should be greater than the boiler primary loop flow. In all cases, the boiler primary loop flow rate must be maintained above the minimum flow rates published on p. 28, this manual.
5. Installations must comply with all local codes.