

LTV VALVE APPLICATION INSTRUCTIONS FOR LOW TEMPERATURE PROTECTION FOR MODELS: PB 2500 - 5000

⚠ WARNING

For an appliance already installed, you must turn off gas supply, turn off power, and allow appliance to cool before proceeding. Components may be **HOT!** Failure to comply could result in severe personal injury, death, or substantial property damage.

List of kit components

Kit Part No.	Model No.	Part No.	Component Description
100275912	PB 2500 - 5000	100272565	Valve, Mixing, 4"
		100276198	Instruction Sheet

Maintenance instructions

The LTV valve is maintenance free. It does not require regular cleaning or calibration. The 4" valve has flanged connects which allows removal.

If the valve becomes unable to maintain a consistent inlet water temperature of 125°F during steady state firing conditions, replace the valve or the wax element inside the valve.

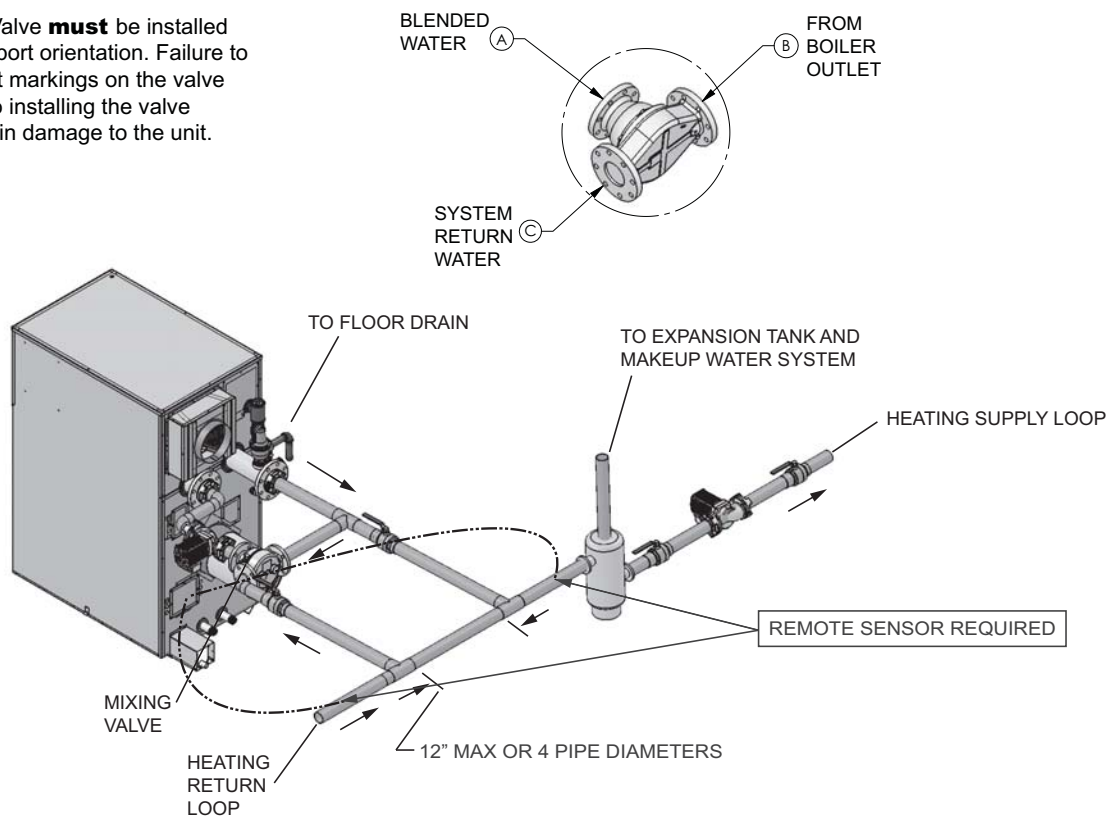
⚠ WARNING

The recommended maximum high temperature to the valve should be 175°F; the absolute maximum is 195°F.

Typical piping application:

Figure 1 Primary/Secondary Piping of a Single Boiler

Caution: Valve **must** be installed with proper port orientation. Failure to observe port markings on the valve body prior to installing the valve could result in damage to the unit.



NOTES:

- 1) Unit(s) high limit must be set at max.
- 2) Inlet and outlet connections to the boiler are shown for reference only. Actual connections may vary from those represented here. Consult the Installation and Operation Manual for actual locations.
- 3) Unit(s) pump should operate only during firing periods.

DIR# 2000535009 00

NOTICE

*Please note that these illustrations are meant to show system piping concept only, the installer is responsible for all equipment and detailing required by local codes.

