RELIEF VALVE PIPING
Supplemental Installation Instructions

IMPORTANT: THIS MANUAL MUST BE KEPT NEAR THE BOILER FOR FUTURE REFERENCE!!

WARNINGS AND SAFETY SYMBOLS

⚠ DANGER

Indicates an imminently hazardous situation which, if not avoided, WILL result in death, serious injury or substantial property damage.

⚠ CAUTION

Indicates an imminently hazardous situation which, if not avoided, may result in injury or property damage.

⚠ WARNING

Indicates an imminently hazardous situation which, if not avoided, may result in death, serious injury or substantial property damage.

NOTICE

Indicates information which should be followed to ensure proper installation and operation.

NOTICE

The following instructions are to be used with the IOM received with your boiler and are supplemental to the "Supply and Return Piping " section.

⚠ WARNING

To avoid burns, scalding, or water damage due to discharge of steam and/or hot water during operation, a discharge line shall be installed to relief valve outlet connection.

The discharge line shall:

- **connect to relief valve outlet and piped down to safe point of disposal.**
- **be of pipe size equal to or greater than that of the relief valve outlet over the entire length of discharge line;**
- **have no intervening shutoff valve between safety relief valve and discharge to atmosphere (do not plug or place any obstruction in discharge line.**
- **terminate freely to atmosphere where any discharge will be clearly visible and at no risk of freezing;**
- **allow complete drainage of the valve and the discharge line;**
- **be independently supported and securely anchored to avoid applied stress on the relief valve;**
- **be as short and straight as possible;**
- **terminate with plain end (not threaded);**
- **be constructed of material suitable for exposure to temperatures of 375° F;**
- **or greater.**

Refer to local codes and appropriate ASME Boiler and Pressure Vessel Code for additional installation requirements.

P/N #240008309, REV A [12/2009]

Relief Valve and Discharge Line Piping Installation

Install relief valve on pipe nipple in tapped boiler opening. Pipe the discharge line following guidelines in the preceding Warning. Refer to examples shown in Figures 1 & 2.

The discharge line pipe size shall be equal or greater than that of the relief valve outlet over the entire length of discharge line with no intervening shutoff valve between the safety relief valve and discharge to atmosphere.

The discharge line shall terminate with a plain end (not threaded) to atmosphere where any discharge will be clearly visible and is at no risk of freezing.

The discharge line shall be independently supported to avoid applied stress on the relief valve. The installation shall allow complete drainage of the relief valve and the discharge line.

The discharge line shall be as short and straight as possible and constructed of material suitable fore exposure to temperatures of 375° F, or greater.

Refer to local codes and appropriate ASME Boiler and Pressure Vessel Code for additional installation requirements.

Figure 1

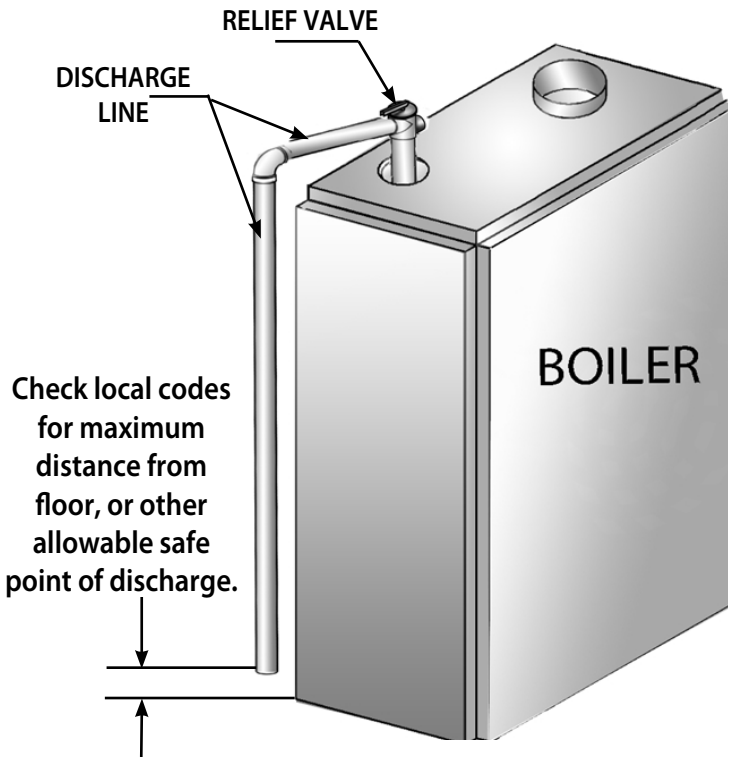
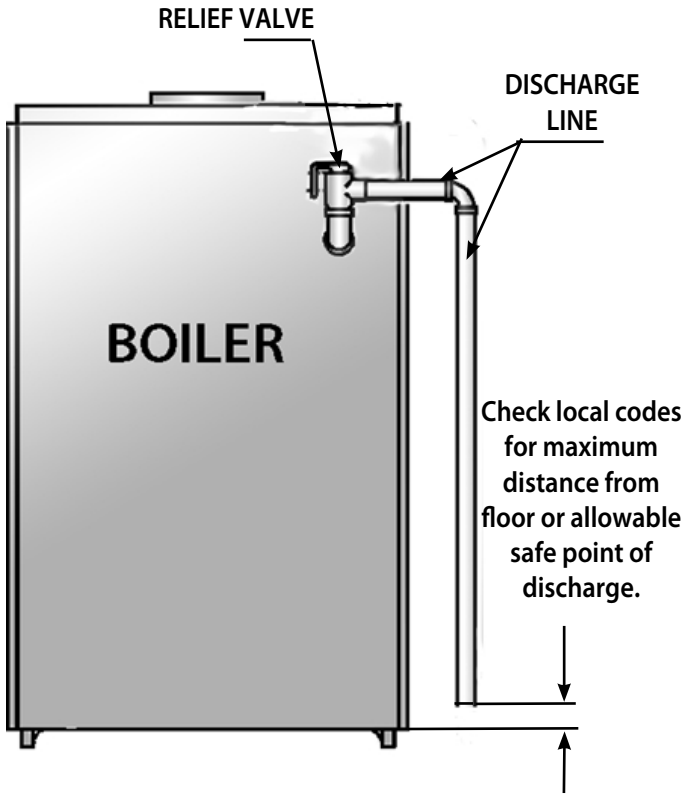


Figure 2



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