

STEFFES CORPORATION

Pressure Relief Valve Assembly Schematic

For use with Models 5120, 5130, 5140, 7120, 7130 and 7140

Comfort Plus Hydronic Heating Systems

Item #1041754 – 5100 VALVE PRESSURE RELIEF ASSY (30 PSI)

Item #1047154 – 7140 VALVE PRESSURE RELIEF ASSY (75 PSI)

THIS PROCEDURE MUST BE PERFORMED BY A QUALIFIED TECHNICIAN.

IMPORTANT

Avoid excessive heat while soldering this connection. Damage to the output water temperature sensor can occur if overheated. This sensor must NOT be exposed to temperatures above 360°F (180°C). If soldering in a manner which may heat the sensor to a temperature higher than 360°F (180°C), remove the sensor before soldering and re-install after joint has cooled.

Assembly Instructions:

1. Soldering and thread sealing materials must be suitable for high temperature use.
2. Follow instructions on pressure relief valve tag.

Available Pressure Relief Valves	Minimum BTU Rating	Maximum Operating Pressure
30 PSI (Order Item #1100104)	400,000	20 PSI
75 PSI (Order Item #1100105)	500,000	60 PSI

Note: 5100 Series Systems are shipped with 30 PSI pressure relief valves. 7100 Series Systems are shipped with 75 PSI pressure relief valves. If a different valve is required order the item number listed above.

