

SOLAR HOT WATER SYSTEM PROTECTION VALVE

SOLAR COLLECTOR & EXPOSED PIPING PROTECTION SOLUTION

Protect your solar hot water heating system from the two major causes of damage; freeze & pressure, with one simple valve. The Vernatherm solar hot water system protection valve acts as two separate functioning valves; a freeze protection valve and a pressure relief valve.



Pressure Relief

When your system approaches a range of internal pressure that can damage your system, this valve opens and automatically reduces the internal pressure to a safe operating level preventing any pressure damage.

Thermal Relief

Keep your solar collectors and exposed pipes from freezing with these hybrid valves. These special Vernatherm products contain thermal actuators that open the valve when the temperature approaches freezing and closes upon temperature warm up. This continuous process of modulation; discharging near freezing water and replacing warmer water safely prevents panels and plumbing from freezing.

Our valves have patented features which prevent seizing of the thermal actuators; a common problem among other protection valves offered by our competition.

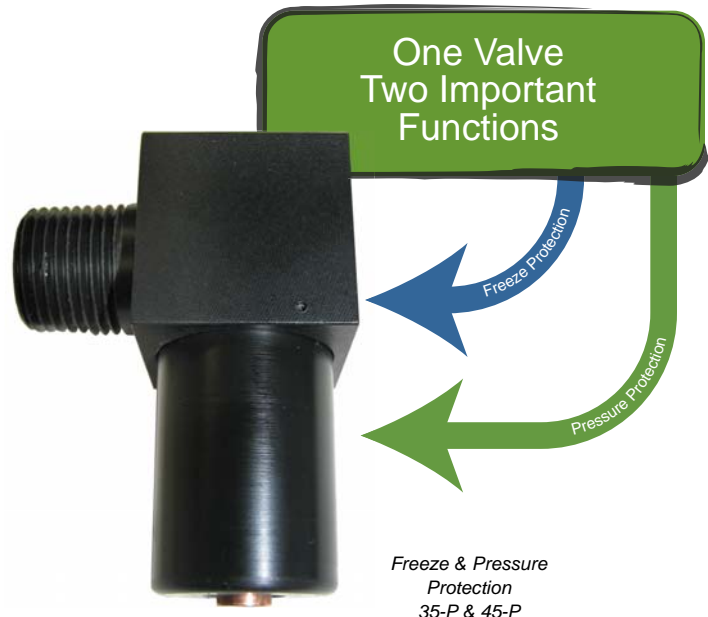
Product Features

- Pressure relief @ 100 PSI
- Discharge temperature set to 35F and 45F
- Internal filter screen to keep the valve mechanics clean
- UV stabilized body material
- FDA & NSF listed materials
- 150 PSI maximum operating pressure
- Complete mechanical operation
- Small size for easy install
- Tamper resistant design
- Corrosion resistant materials
- Anti-insect discharge port
- Anti-seize feature ensuring longevity & durability

Freeze Protection Valves with Pressure Regulation

For those needing freeze protection and pressure regulation; these valves function as a separate pressure relief valve to eliminate dangerous pressure buildup.

- Part # 35-P - Discharge Temp 35F w/ Pressure Relief
- Part # 45-P - Discharge Temp 45F w/ Pressure Relief



WARNING: Do not expose valves to temperatures above 300F (148.8c) as this may damage the valve.