

FP35 / 45 Series

Freeze Protection Valve

Robertshaw



Description

The Robertshaw® FP35/45 Series Freeze Protection Valve is designed to prevent solar collectors and exposed pipes from freezing. The valve operates without any electrical power or sensors. When temperatures decrease and water in the solar panel nears the freezing point, the valve gate typically opens, enabling the liquid to spill and to be replaced by warmer water. When warmer water enters, the valve gate closes, interrupting water removal.

Features and Benefits

- Prevents solar collectors and exposed pipes from freezing.
- Easily installed on existing systems.
- Ideal for backup freeze protection.
- Anti-siphon and alternate discharge port.
- High temperature U.V. stabilized body material.
- ½" brass male pipe thread inlet port for positive seal.
- Standard low lead brass.

Applications

- Solar power

Specifications

Nominal start-to-open water temperature:

FP-35: 38°F (3.33°C)

FP-45: 43°F (6.11°C)

Maximum operating pressure: 125 PSI

Inlet size: ½" brass MPT

Outlet size: ¼" plastic pipe or 5/8" ID hose

1 Year
Limited
Warranty

Robertshaw
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