

- Scald and Freeze Protection Valves Complement Thermostatic Mixing Valves
- Scald Protection Valves Activate at 85°F (30°C); Freeze Protection Valves Activate at 45°F (7°C)
- Scald Protection Valves Protect End User in Warm Climates; Freeze Protection Valves Protect Pipes from Bursting

Specifications

Scald protection kits are intended for use where there is a risk of injury to an end user caused by elevated water temperature. The valve begins to bleed the warm water at 85°F (30°C) and is fully open at 100°F (38°C). Combination units require both the S45-1989 and the S45-1990 for scald protection.

Freeze protection kits are intended for use where there is a risk of water freezing in the pipes. The valve begins to bleed the cold water at 45°F (7°C) and is fully open at 35°F (2°C). Combination units require both the S45-1986 and S45-1987 for freeze protection.

- To prevent standing water or an ice patch hazard, a discharge hose or piping should be connected to the unit to funnel the discharge away from the unit. Maximum pressure rating is 200 PSI.
- The valve is installed at a low point where the water will tend to be static or "dead leg." When installing a valve, point the valve downward to allow for drainage. For combination scald/freeze valve installation, the freeze valve is always connected closest to the ball valve.

Standard Equipment

Scald/Freeze Protection Valve

The scald/freeze protection and ball valves are made of brass casting. Valves are 1 1/8" in diameter and 5 1/4" long. Both inlet and outlet valves are 1/2" NPT. The freeze protection ball valve has a hole drilled on one side to allow the ball to bleed out.

Water Supply

1/2" or 1" NPT.

Model	Description
<input type="checkbox"/> S45-1990	Scald Protection for Drench Showers
<input type="checkbox"/> S45-1987	Freeze Protection for Drench Showers
<input type="checkbox"/> S45-1989	Scald Protection for Eyewashes
<input type="checkbox"/> S45-1986	Freeze Protection for Eyewashes

