

Electric Water Heater Safety Valve

This safety valve increases water resistance and decreases voltage in case of electricity leakage, protecting water heater users. It combines safety valve functions such as pressure relief and drain contamination.



Product Overview

Advanced Safety Protection

This advanced safety valve is designed specifically for electric water heaters to enhance user safety through integrated electrical leakage protection. By increasing water resistance, the device effectively decreases voltage in the event of electricity leakage. It consolidates multiple functions, including pressure relief and contamination drainage, into a single, reliable assembly that simplifies installation and reduces maintenance costs.

Technical Specifications

Category	Safe-care safety Valve
Application	Electric water heater inlet and outlet.
Connection Size	G1/2-G3/4
Material	Alloy copper, Plastic
Finishing	Chrome-plating
Assemble Height(mm)	110
Weight (±3)g	302
Advantage	<ol style="list-style-type: none"> 1. Safe Care is an advanced device, which can increase water's outlet flowing path, thus to increase the water resistance, decrease the voltage if there is any electricity leakage in the water, thus to protect water heater users. 2. Combines Safety Valve with multi-functions, such as pressure relief, Safe Care, drain contamination; 3. Preventing missing installation of important parts. 4. Saving parts, installation and after sale service's cost, better control of parts' quality.

Engineering diagram illustrating the safety mechanism and connection points.

Connection Size	G1/2-G3/4
Assemble Height	110 mm
Product Weight	302 g
Pressure Rating	0.7 MPa

Construction & Materials

Materials Used	Alloy copper, Plastic
Surface Finishing	Chrome-plating

Key Features

Core Advantages

- Integrated electrical leakage protection
- Pressure relief functionality
- Drain contamination system
- Prevents missing parts during installation
- Reduces installation and after-sale service costs