

Anti-Limescale Safety Valve for Water Heaters

This anti-limescale safety valve protects water heaters from limescale buildup while maintaining safe pressure. It features integrated filtering and a corrosion-resistant body.



Overview

Advanced Anti-Limescale Safety Solution

This innovative safety valve is specifically engineered for pressure-bearing containers like water heaters and commercial dispensers. It combines essential pressure relief functions with a patented anti-scale design to prevent blockage and extend equipment life. Constructed from high-quality forged brass with a chrome-plated finish, it offers a durable, explosion-proof solution that is easy to install without the need for raw tape.

Key Performance Metrics

Physical Specifications

86 mm

Assemble Height

202 g

Weight

Technical Details

Category	Anti-limescale safety valve
Connection Size	G1/2
Material	Alloy copper, Plastic
Finishing	Chrome-plating
Assemble Height(mm)	86
Weight (±3)g	202
Function	Integrated filtering, anti-scale, removing iron fillings and pressure maintaining and pressure relief functions.
Application	Pressure-bearing containers, such as inner tank water heaters, commercial water dispensers, etc.

Detailed technical specifications and material composition for the G1/2 safety valve.

Finishing

Chrome-plating • Electroplated

Connection Size

G1/2

Materials

Alloy Copper, Plastic, Selected Brass

Functional Features

Core Functions

- Integrated filtering for iron filings
- Anti-scale buildup prevention
- Pressure maintenance
- Pressure relief
- Explosion-proof safety

Installation & Design

Design Advantages

- Patented end face sealing
- No raw tape required for installation
- High temperature forging
- Quick and convenient setup

Application

Target Applications

Inner Tank Water Heaters, Commercial Water Dispensers, Pressure-bearing Containers

Quality Assurance

Quality Control

Yes