

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