

Adjustable Brass Safety Valve with Throttle

This safety valve incorporates a throttling feature to regulate pressure while maintaining safety functionality. Constructed from brass with an electroplated surface, it is designed for durability and aesthetic appeal.



Product Overview

Dual-Function Throttle Safety Valve

This innovative safety valve integrates a precision throttling function with reliable pressure relief capabilities to ensure system safety and efficiency. Featuring a unique patented design, it utilizes end-face sealing to eliminate the need for thread seal tape, reducing installation time and blockage risks. Constructed from high-temperature forged brass with an electroplated finish, this valve is engineered for durability, pressure resistance, and an aesthetically professional appearance.

Technical Specifications

Category	Throttle safety valve
Connection Size	G1/2
Material	Alloy copper
Finishing	Chrome-plating
Assemble Height(mm)	53
Weight (±3)g	142
Function	Integrated adjustment of water heater inlet flow and pressure maintaining and pressure relief functions.
Application	Pressure-bearing containers, such as inner tank water heaters, commercial water dispensers, etc.

Dimensional and material specifications for the G1/2 brass throttle safety valve.

Pressure Rating

0.8 MPa

Max Pressure

Physical Dimensions

53 mm

Assembly Height

142 g

Weight

Material & Finish

Brass, Alloy Copper, Chrome-plated

Connection Size

G1/2

Key Features

Key Advantages

- Integrated throttling and safety relief
- Handle screw fixed for stability
- End-face sealing (no tape required)
- Internal row design prevents howling
- High-temperature forging process
- Pressure-proof and explosion-proof

Application

Suitable Applications

- Inner tank water heaters
- Commercial water dispensers
- Pressure-bearing containers
- HVAC&R systems