

# 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

<b>Category</b>	Throttle safety valve
<b>Connection Size</b>	G1/2
<b>Material</b>	Alloy copper
<b>Finishing</b>	Chrome-plating
<b>Assemble Height(mm)</b>	53
<b>Weight (±3)g</b>	142
<b>Function</b>	Integrated adjustment of water heater inlet flow and pressure maintaining and pressure relief functions.
<b>Application</b>	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