

Product range Watts Industries

- System disconnectors
- Backflow protection devices
- Check valves
- Safety units
- Safety relief valves
- Pressure reducing valves
- Automatic control valves
- Butterfly valves
- Shut off valves
- Measuring gauges
- Temperature control
- Expansion vessels
- Process switches
- Fuel products
- Gas products
- Electronic controls
- Installation protection products
- Radiator valves
- System products
- Manifolds and fittings

Safety group BI15  
EN1488 - 1/2" 15mm



**BI15**

• Safety Group BI15  
Application & Installation

**WATTS®**  
Watts Water Technologies, Inc.

Watts Industries France  
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[www.wattsindustries.com](http://www.wattsindustries.com)

**WATTS®**

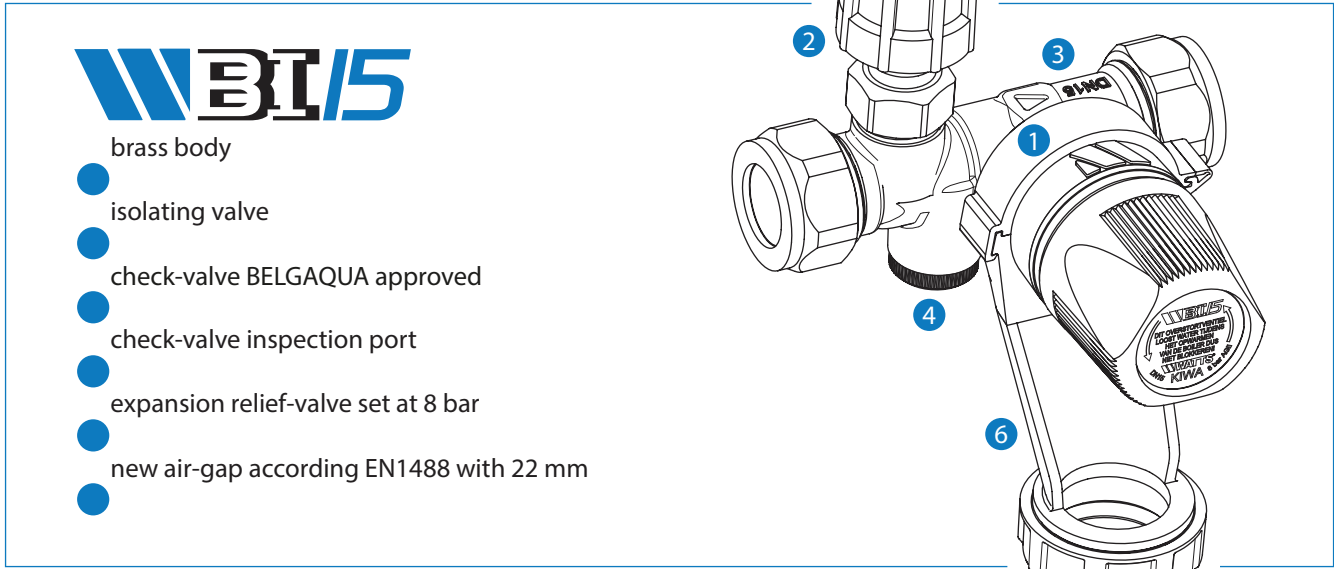
Purpose:

This safety group is specifically designed to protect hot water storage heater (electric, gas ...) with a power up to 10 kW.

This device allows 4 main functions :

- protect the hot water storage heater against excess pressure, this function is assumed by the safety valve set at 8 bar (800 kPa)
- isolate the tank from the main water supply, this function is assumed by the isolating valve
- prevent the backflow from the hot water to cold main water supply, this protection is assumed by the integrated check-valve (BELGAQUA approved)
- flush the hot water storage heater : if needed the safety valve allows the total draining of the hot water storage heater

DESIGN

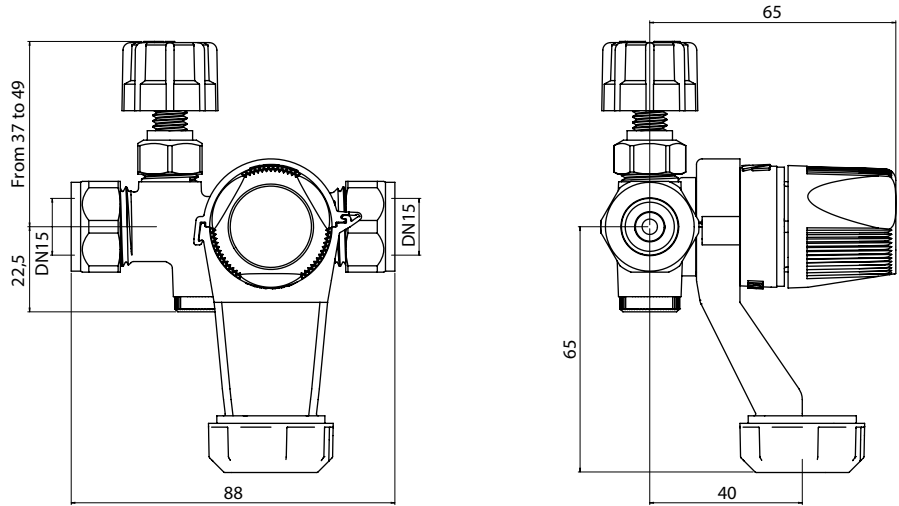


Features:

- high flow rate (up to 30 L/min at 1 bar)
- extra compact dimensions
- can be installed in any position
- new air gap according EN1488 (22 mm)
- valve knob designed for excellent grip
- isolating valve with EPDM seal
- BELGAQUA approved
- manufactured by the first European producer of safety group (more than 2 millions safety group installed)

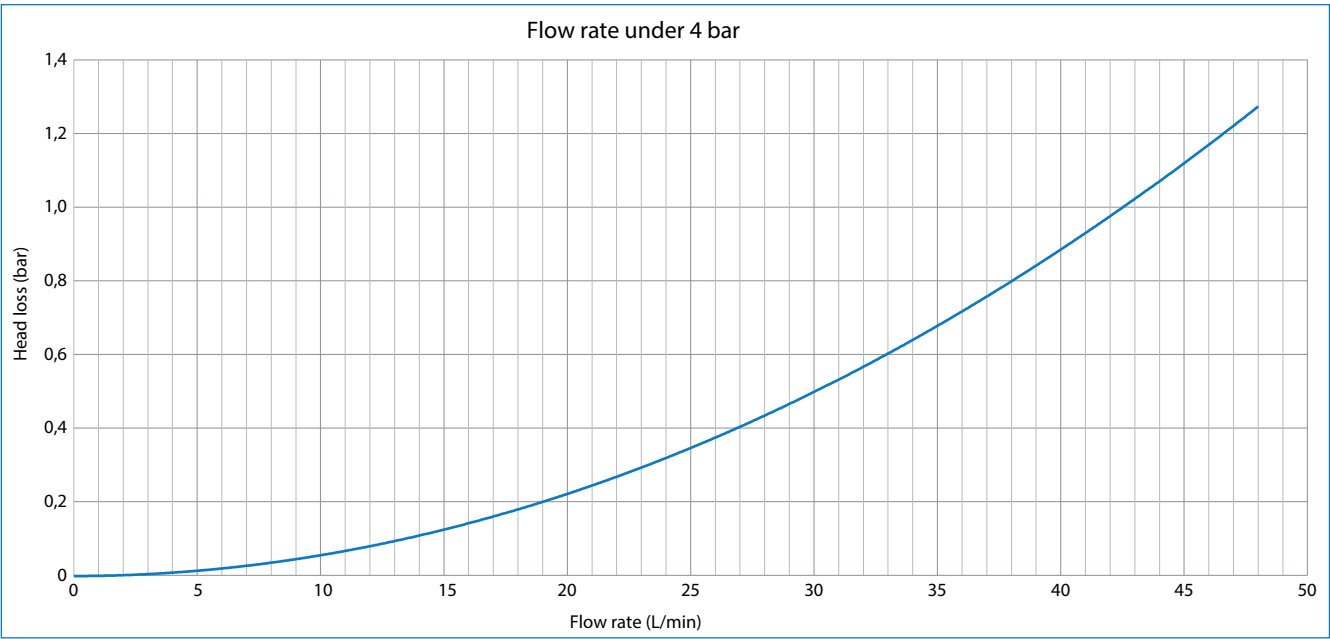


Dimensions:

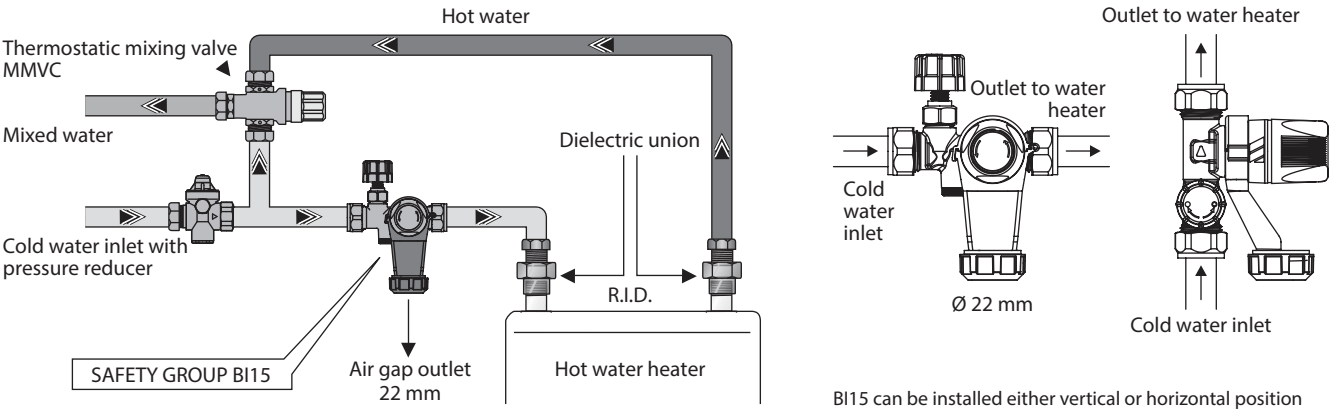


Parts list	
Machined forged body	Brass CW617N
Valve diaphragm	EPDM 70 SH
Valve seat	Brass CW617N
valve knob	PP-TF20
Air gap	PP
Valve axis	PPO+PS-GF30
Valve seal	EPDM
Check-valves	POM
Plastic plug	PA-GF30

Pressure drop curve / headloss:



Pressure drop curve / headloss:



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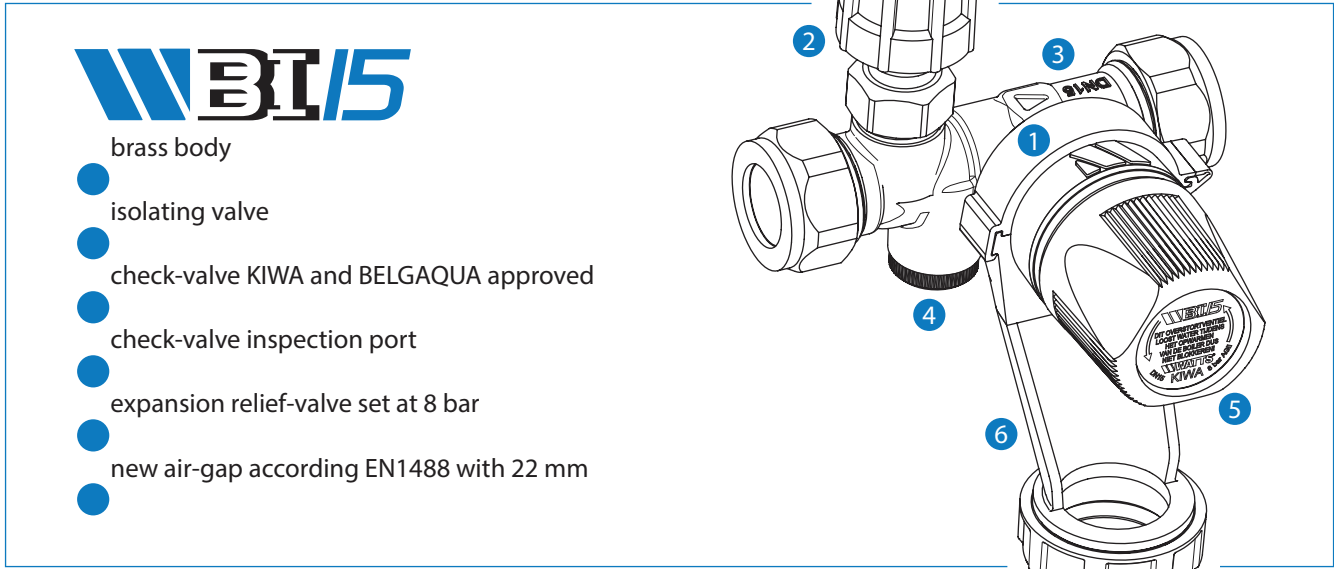
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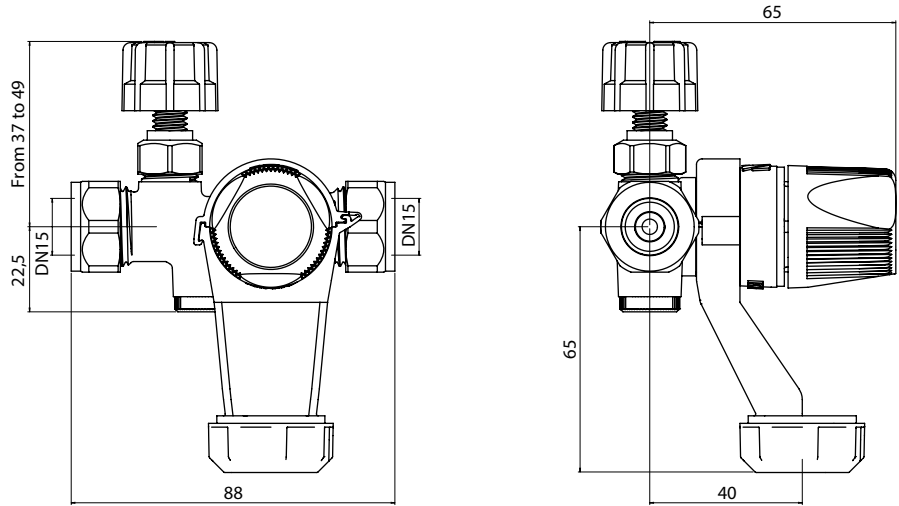


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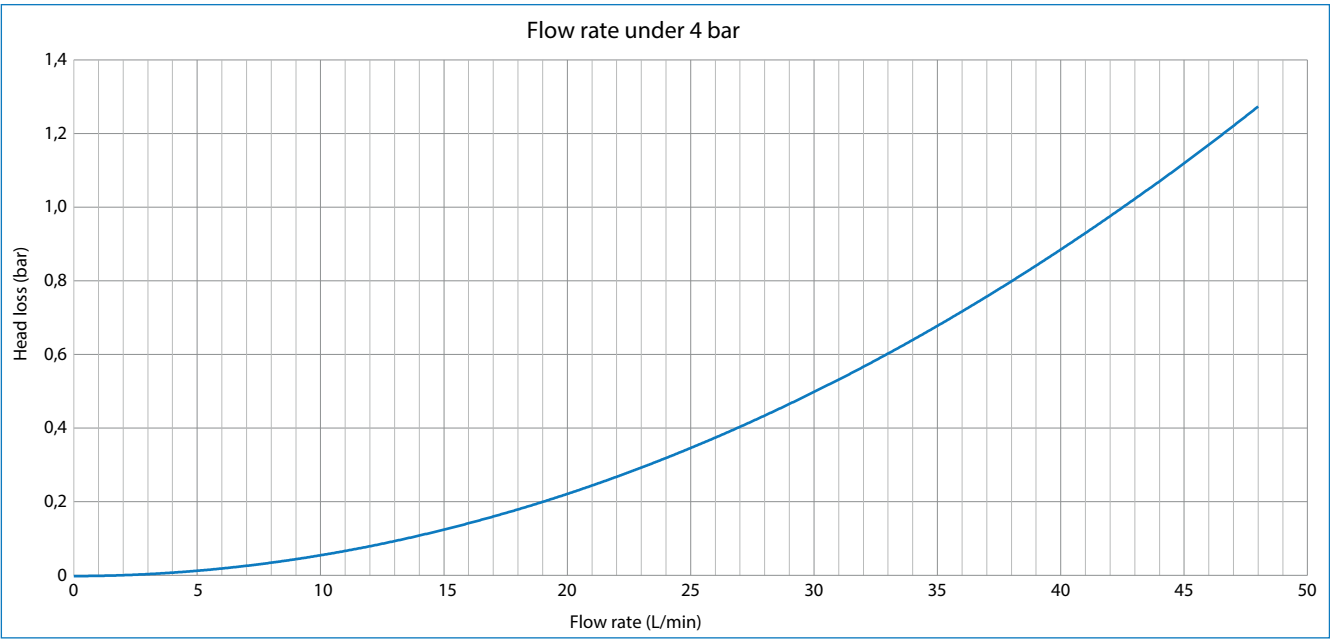


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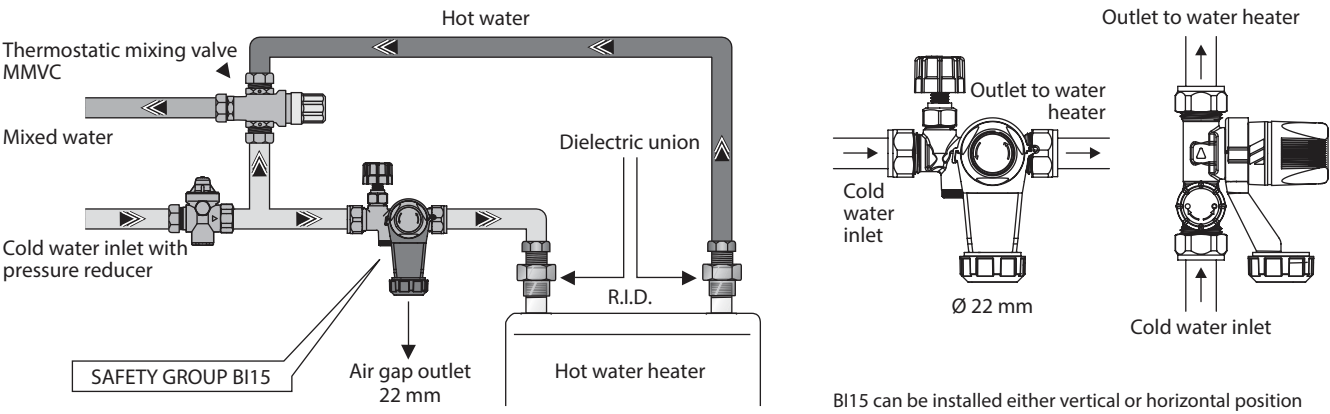


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