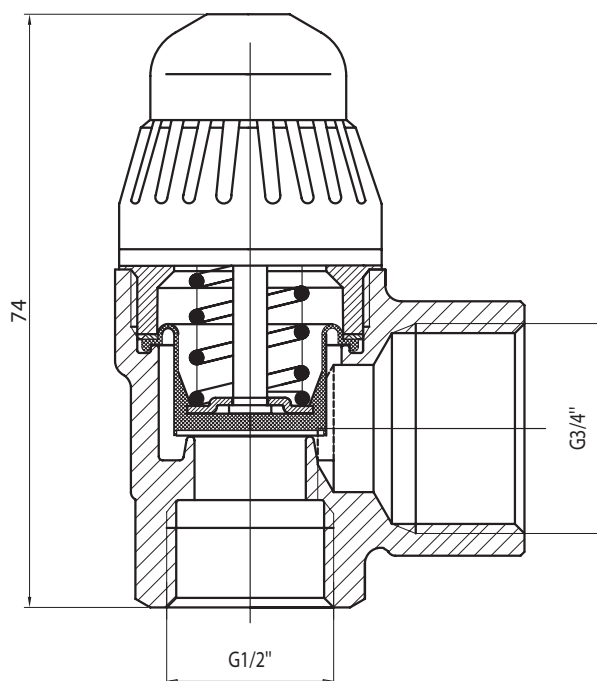


# SAFETY VALVE

## ZB-14 type

Code No: see table



### APPLICATION

The ZB-14 safety valves are designed for protection against high water pressure inside closed water reservoirs, especially for central heating systems and in the storage water heaters.

### CONSTRUCTION

#### Materials:

valve body and head - CuZn39Pb2 forging brass  
inside parts - brass  
diaphragm - rubber resistant to hot water up to 110°C and ageing proof  
spring - stainless steel  
knob - glass fibre reinforced plastic temperature resistant.

### TECHNICAL DATA

Czynnik: woda  
Temperatura czynnika: max 110°C  
Masa: 0,25 kg  
Średnica gniazda zaworu 14 mm

Code No	Opening Pressure of Safety Valve	Surface of Valve Body
	MPa	
0373-0001	0,25 ± 0,02	blasted
0373-1001		blasted and nickel coated
0373-0101	0,30 ± 0,02	blasted
0373-1101		blasted and nickel coated
0373-0201	0,67 ± 0,03	blasted
0373-1201		blasted and nickel coated

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# SAFETY VALVE

## ZB-14 type

Code No: see table

### MOUNTING

The safety valve should be mounted on cold water supply line. It is recommended to install the safety valve over hot water level at reservoir to avoid it emptying.

The overflow outlet position should be between downward and horizontal, cannot be upward. The min. inside diameter of supply line is 15 mm. The supply line cannot be blocked or closed, strainers and chokes are forbidden.

The overflow outlet can be connected with funnel using the pipe having the cross section at least equal to overflow outlet one. The outlet pipe cannot be longer than 2 m., should be placed with slope and max two bends. The outflow of water must be free and visible. The servicing personnel should be protected against injury.

The cross section of funnel pipe must be at least twice as the overflow outlet one

The safety valve must be easy accessible after mounting. The valve and outflow pipe must be protected against freeze-up.

### MAINTENANCE

The proper operation of valve should be verified before every start-up and at least once a month turning the knob to position when water is flowing through the overflow outlet and following turning the knob to it down position with pressing to the valve body. If water still flow the valve should be swilled by repeated opening and closing. If water does not flow after opening the valve call the authorized service man.

**Note:** if water pressure in supply line is higher than opening pressure given in the table water will still flow through overflow outlet.

**The blocking of water overflow is forbidden**

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