

Installation and Maintenance Instructions  
**Ball Valve w. strainer & magnet**

**EN**

## Application

Ball valve with integrated strainer and magnet intended for tight closure or opening of working fluid flow and impurities filtering. The working fluid may be water, antifreeze fluid for heating systems, heat pumps and solar thermal systems.

## Technical Data

Max. working pressure:	16 bar
Max. working temperature:	-20 °C to 100 °C
Magnetic induction:	1,2 T (12 000 Gs)
Filter mesh size:	0,6 mm

## Variants and codes

Name	Code	Connections
3/4"F Ball Valve w. strainer & magnet	<b>17404</b>	G 3/4" F
1"F Ball Valve w. strainer & magnet	<b>17405</b>	G 1" F
5/4"F Ball Valve w. strainer & magnet	<b>17406</b>	G 5/4" F
6/4"F Ball Valve w. strainer & magnet	<b>17407</b>	G 6/4" F
2"F Ball Valve w. strainer & magnet	<b>17408</b>	G 2" F

## Installation

It may be installed horizontally (Fig. 1 or 2) or vertically (Fig. 3). **Always respect the flow direction marked by an arrow on the valve housing.**

Hold the ball valve at the side where you are connecting a pipe (Fig. 4). Holding the ball valve at the opposite side is not recommended (Fig. 5).



Fig. 1

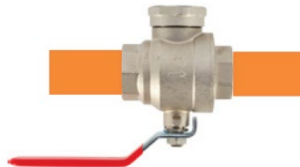


Fig. 2

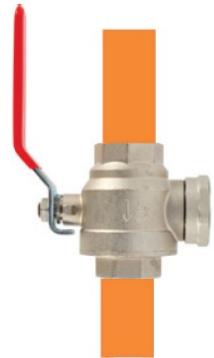


Fig. 3

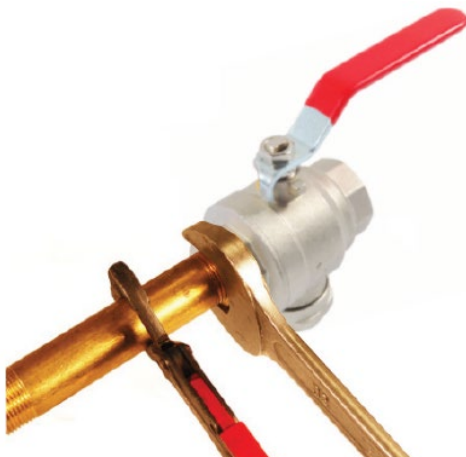


Fig. 4



Fig. 5

## Maintenance and cleaning

1. Close the ball valve by turning the lever clockwise by 90° (Fig. 6).
2. Unscrew the lid with magnet manually and take out the strainer (Fig. 7).  
Remove impurities from the strainer and magnet. Return the clean strainer back to its place and screw on the lid with magnet.
3. Open the ball valve by turning the lever counter-clockwise by 90° (Fig. 8).

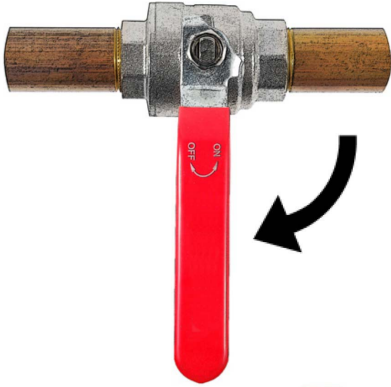


Fig. 6 - closing the valve



Fig. 7 - taking out the strainer

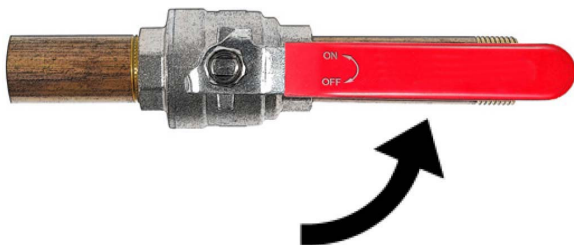


Fig. 8 - opening the valve

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