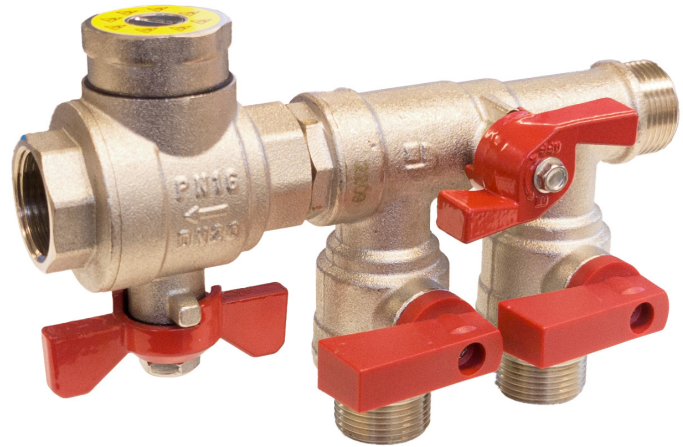


## Filling device 756 3/4"

- Male/female thread 3/4"
- Extractable integrated strainer
- Double cap seal
- Magnet insert



### Application

Filling device including a strainer and magnet.

### Construction

Ball valves and pipe in dezincification resistant brass. Filter ball valve in nickle-plated brass with an integrated strainer insert, mesh 0.6 mm. Cap with magnet insert for collection of magnetite. Connection three male 3/4" and one female 3/4" thread. Shutoff ball valves for draining and filling of media, with caps, built-in strainer.

### Marking

DN, PN, flow direction arrow and magnetic field warning label.

### Maintenance

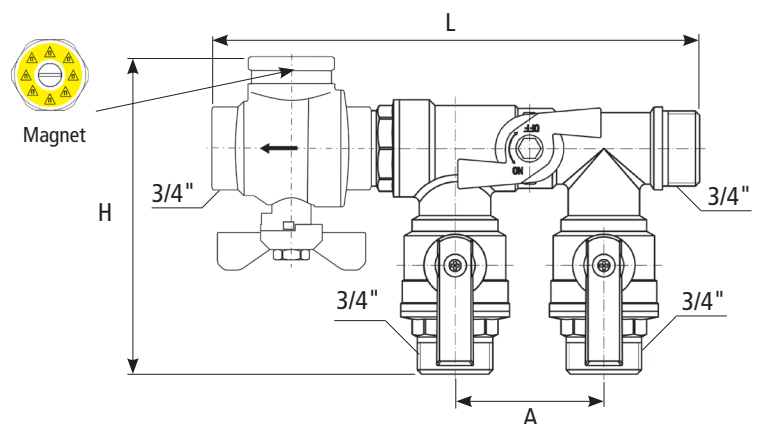
Close the filter ball valve and clean the strainer when necessary. The ball valves must be maneuvered, two to three times a year. See further information on Impel's website.

### Technical data

Body and pipe	Brass CW625N
Body (filter ball valve)	Brass CW617N
Strainer insert	Stainless steel SS304 / POM
Ball seat	PTFE
Stem gaskets	NBR/NBR
Stem gasket (filter ball valve)	PTFE
Cap seal (o-ring)	EPDM
Cap seal (gasket)	EPDM
Magnet rod	NdFeB (Neodymium)

Maximum operating pressure:	16 bar
Minimum operating temperature:	-20°C
Maximum operating temperature:	+100°C
K <sub>v</sub> -value:	see chart

Media water - glycol mixture max 60%  
Media water - ethanol mixture max 30%



Item number	Description	Connection thread	Length L	Centrum height H	A	K <sub>v</sub> * (m <sup>3</sup> /h)	Insulation included	Weight (kg per pice)
0755000020	Filling device 756-20, 3/4" M/F, T-handle, magnet	3 x 3/4" M, 2 x 3/4" 1 x F	180	80	52	7.0	No	0.9

All dimensions in millimeters  
\* The K<sub>v</sub> value applies to the filter ball valve

Subject to technical changes and corrections without notice

## Filling device

### Heating systems need to be filled, drained and protected!

The filling device - is an all-in-one, fill & drain valve assembly offering reliable operation in all types of flow systems. The valve assembly features the necessary components for use of brine in heat pumps and other heating systems. Additionally, the valve assembly is reversible in accordance with the flow direction indicator.

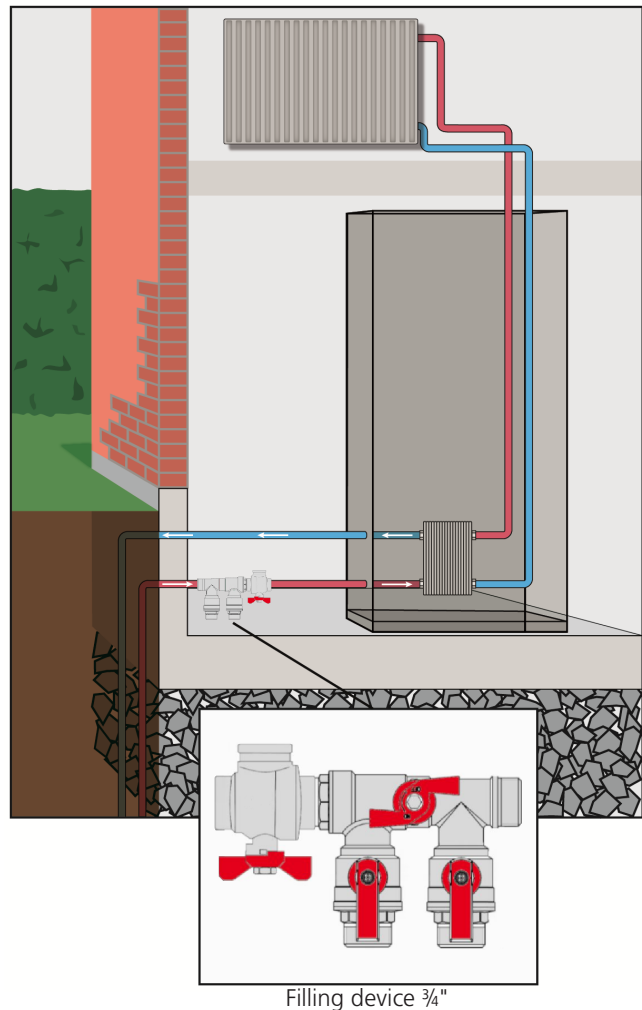
The stylish, compact design includes our handy filter ball valve.

On the filter ball valve housing, an arrow indicates the flow direction to catch contaminants before they reach sensitive system parts. Lift out the strainer insert and flush it clean.

When using brine, there is always a risk of ice formation. As a result, insulation of the product is important.

The filling device can be used in many other systems that require filling, draining and filtration.

The filling device should be cleaned when the system is first started up, and after that at regular intervals. Apart from this, the valve assembly does not require any maintenance but should be inspected regularly.



Filling device 3/4"

### Filling / draining the system (756 3/4"):

1. Close the filter ball valve.
2. Open inlet- and outlet valves.
3. Let the fluid run through the system awhile to maximize oxygen reduction.
4. Close the out- and inlet valves.
5. Open the filter ball valve.

*Subject to technical changes and corrections without notice*