Filling device 752 ¾"

- Dezincification resistant brass
- Male thread ¾"
- Changeable integrated strainer
- Double cap seal

Description

Filling device including strainer.

Construction

Ball valves and pipe in dezincification resistant brass.
Filter ball valve in brass with integrated strainer insert and mesh 0,6mm for closing the circulation loop.
Connection three male threads 3/4" and one female thread 3/4".
The filter ball valve features seals in EPDM between cap and body, other seals in PTFE and gasket in NBR.
Ball valves for draining/filling with built-in strainer for shutting off fill and drain lines.
Handles in red plastic and T-handles in aluminium.

Marking

DN, PN and flow direction arrows.

Maintenance

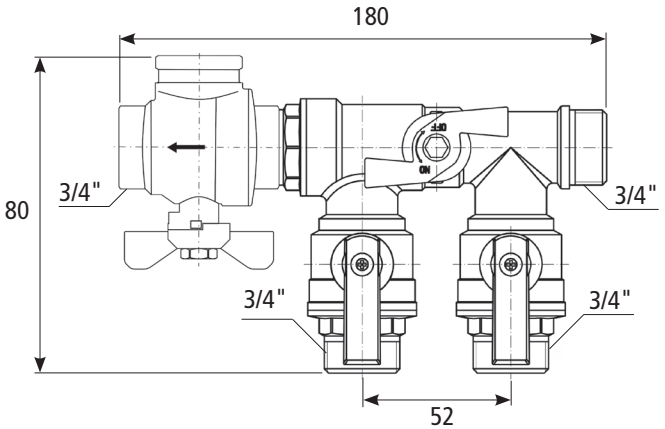
Close valve and clean strainer when necessary.
The ball valve must be operated two to three times a year.
See further information on Impel's homepage.

Technical data

Body and pipe	Dezincification resistant nickel-plated brass CW625N
Body (filter ball valve)	Nickel-plated brass CW617N
Strainer insert	Stainless steel SS304
Ball seal	PTFE
Stem gaskets	NBR/NBR
Stem gasket (filter valve)	PTFE
Cap seal (o-ring)	EPDM
Cap seal (gasket)	EPDM

Maximum working pressure: 16 bar
Maximum working temperature: +100°C
Minimum working temperature: -20°C
Kv-value: see chart
Maximum kW*: 3/4" 13kW

Media water - glycol mixture max 60%
Media water - ethanol mixture max 50%



Item number	Description	Connection thread	Length L	Height H	Kv** (m^3/h)	Insulation included	Weight (kg per piece)
0751000020	Filling device 752-20, 3/4"M x 3/4"F, T-handle	3 x 3/4"M, 3/4"F	180	80	7,14	No	0,85

All dimensions in millimetres
* Theoretical value at 0.1 bar pressure drop across the flter ball valve and a 5°C temperature differential
** The Kv value applies to the filter ball valve

Subject to technical changes and corrections without notice

Filling device 752 and 756

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.

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.

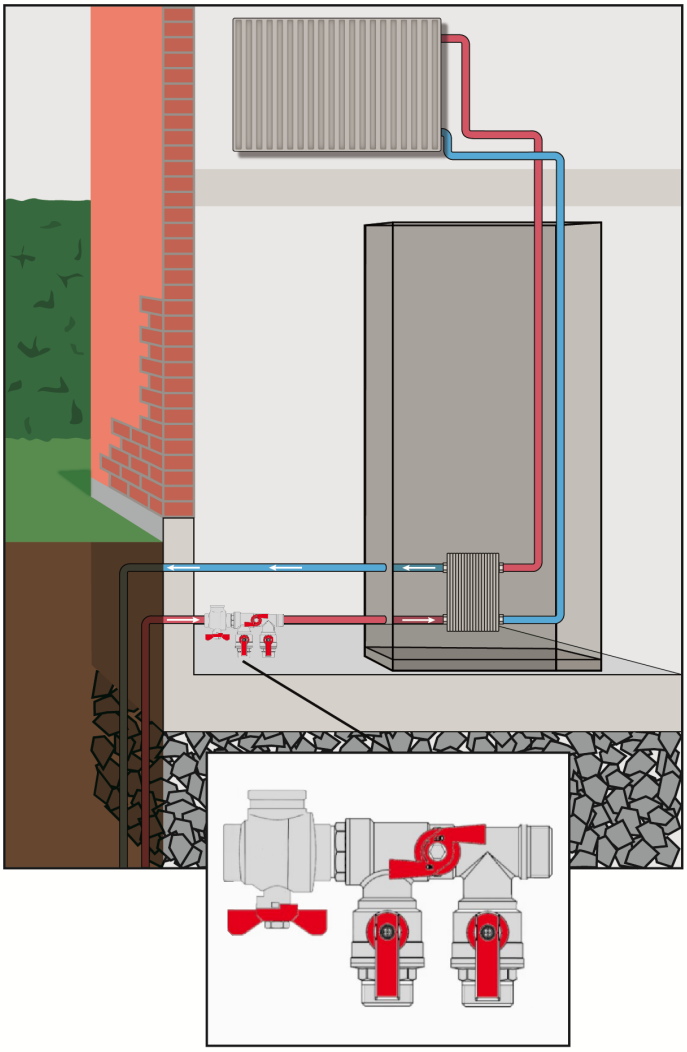
When using brine, there is always a risk of ice formation. As a result, insulation of the product is important.

Filling device dimensions 1" and 1 1/4" are supplied complete with insulation.

Dimensions 3/4", 1 1/2" and 2" should be insulated locally.

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

The filling devide 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 (Filling device 3/4"):

1. Close ball valve with strainer.

2. Open ball valves of inlet and outlet.

3. Let fluid run through the system awhile to maximize oxygenreduction.

4. Close outlet valve and inlet valve.

5. Open ball valve with strainer.