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Braukmann V6003 Flanged Strainer

Installation instructions



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1	Safety Guidelines	3
2	Technical Data	3
3	Options	3
4	Assembly	3
5	Transportation and Storage	3
6	Maintenance	4
7	Disposal	4

1 Safety Guidelines

- Follow the installation instructions
- Use the appliance
 - according to its intended use
 - in good condition
 - with due regard to safety and risk of danger
- Note that the appliance is exclusively for use in the applications detailed in these installation instructions (see 2 Technical Data). Any other use will not be considered to comply with requirements and would invalidate the warranty
- Please take note that any assembly, commissioning, servicing and adjustment work may only be carried out by authorized persons.
- Immediately rectify any malfunctions which may influence safety

2 Technical Data

Media	
For heating and cooling systems	
Medium:	Water with max. 50 % glycol according to VDI 2035
Operating pressure	
Max. pressure for water and non-hazardous liquids:	16 bar
Operating temperatures	
Min. operating temperature:	-10 °C
Max. operating temperature:	120 °C
Specifications	
Approvals:	Complying with European Directive 2014/68/EU PED (ex 97/23/CE)

3 Options

For Options visit resideo.com

4 Assembly

4.1 Installation Guidelines

- Water hammers might cause damage and ruptures. Inclination, twisting and misalignments of the piping may subject the installed valve to excessive stresses. It is recommended that elastic joints be used in order to reduce such effects as much as possible.

NB. These valves are unidirectional: install in accordance with the flow direction arrow indicated on the body.

Series V6003: Place the valve between the flanges of the pipe and install the seal between the pipe and valve flanges. Check that the seals are positioned correctly.

The distance between the counter flanges must be equal to the valve's face to face distance.

Do not use the bolts of the counter flanges to bring the piping close to them. The bolts must be cross tightened.

Do not weld the flanges to the piping after installing the valve.

Drain

The impurities may be drained completely in both of the installation positions.

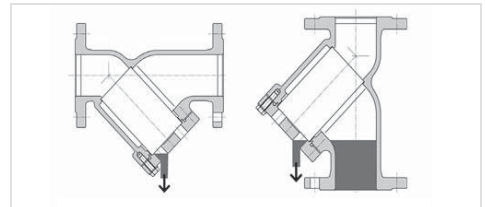


Fig. 1 DN125 + 400 2 plugs

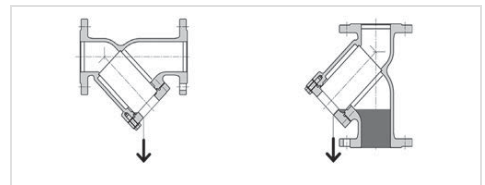


Fig. 2 DN25 + 100 1 plug

5 Transportation and Storage

- Handle with care. Keep in a dry place

6 Maintenance



WARNING!

Before to proceed in any intervention of maintenance or disassembly:

- ▶ Wait the cooling of the piping, the valve and the fluid
- ▶ Let the pressure escape and drain line and piping in the presence of poisonous, corrosive, inflammable and caustic fluids
- ▶ Temperature over 50 °C and under 0 °C can hurt people



Ensure that the filtering strainer is kept clean: if the filter is not clean, this will compromise is action, and may cause deformations or ruptures.

The plugs and mini-valves allow complete drainage of the impurities in both of the installation positions.

7 Disposal

If there is a possibility of residue remaining in the valve, take due safety precaution and carry out required cleaning operation.

Personnel in charge must be trained and equipped with appropriate protection devices.

Prior to disposal, disassemble the valve and separate the component according to various materials.

Please refer to product literature for more information.

Forward sorted material to recycling (e.g. metallic materials) or disposal, according to local and currently valid legislation and under consideration of the environment.



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