



Danfoss SV 4 Float Valve Installation Guide

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Installation Guide

Float valve

Type SV 4, 5, 6

ENGINEERING

TOMORROW

UK
CA

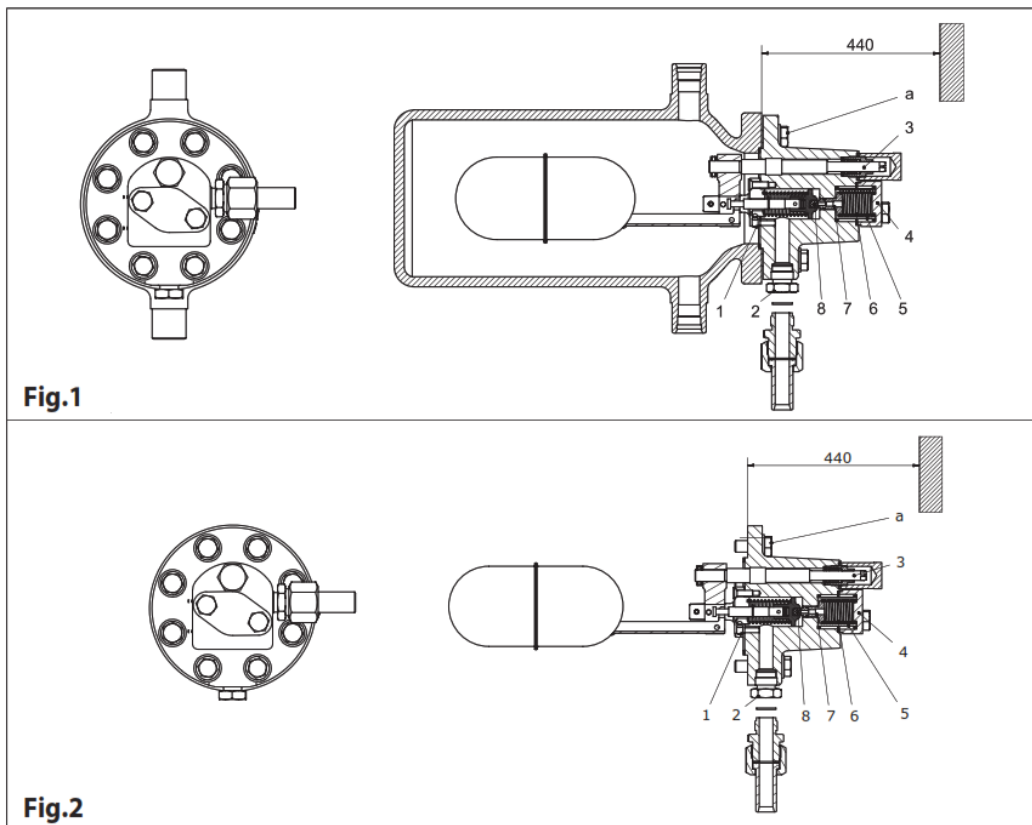


Fig.1

Fig.2

027R9508
Refrigerant,
 HCFC, HFC, R717
Drehmoment,,
Max. working pressure,
PB = 28 bar (Pe) (MWP= 400 psig),
Max. test pressure,p' = max 32 bar (Pe) (465 psig)
Fig. 1 + Fig. 2
Note: Pos.1 and 2 when connecting

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Setting:

1. Turn the spindle (pos. 3) counter-clockwise until the valve is closed (audible)
2. Turn the spindle (pos. 3) clockwise until the valve opens (audible and perceptible).
 Then turn once more ½ rotation and the float is set. The setting can be marked on the spindle

Cleaning of strainer:

1. Turn the spindle (pos. 3) counter-clockwise until the valve is closed (audible)
2. Close liquid inlet

3. Cover (pos. 4) can be dismantled and the strainer (pos. 5) can be cleaned
4. Change of orifice and Teflon valve plate:
5. Follow the above-mentioned points 1-3
6. Spring (pos. 6) and orifice (pos. 7) can be removed
7. If the change of the Teflon valve plate(pos. 8) is required, please contact Danfoss

Manual opening:

The spindle (pos. 3) is turned clockwise as far as possible and the valve is forced-opened.

Manual closing: The spindle (pos.3) is turned counter-clockwise until the valve is closed (audible).

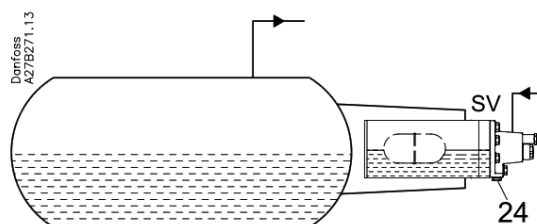


Fig. 3
4 stk. M6 (pos. 1, fig. 1 fjernes)
4-off M6 (remove pos. 1, fig. 1)

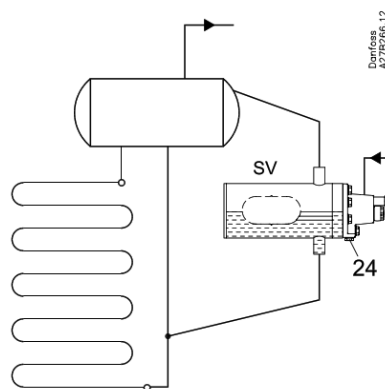


Fig. 5
4 stk. M6 (pos. 1, fig. 1 fjernes)
4-off M6 (remove pos. 1, fig. 1)

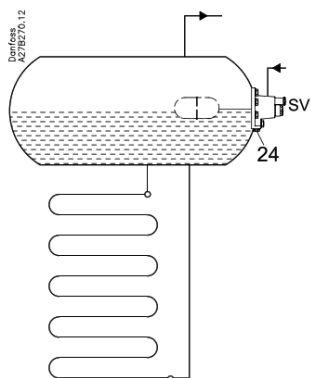


Fig. 4
4 stk. M6 (pos. 1, fig. 1 fjernes)
4-off M6 (remove pos. 1, fig. 1)

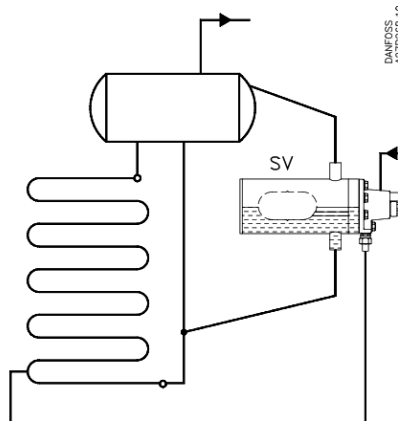


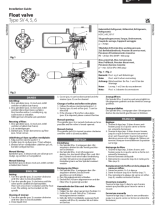
Fig. 6
Pos. 2, fig. 1 fjernes, pos. 1, fig. 1 forbliver iskruet
Remove pos. 2 fig. 1, pos. 1, fig. 1 remains screwed

Spare parts:

- Seal kit: 027B2070
- Other spare parts, see Spare Parts catalog

Info for UK customers only: Danfoss Ltd. Oxford Road, UB9 4LH Denham, UK
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Documents / Resources



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