



Danfoss VHX-DUO Valve Set For Floor Connection Installation Guide

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Danfoss VHX-DUO Valve Set For Floor Connection



Product Specifications

- Compatible with soft steel, copper, VPE PEX, and AluPEX tubes
- Available dimensions: 8mm, 10mm, 12mm, 14mm, 15mm, 16mm
- Danfoss product codes: 013G4108, 013G4110, 013G4112, 013G4114, 013G4115, 013G4116
- Valve flange size: B (mm) – 18 for most sizes, 24 for 15mm and 16mm

Product Usage Instructions

Connection Setup

- Ensure the return always connects to the thermostat side, with the freedom to choose left or right placement for the thermostatic element.

Fittings Installation

- Install fittings based on the tube type being used (soft steel, copper, VPE PEX, AluPEX) and the corresponding dimensions as per the provided Danfoss codes.

Valve Flange Attachment

- Fix the valve flange to the radiator connections. Ensuring proper sealing.

Valve Tightening

- Tighten the valve to the radiator, remembering to place gaskets to prevent leaks.

Presetting and kv-values Adjustment

- Set the kv-values on the valve according to the provided table and connect the thermostat if not already done.
Adjust presetting range as needed.




Mounting guide for Danfoss VHX-DUO valve set for floor connection

- Free connection (left or right) – return always on thermostat side.



Be aware of measurement B when cutting pipes.



	Dimension	Danfoss code	B (mm)
Fittings for soft steel and copper tubes 	8	013G4108	18
	10	013G4110	18
	12	013G4112	18
	14	013G4114	18
	15	013G4115	24
	16	013G4116	24
Fittings for VPE PEX tubes 	12 x 1.1	013G4143	16
	12 x 2	013G4142	16
	14 x 2	013G4144	16
	15 x 2.5	013G4147	16
	16 x 2	013G4146	16
Fittings for AluPEX tubes 	12 x 2	013G4172	16
	14 x 2	013G4174	16
	16 x 2	013G4176	16

Connect valve housing on pipes



Fix valve flange to radiator connections.



Lower the radiator until the flange is supported by the valve.



Mark the position and mount the radiator on the wall.



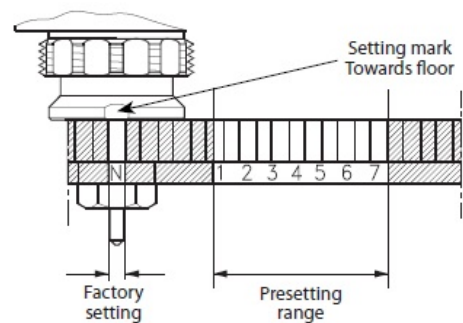
Tighten the valve to the radiator. NB! Remember gaskets.



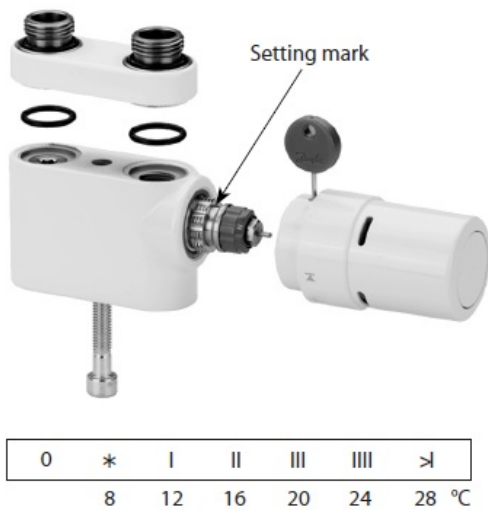
- Presetting and kv-values for $X_p = 0.5 - 2K$

Valve setting	1	2	3	4	5	6	7	N
kv-value (m /h)	0.12	0.15	0.20	0.25	0.30	0.36	0.42	0.49

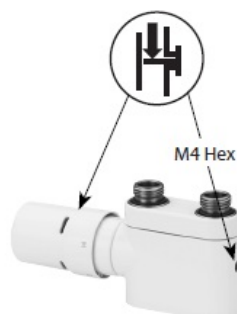
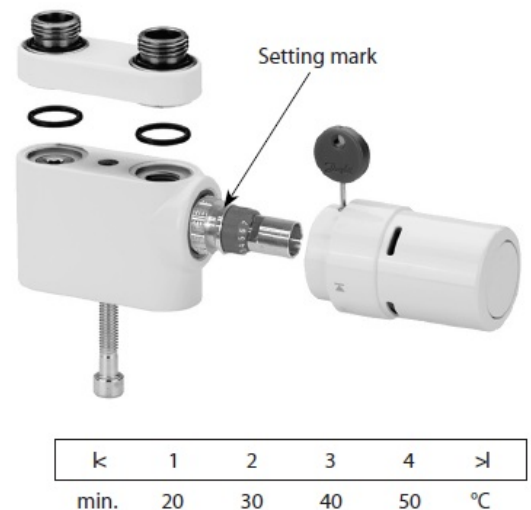
Preset the kv on the valve and connect the thermostat if not already been done.



RAX



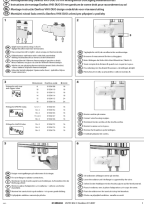
RTX



FAQ

- **Q: Can I use this product with other types of tubes not listed in the manual?**
 - **A:** The product is designed for use with soft steel, copper, VPE PEX, and AluPEX tubes, as specified in the manual. The manufacturer does not recommend using other types of tubes.
- **Q: What is the factory presetting range for this product?**
 - **A:** The factory presetting range is marked on the valve as RAX and RTX. Consult the manual for specific values corresponding to each setting.

Documents / Resources

	<p>Danfoss VHX-DUO Valve Set For Floor Connection [pdf] Installation Guide 013G4108, 013G4110, 013G4112, 013G4114, 013G4115, 013G4116, 013G4142, 013G4143, 013G4144, 013G4146, 013G4147, 013G4172, 013G4174, 013G4176, VHX-DUO Valve Set For Floor Connection, VHX-DUO, Valve Set For Floor Connection, For Floor Connection, Floor Connection</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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