




# Danfoss VICSG202 Composite Pipes Installation Guide

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## Danfoss VICSG202 Composite Pipes



## Product Specifications

- **Brand:** Danfoss
- **Product Type:** Composite Pipes
- **Model:** VICSG202
- **Manufacturer:** Danfoss A/S
- **Country of Origin:** Denmark

## INSTALLATION INSTRUCTION

### Connecting Danfoss Composite Pipes to FHF Manifold

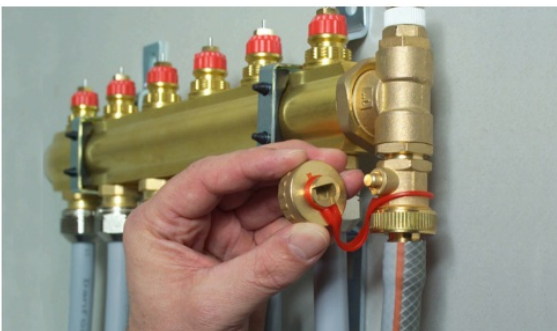
- Fig. 1: Before connecting the heating circuit to the manifold, cleanly cut off the FH composite pipe to the correct length.
- Fig. 2: Centre pipe and bevel with bevelling tool – 2 mm all round bevel on inner pipe.



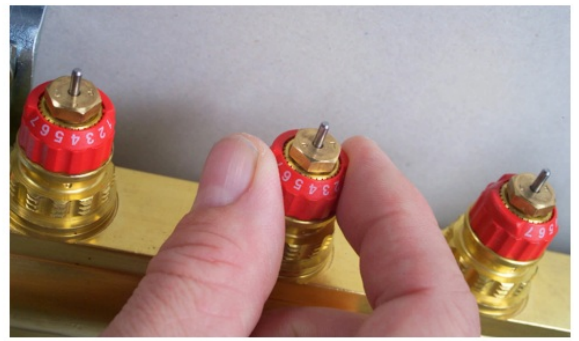
- Fig. 3: Slip compression fitting nut over FH composite pipe and push down fitting insert (Eurocone) until it meets end stops.
- Fig. 4: Tighten compression fitting nut with a 30 mm open-ended spanner.



- Fig. 5: Shut off the main supply and return ball valves. Heating circuits are individually flushed via fill and drain valves mounted on respectively supply and return manifolds.
- Fig. 6: Label the individual heating circuits. Carry out a pressure test in accordance with the pressure test protocol.



- Fig. 7: Open ball valves and all flow meters completely.
- Fig. 8: Preset manifold valve for each heating circuit according to calculations and the manifold data sheet.



- Fig. 9: Fix the actuator to the valve with a 2 mm Allen key and connect the actuator and room thermostats via the wiring centre or master controller.
- Fig. 10: Finally, fit the cabinet door.



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## Frequently Asked Questions

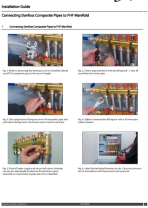
### **Q: How do I know if the pipes are securely connected to the manifold?**

A: Ensure that the compression fitting nut is tightened properly using a 30mm open-ended spanner and that the Eurocone is correctly inserted until it meets the end stops.

### **Q: Can I perform the pressure test before labeling the individual heating circuits?**

A: It is recommended to label the circuits first for clear identification before conducting any pressure tests.

## Documents / Resources

	<p><a href="#">Danfoss VICSG202 Composite Pipes</a> [pdf] Installation Guide AN002386455095en-010201, VICSG202, VICSG202 Composite Pipes, VICSG202, Composite Pipes, Pipes</p>
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References

-  [Danfoss Climate Solutions for heating | Efficient solutions for superior comfort | Danfoss](#)
- [User Manual](#)

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