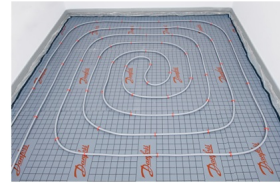


*Danfoss*  
BasicRail Wall  
Heating in Wet  
Systems



# Danfoss BasicRail Wall Heating in Wet Systems Installation Guide

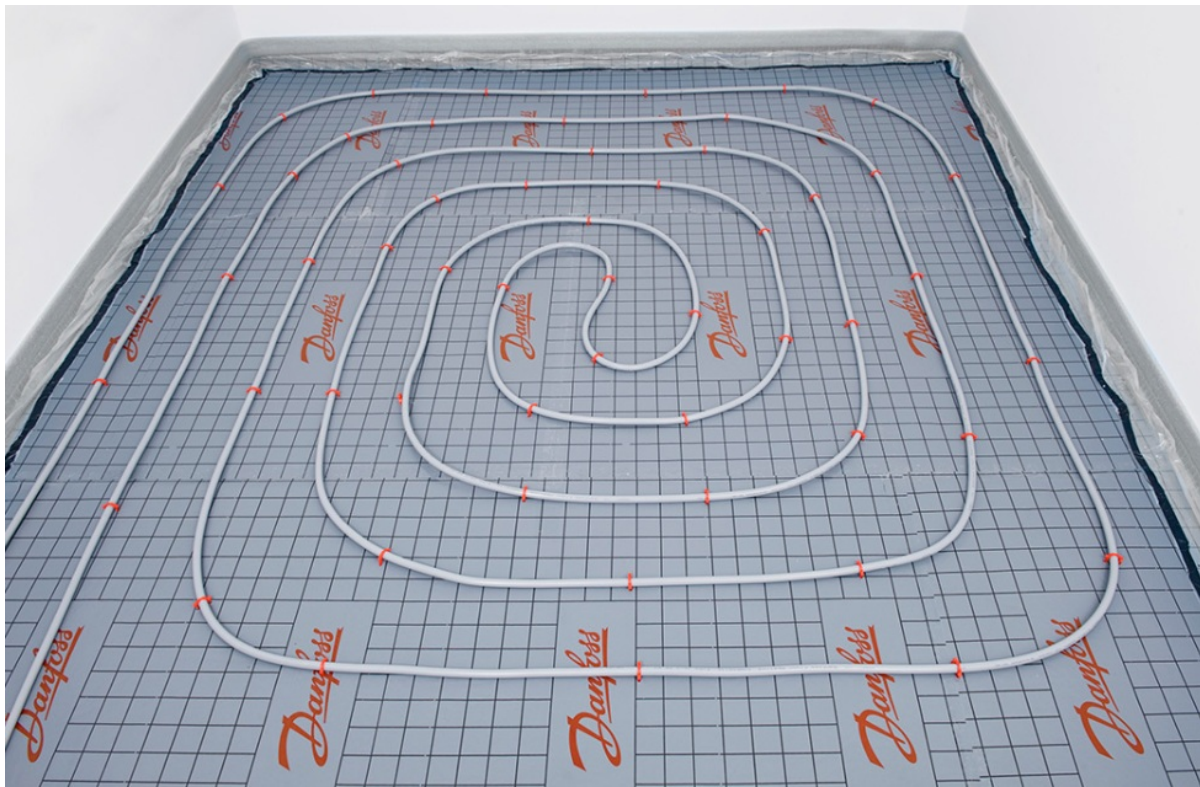
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**Danfoss BasicRail Wall Heating in Wet Systems**



## Product Information

### Specifications

- Product: BasicRail Wall Heating System
- Manufacturer: Danfoss Heating Solutions
- Model: VIGHA202

## Installation Guide

### BasicRail Wall Heating in Wet Systems

#### Installation of BasicRail Wall Heating in Wet Systems

##### Step-by-Step Instructions

1. **Inspection of the Pipe Wall:** Remove unevenness and create a flat surface. *Fig. 1*
2. **Laying the Rails:** Start by laying the rails vertically with a spacing of maximum 1 meter. *Fig. 2*



3. **Attaching the Rails:** Attach the rails in three places with hollow wall anchors or nailed dowels and screws. *Fig.*

4. **Inserting Composite Pipe:** Push composite pipe into the rails from bottom to top, starting with the supply line below. *Fig. 4*



5. **Pipe Bend Length:** Do not exceed the maximum pipe bend length of 20 cm. *Fig. 5*
6. **Drilling for Wall Dowels:** Drill at least 8 holes for wall dowels (70 mm) per square meter and attach the bottom section of the dowel. *Fig. 6*



7. **Attaching Metal Grid:** Attach wall heating metal grid from top to bottom, lightly tensioned with 10 cm overlap, using the dowel upper section. *Fig. 7*
8. **Pressure Testing:** After setting up the wall heating system, a pressure test to at least 6 bar according to the test report is required. *Fig. 8*



9. **Applying Plaster:** Spray on the plaster in a single 35 mm layer from the top to bottom according to the manufacturer's instructions. *Fig. 9*
10. **Smoothing Plaster:** The applied layer of plaster can be smoothed or matted as required. *Fig. 10*



## Contact Information

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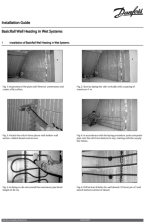
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## FAQ

- **Q: What is the maximum pipe bend length allowed during installation?**  
A: The maximum pipe bend length allowed is 20 cm.
- **Q: What pressure should be maintained during the pressure test?**  
A: The pressure test should be conducted at a minimum of 6 bar as per the test report requirements.

## Documents / Resources

|   |   |
|---|---|
|  | <p><a href="#">Danfoss BasicRail Wall Heating in Wet Systems</a> [pdf] Installation Guide<br/>BasicRail Wall Heating in Wet Systems, BasicRail, Wall Heating in Wet Systems, Wet Systems, Systems</p> |
|---|---|

## References

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

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