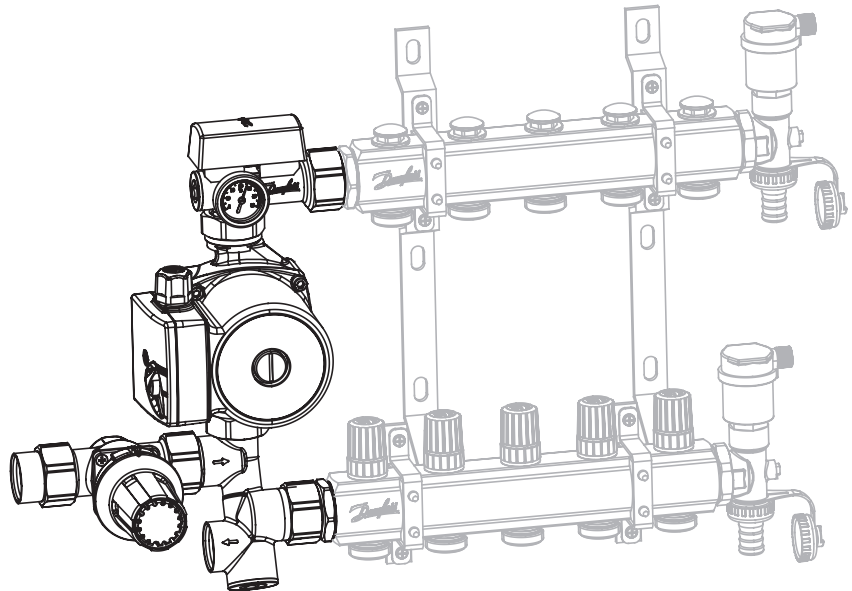


Installation Guide

FHM-CN1

Pre-assembled Mixing Shunt

Installation overview

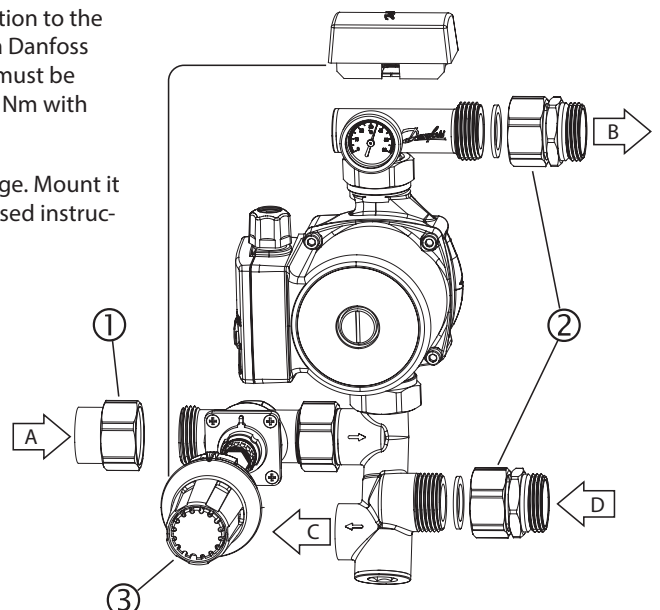


Installation procedure

The FHM-CN1 must be connected to a system according to the illustrations.

1. Pre-mounted union nut for connection to the primary side pipe. The union nut to control valve must be tightened with a torque of at least 85 Nm without any sealing materials.
2. Pre-mounted union nut for connection to the secondary side pipe or directly on a Danfoss manifold. The nut to mixing shunt must be tightened with a torque of 30 to 40 Nm with enclosed flat gasket.
3. FTC thermostatic sensor is in package. Mount it on the valve according to the enclosed instruction.

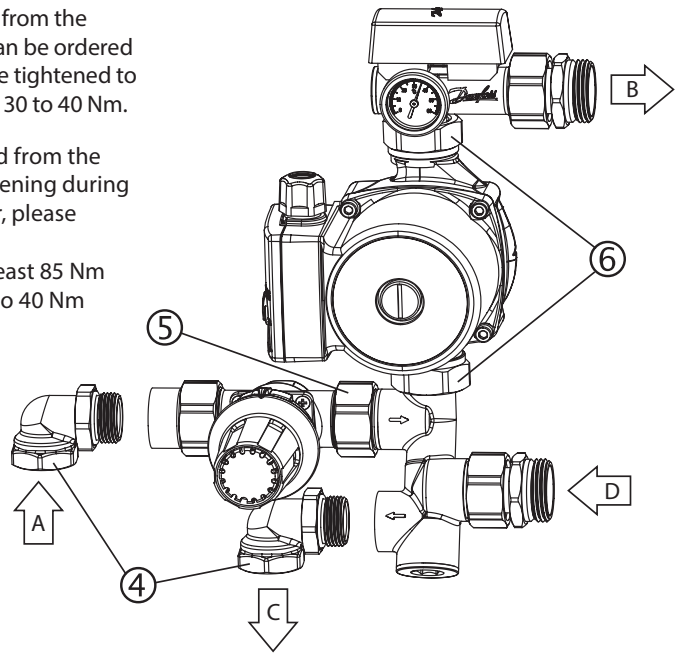
-  A Flow of primary side
-  B Flow of secondary side
-  C Return of primary side
-  D Return of secondary side



Tips

1. If the primary side pipe is coming from the bottom, the bend 4 (088U0821) can be ordered as an accessory. The bend must be tightened to the mixing shunt with a torque of 30 to 40 Nm.
2. Connection 5 and 6 are tightened from the factory. If leaks occur due to loosening during transportation, moving or similar, please tighten:
 - connection 5 at a torque of at least 85 Nm
 - connection 6 at a torque of 30 to 40 Nm

-  Flow of primary side
-  Flow of secondary side
-  Return of primary side
-  Return of secondary side

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