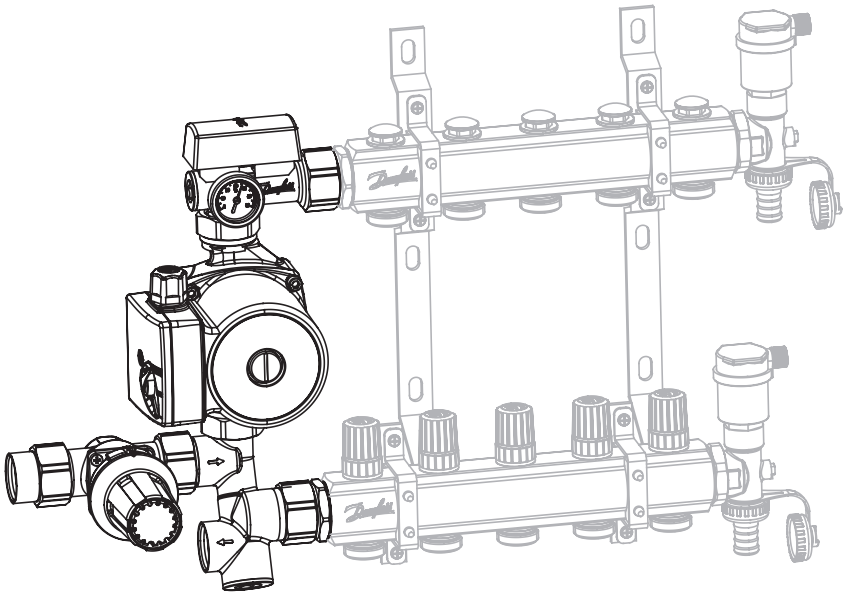
ENGINEERING
TOMORROW

Installation Guide

FHM-CN1
Pre-assembled Mixing Shunt

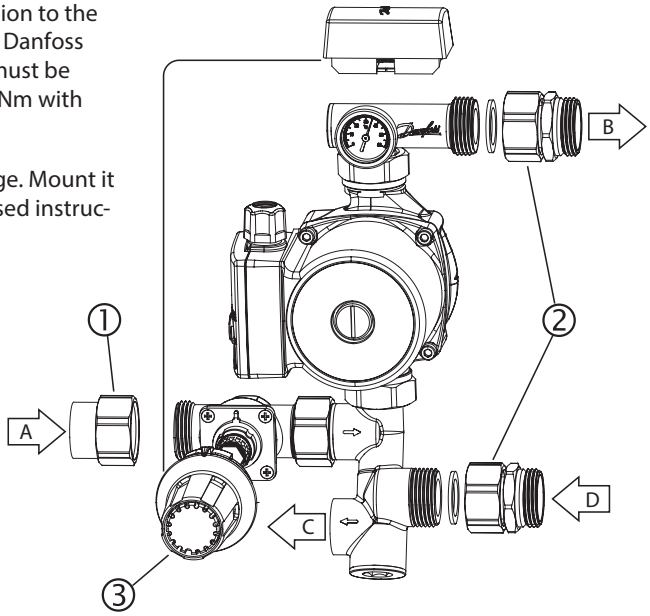
Installation overview



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

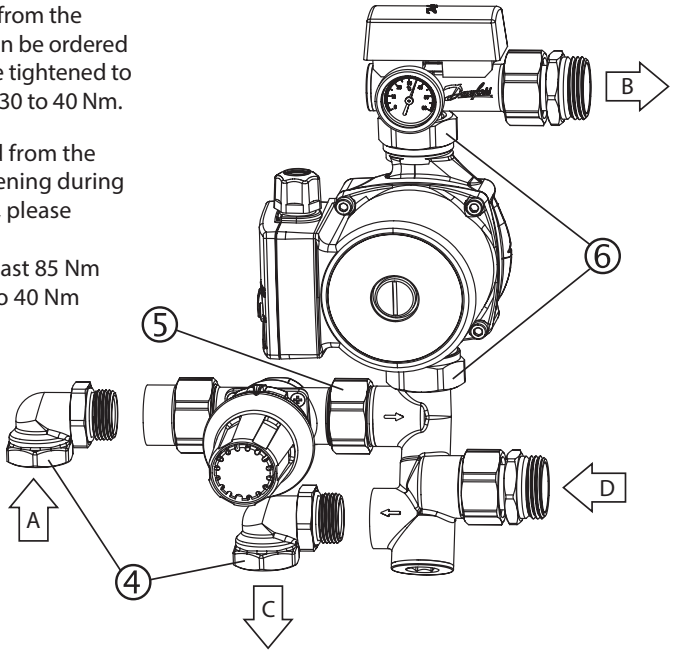
C Return of primary side

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



A Flow of primary side

B Flow of secondary side

C Return of primary side

D Return of secondary side

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