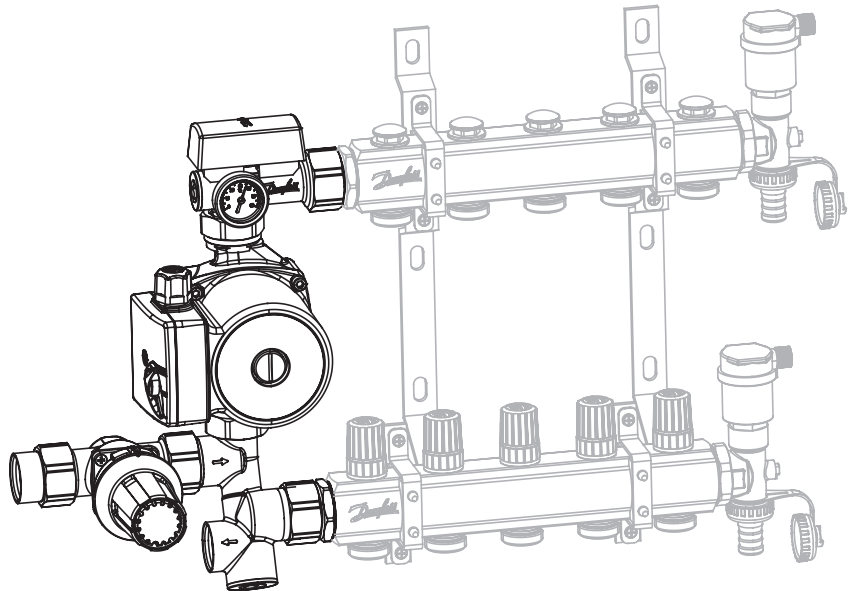


## Installation Guide

# FHM-CN1

## Pre-assembled Mixing Shunt





## Installation overview

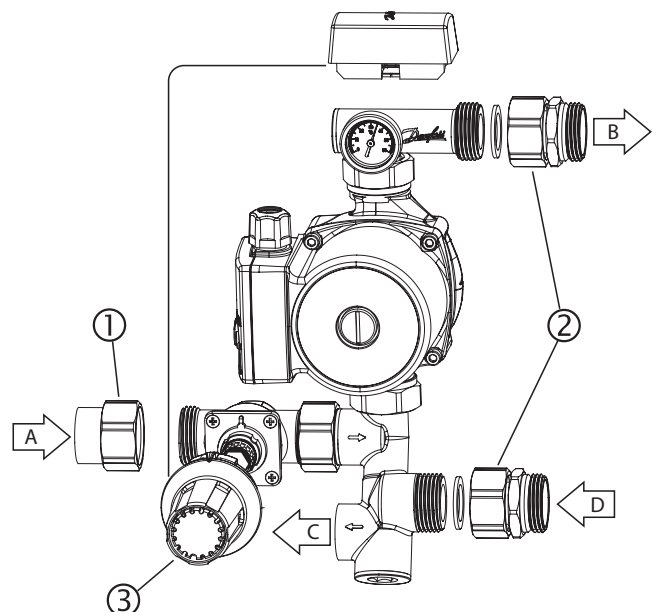


## Installation procedure

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





1. Pre-mounted union nut (1) 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 (2) 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 15 to 25 Nm with enclosed rubber gasket.
3. FTC thermostatic sensor is in package. Mount it on the valve according to the enclosed instruction.

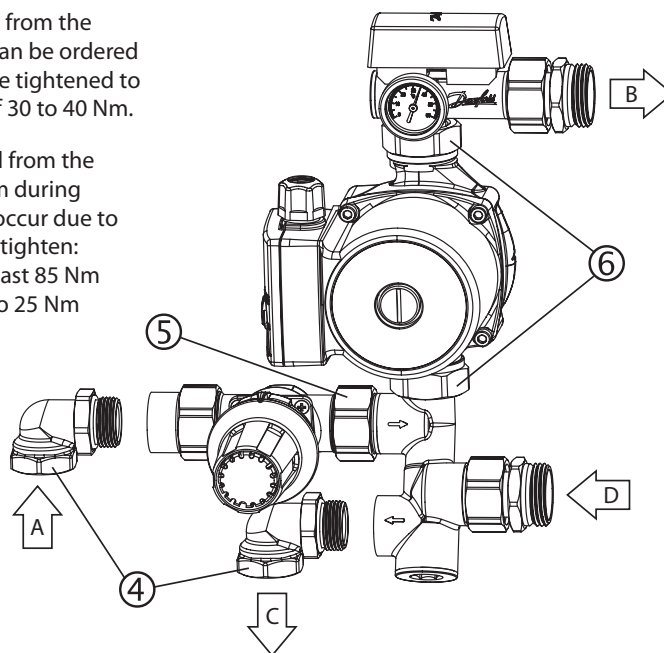
-  Flow of primary side
-  Flow of secondary side
-  Return of primary side
-  Return of secondary side



## 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. Please double check them during installation. If loosening or leaks occur due to transportation or moving, please tighten:
  - connection 5 at a torque of at least 85 Nm
  - connection 6 at a torque of 15 to 25 Nm

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



## RoHS compliance

Part Name	Hazardous Substances Table					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Pump	X	O	O	O	O	O
Brass parts	X	O	O	O	O	O

- O: Indicates that this hazardous substance contained in all of the homogeneous material for this part is below the limit requirement in GB/T 26572.
- X: Indicates that this hazardous substance contained in at least one of the homogeneous material for this part is above the limit requirement in GB/T 26572.

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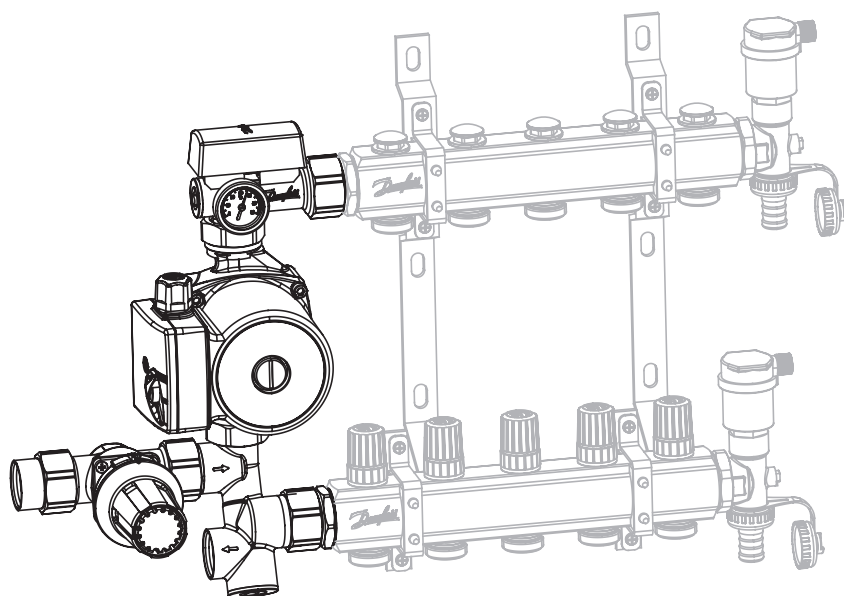
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## 安装指南

# FHM-CN1

## 整体式混水中心

## 安装概览



## 安装步骤

必须按图示要求将 FHM-CN1 连接至系统。

先将图中所示活接 (1) 装到一次侧供水管上。再将活接与控制阀进行连接，并用不小于 85 Nm 的力矩拧紧螺母，该活接与阀体的连接为硬密封，连接时勿需使用任何密封材料。

将图中所示活接 (2) 先装到二次侧供回水管上或丹佛斯分集水器上。再将活接与混水中心连接，密封材料为产品附带的密封橡胶垫片，并用 15-25 Nm 的力矩拧紧螺母。

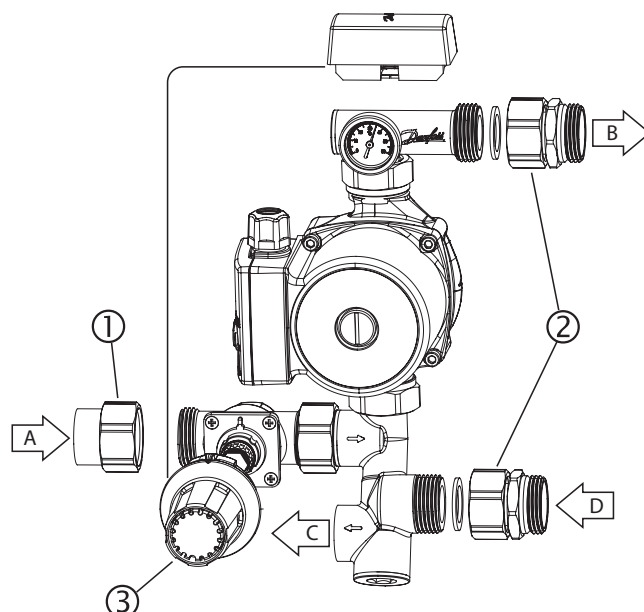
FTC 恒温阀头在包装内。根据随附说明将其安装到阀门上。

➡ A 一次侧供水

➡ B 二次侧供水

➡ C 一次侧回水

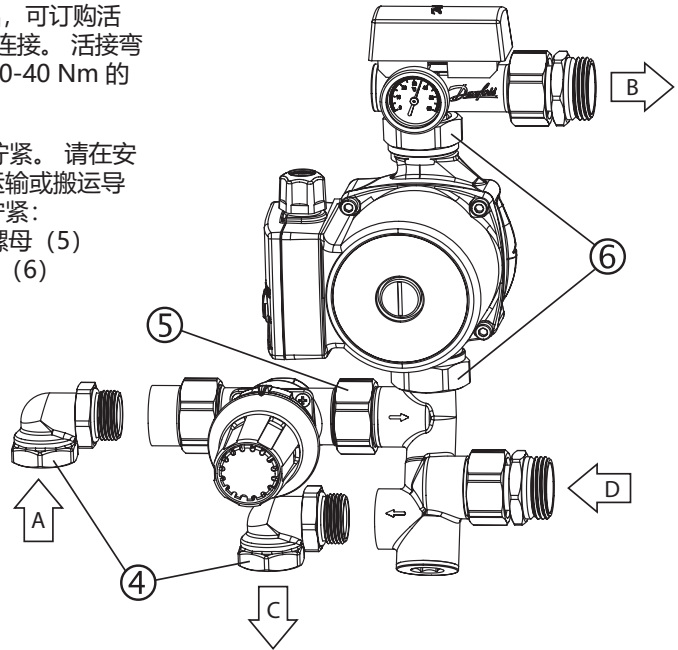
➡ D 二次侧回水



## 小贴士

1. 如果一次侧供回水管是底进底出，可订购活接弯头 (4) (088U0821) 进行连接。活接弯头与混水中心连接的螺母应用 30-40 Nm 的力矩拧紧。
2. 连接件 (5) 和 (6) 出厂时已拧紧。请在安装时再次检查，如果发现由于运输或搬运导致松动或泄漏，请按如下所述拧紧：
  - 用不小于 85 Nm 的力矩拧紧螺母 (5)
  - 用 15-25 Nm 的力矩拧紧螺母 (6)

- A → 一次侧供水  
 B → 二次侧供水  
 C → 一次侧回水  
 D → 二次侧回水



## RoHS 指令

部件名称	有害物质含量表					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
水泵	X	O	O	O	O	O
铜制部分	X	O	O	O	O	O

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

## 丹佛斯(中国)投资有限公司

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