

Hydronic balancing and Control | AB-QM 4.0 CO6 Flexo

Enhance heating + cooling efficiency with fast and easy to use prefab PICV connection set

The AB-QM 4.0 CO6 Flexo standardized prefab connection set is a compact and time saving solution for hydronic balancing, control and servicing of radiant panels, chilled beams or other terminal units suited for hydronic HVAC four-pipe heating and cooling change-over systems. It makes it easy to engineer, install and service these highly energy-efficient HVAC systems which provide users optimal comfort at all times.

125mm

Built-in height
including actuators
minimizes ceiling
space requirement



Reduce failure costs standardize with AB-QM 4.0 CO6 Flexo

The Danfoss AB-QM 4.0 CO6 Flexo standardized prefab connection set is an innovative solution to make the design, installation and service on radiant panels or chilled beams in four-pipe heating and cooling change-over systems easier, faster and more reliable. All the components are pre-assembled into a compact sized connection set. With a built-in height of just 125 mm, the set will match all requirements. The special 'click-fit' connections ensure watertight connections and provide maximum installation flexibility. They also allow fast and easy disassembly and replacement of the AB-QM 4.0 or ChangeOver6 valves. Each individual set is pressure tested after it is assembled.

Includes AB-QM 4.0 high-accuracy PICV

Danfoss AB-QM 4.0 is the main component in the connection set. It ensures perfectly balanced heating and cooling design flows at both full- and partial load conditions for ultimate energy-efficiency.

For more information simply go to

ABQM40.danfoss.com

Recommended NovoCon® digital IoT actuators

Danfoss NovoCon® S and matching NovoCon® CO6 change-over actuators ensure high-accuracy temperature control, optimized heating/cooling sequence and provides a BACnet or Modbus connected BMS systems with extended HVAC system data. For more information simply go to

NovoCon.danfoss.com

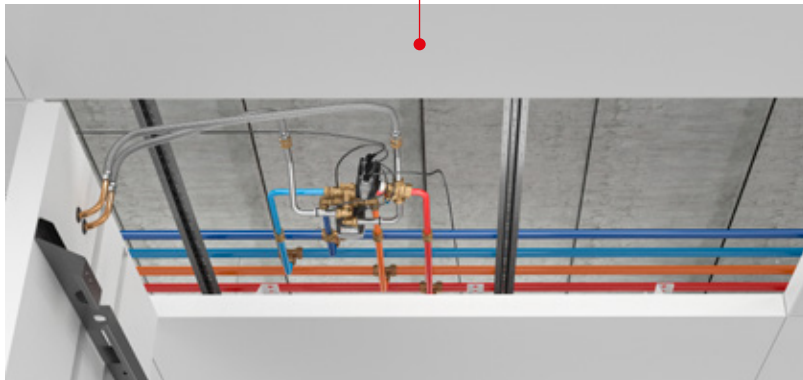
Application example:

Recommended actuators:

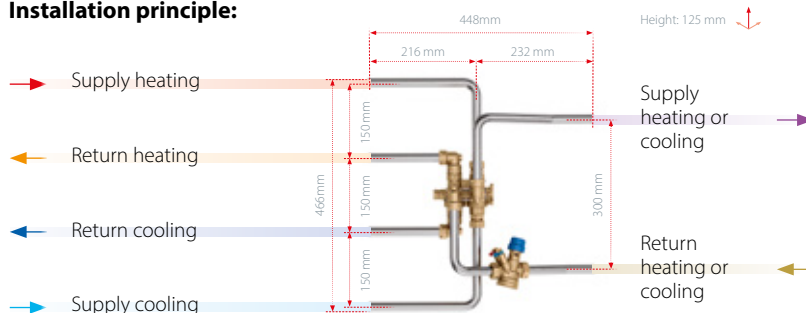
NovoCon® S

and

NovoCon® CO6



Installation principle:



AB-QM 4.0 CO6 Flexo technical data

Nominal diameter / Nominal pressure
DN 15 / PN 16

Connections
18 mm or 1/2" internal thread

Center-to-center distances

- Primary side supply – return: 150 mm
- Primary side supply – supply: 450 mm
- Secondary side supply – return: 300 mm
- Height incl. actuators: 125 mm

Design flow range DN15

- Low Flow (LF) 19-190 l/h
- Normal Flow 70-700 l/h

Available actuators

- NovoCon® S - Digital IoT actuator
- NovoCon® CO6 - Change-over actuator
- NovoCon® CO6 Energy - Change-over actuator with set of PT1000 temperature sensors
- AME 110NL(X) - Modular gear actuator
- ChangeOver6 - Change-over actuator

Datasheet

Click [here](#) to open the datasheet

Danfoss A/S

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