

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](http://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](http://NovoCon.danfoss.com)

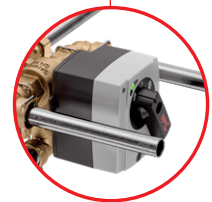
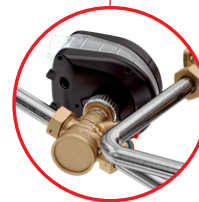
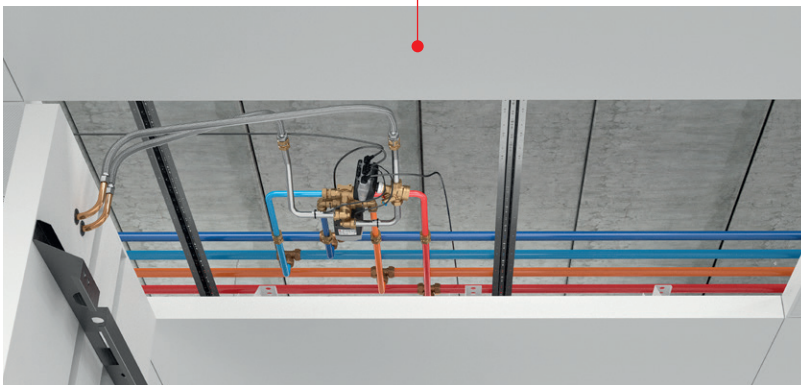
## Application example:

Recommended actuators:

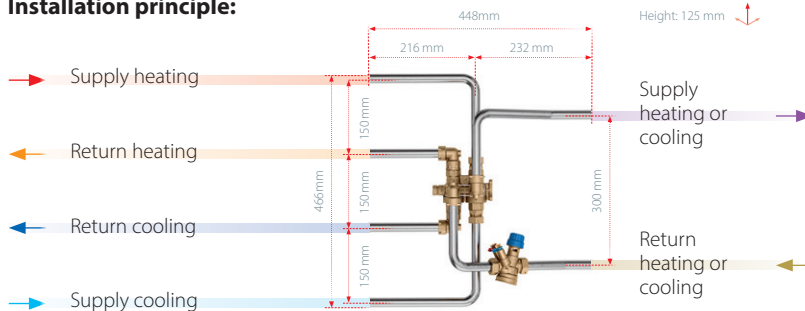
**NovoCon® S**

and

**NovoCon® CO6**



## Installation principle:



### AB-QM 4.0 CO6 Flexo technical data

<b>Nominal diameter / Nominal pressure</b>	DN 15 / PN 16
<b>Connections</b>	18 mm or 1/2" internal thread
<b>Center-to-center distances</b>	<ul style="list-style-type: none"> <li>• Primary side supply – return: 150 mm</li> <li>• Primary side supply – supply: 450 mm</li> <li>• Secondary side supply – return: 300 mm</li> <li>• Height incl. actuators: 125 mm</li> </ul>
<b>Design flow range DN15</b>	<ul style="list-style-type: none"> <li>• Low Flow (LF) 20-200 l/h</li> <li>• Normal Flow 65-650 l/h</li> </ul>
<b>Available actuators</b>	<ul style="list-style-type: none"> <li>• NovoCon® S - Digital IoT actuator</li> <li>• NovoCon® CO6 - Change-over actuator</li> <li>• NovoCon® CO6 Energy - Change-over actuator with set of PT1000 temperature sensors</li> </ul>
	<ul style="list-style-type: none"> <li>• AME 110NL(X) - Modular gear actuator</li> <li>• ChangeOver6 - Change-over actuator</li> </ul>
<b>Datasheet</b>	Click <a href="#">here</a> to open the datasheet

### Danfoss A/S

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