



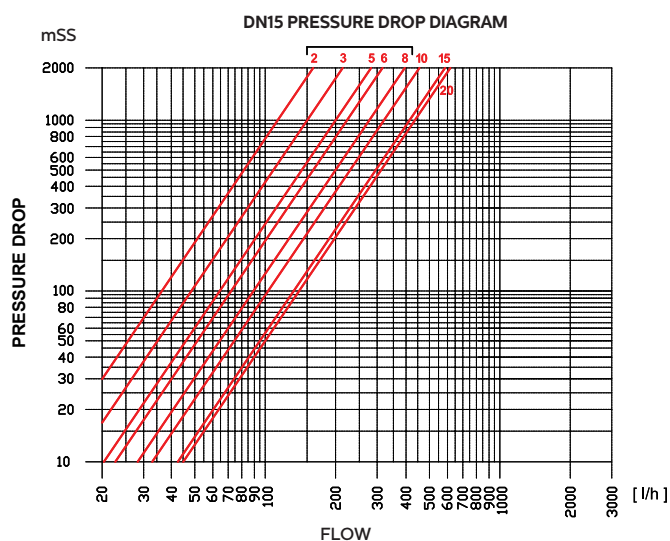
MOTORIZED VALVE/ FCU ON-OFF / 2 WAY

GENERAL FEATURES

Depending on the hot or cold water inside the fancoil, it brings the ambience to the desired temperature.

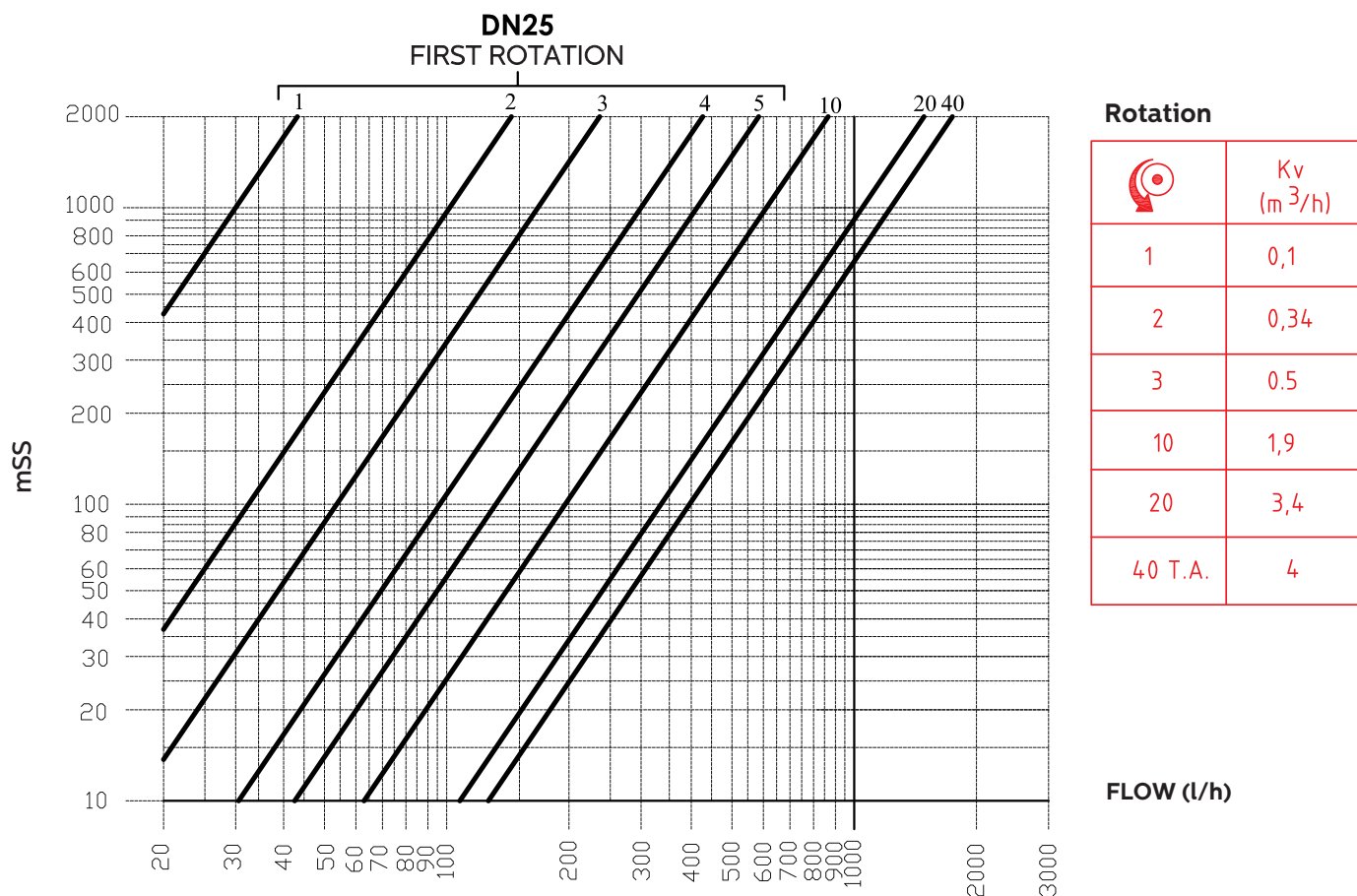
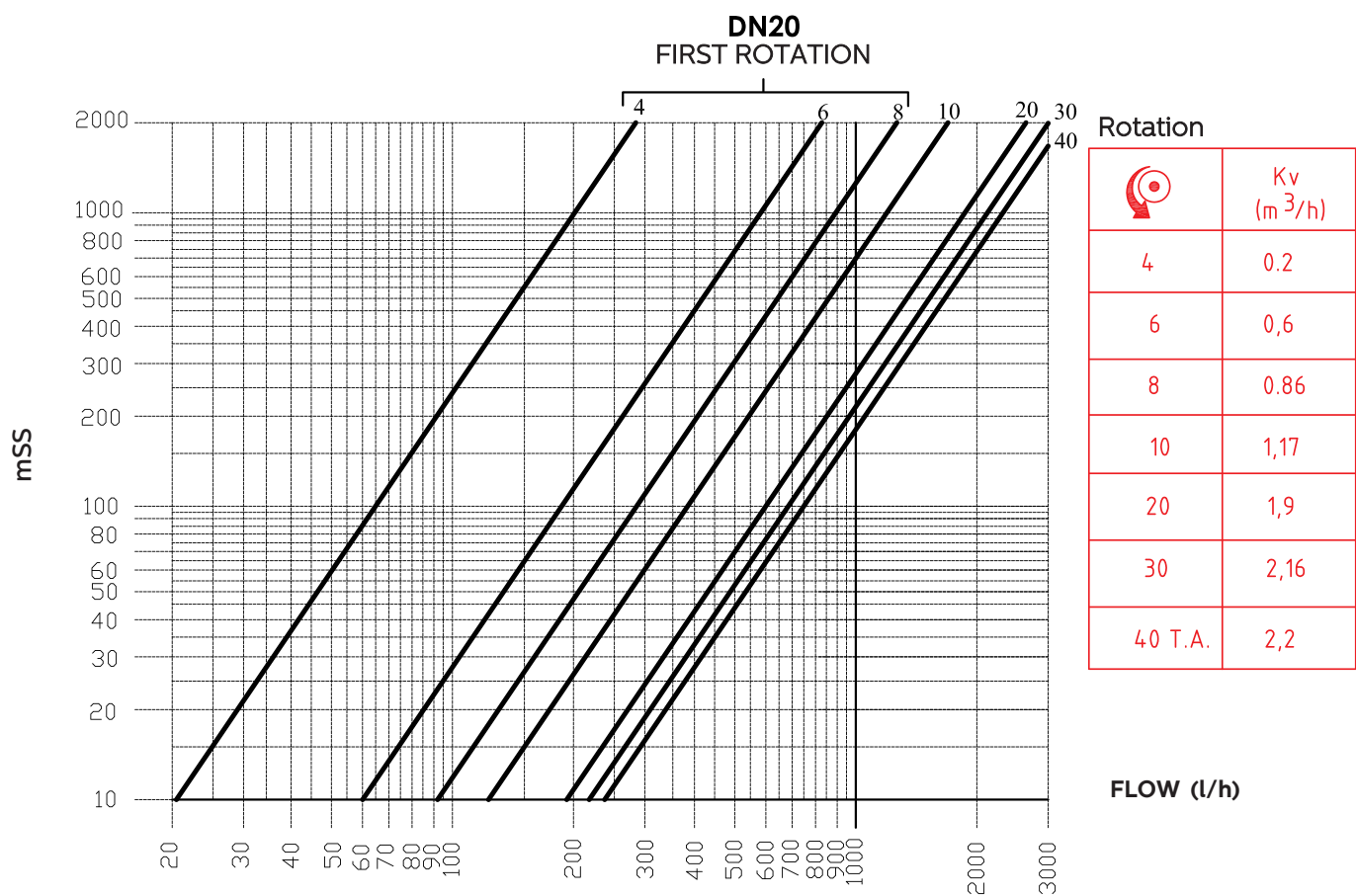
Control valves are used for controlling the flow of water in heating and cooling systems. When the desired heat is supplied in the ambience, the control valve cuts off the flow (2-way valve) or cuts off the flow to allow the return path (3-way valve) to continue. The 3-way FCU valves can be used as separators or mixers with the help of valve motor.

On-off normally closed valves are preferred because of their low kvs.



SPINDLE SETTINGS	
POSITION	<i>Kv</i> (m ³ /h)
 2	0,36
3	0,48
5	0,63
6	0,71
8	0,88
10	1,02
15	1,31
20	1,39

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FAN-COIL VALVE ACTUATORS

Compact valve actuators are easy to mount on valves that control heating or cooling water, allowing on / off or proportional control of these valves. The actuator performs the opening / closing of the valve with the command it receives from the controller. On-off versions (with 230 V and 24 V, 2 or 4 wires, auxiliary contacts), floating or proportional control are available.

WORKING PRINCIPLE

When the ICMA electrode actuator is connected to any ICMA thermostatic valve, the cutter automatically slides down and closes the valve. The operation of the thermoelectric actuators is installed on the actuator by the PTC thermistor and the thermostatic element connected to the signal sent by the room thermostat (or the timing thermostat).

When the thermostatic element expands, the valve is supplied with the necessary push for automatic movement and gives the contact. When the power is connected, the actuator automatically performs a test to determine the highest and lowest operating position. The highest position is when the valve is fully open and the lowest position is fully closed.

By means of the proportional signal it receives from the room thermostat in the 2/10 V range, the actuator allows the flow of the valve to be arranged in an intermediate position.

The red button on the actuator enables us to understand the on / off status of the eye valve.

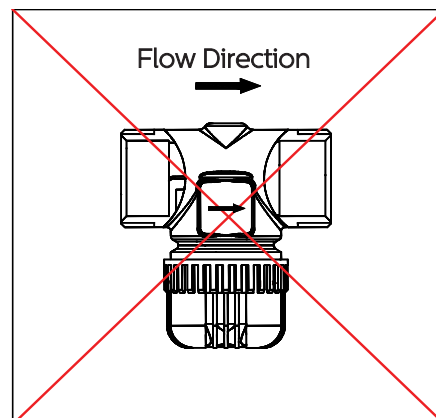
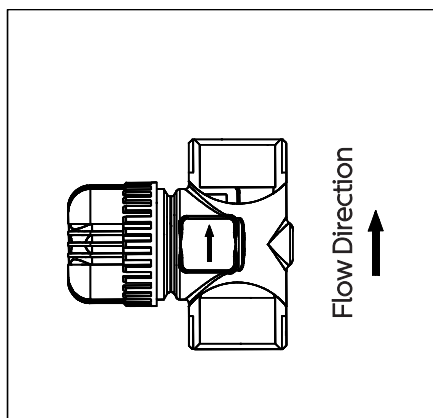
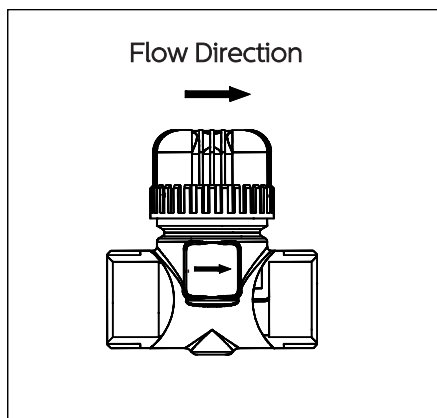
Red Button Down: Valve clack close

Red Button Up: Valve clack open

Installation

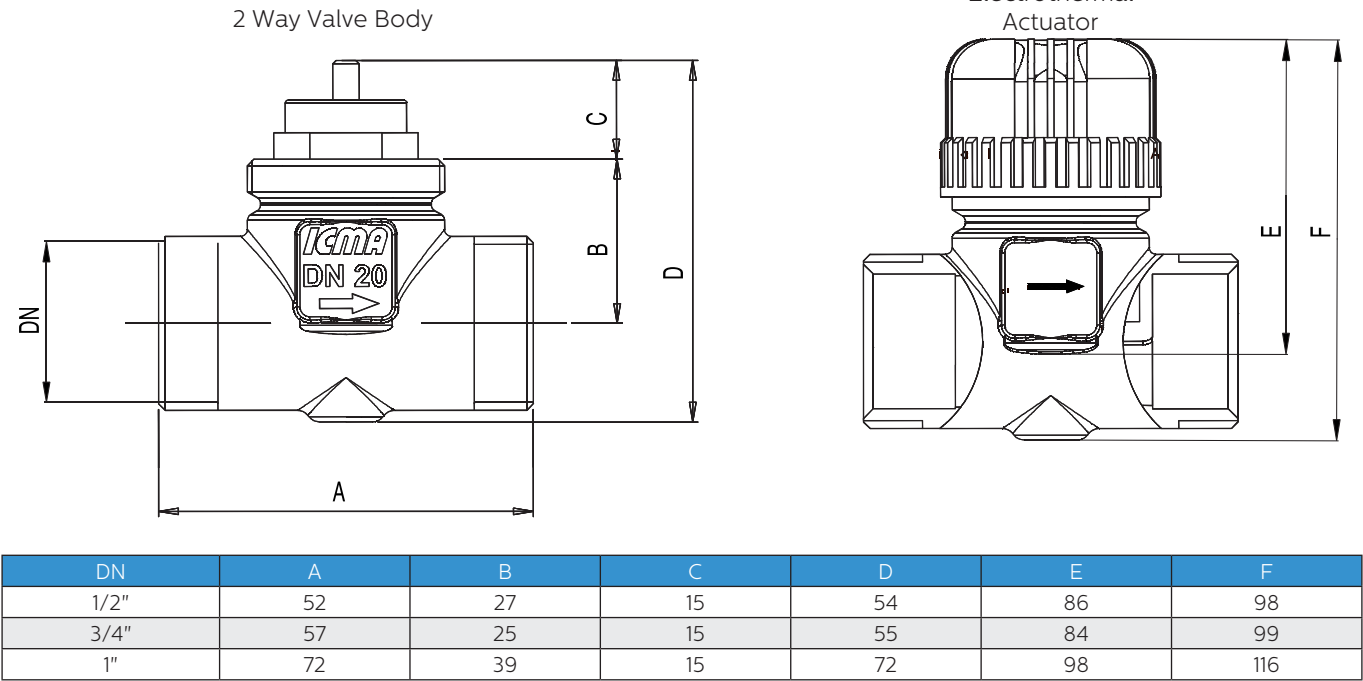
Disconnect the safety caps M28x1,5 or M30x 1.5 from the thermostatic valve.

1. Mount piece numbered as 009 or 010 on the valve according to the thread type of the thermostatic valve (M28x 1.5 or M30x 1.5).
2. Push the electrostatic actuator's locking piece and slide the pins -on the actuator and the locking ring- to the same place .
3. Turn the actuator clockwise while pressing on the locking ring, turn it to the locking position, and rotate the electrode actuator counterclockwise to remove it.

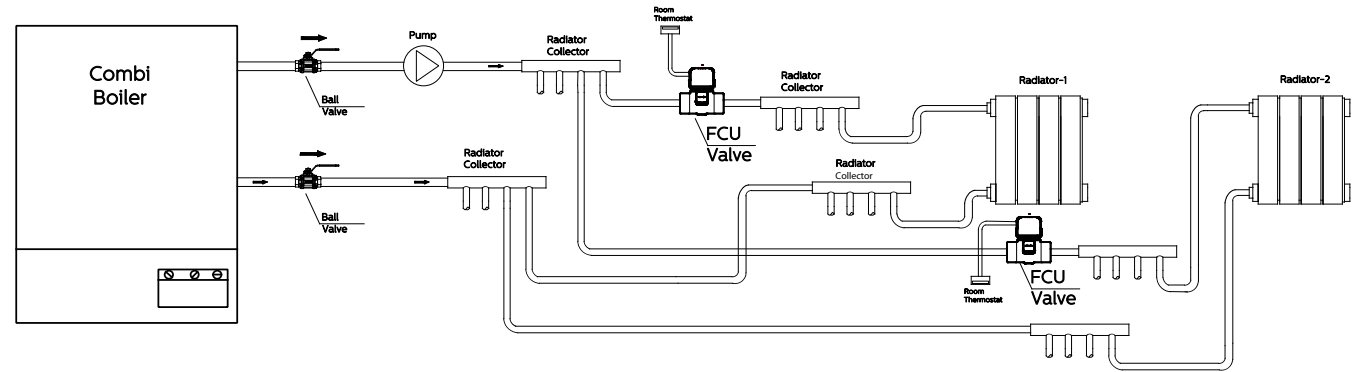


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TECHNICAL SPECIFICATIONS



APPLICATION SAMPLE



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