



## MOTORIZED BALL TWO-WAY ZONE VALVE

For heating and/or air conditioning

### Product informations

The zone valves are aimed at automatically controlling and diverting the fluids in heating, air conditioning and sanitary water systems, these are commanded by a servo-control connected to a room thermostat provided with automatic return function, regulating the ambient temperature. All servomotors are equipped with an auxiliary micro-switch to control the pump, this product, easy to install, shows high hydraulic performance in reduced sizes, this makes it specially suitable for zone heating installations.

*Available with 220 and/or 24 V voltages.*

### Product features

- soft seat ball movement, valve opening torque < 6N
- quick connection system
- the motor can be used manually as a release device in the event of power failure
- highly reliable motor
- high precision gears, in sintered metal materials
- motor start-up torque doubled if compared with the valve body
- quick and repeatable motor lock/unlock, without damaging the motor or the valve

### Technical Features

<b>MAX PRESSURE</b>	10 BAR
<b>POWER SUPPLY</b>	230 VAC - 24 VAC



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<b>OPERATING TEMPERATURE</b>	- 5°C ÷ + 110°C
<b>FLUIDS OF USE</b>	WATER, CASTING SOLUTIONS MAX. 50%
<b>CONNECTIONS</b>	<ul style="list-style-type: none"> <li>• 1/2" MF (SKU 70230)</li> <li>• 3/4" MF (SKU 70231)</li> <li>• 1" MF (SKU 70232)</li> </ul>
<b>MATERIALS</b>	<ul style="list-style-type: none"> <li>• VALVE BODY: BRASS CW617N UNI 12165</li> <li>• CONTROL BEAM: BRASS CW614N UNI 12164</li> <li>• BALL: CW614N UNI 12164 CHROME-PLATED</li> <li>• SEALING SEATS: PTFE</li> <li>• O-RING: EPDM PEROX (HIGH-STRENGTH)</li> <li>• SERVOCONTROL UPPER PROTECTIVE SHELL: TRANSPARENT ABS</li> <li>• SERVOCONTROL LOWER PROTECTIVE SHELL: NYLON 66 BLACK</li> </ul>
<b>DEGREE OF PROTECTION</b>	<ul style="list-style-type: none"> <li>• VERTICAL CONTROL BEAM: IP44 (PROTECTED AGAINST SPLASHING WATER FROM ANY DIRECTION AND PROTECTED AGAINST THE INGRESS OF SOLID OBJECTS LARGER THAN 1 MM)</li> <li>• CASING: IP40 (NOT PROTECTED AGAINST THE INGRESS OF FLUIDS, PROTECTED AGAINST THE INGRESS OF SOLID OBJECTS LARGER THAN 1MM)</li> </ul>
<b>ABSORPTION</b>	5 VA
<b>MOVEMENT TIME (90° ROTATION ANGLE)</b>	45 SEC
<b>DYNAMIC START UP TORQUE</b>	12 NM



## Motorized Ball Two-Way Zone Valve

SKU	MODEL	PRICE
00000070230	2 WAY VALVE - 1/2" MF COMPLETE	€194.9 VAT EXCLUDED
00000070231	2 WAY VALVE - 3/4" MF COMPLETE	€196.05 VAT EXCLUDED
00000070232	2 WAY VALVE - 1" MF COMPLETE	€206.65 VAT EXCLUDED
00000070235	ONLY MOTOR WITH RELAY - 230 VAC	€153.7 VAT EXCLUDED
00000070236	ONLY MOTOR WITH RELAY - 24 VAC	€165.7 VAT EXCLUDED
00000070238	VALVE BODY ONLY - 1/2" MF	€40.8 VAT EXCLUDED
00000070239	VALVE BODY ONLY - 3/4" MF	€41.95 VAT EXCLUDED
00000070240	VALVE BODY ONLY - 1" MF	€52.4 VAT EXCLUDED

