De-Mountable 2 and 3 port motorised valves

Features

- Demountable replaceable actuator
- Replaceable synchronous motor
- Wedge type actuation
- Spring return motor
- Manual lever for flushing or filling the system
- Externally threaded valve bodies.

Use

The new demountable actuator range of Siemens motorised valves have been designed for use in domestic heating systems to provide automatic control of the central heating and hot water. Two versions are available: the CMV2.. three-port mid position 22mm and 28mm valve, and the CZV2.. two-port zone valve also available in 22mm and 28mm.

All valves are supplied complete with compression fittings suitable for connecting to copper pipework.

The valves can be controlled by the Siemens Building Technologies room and cylinder thermostats and our RWB range of domestic programmers.
## Application Examples

<table>
<thead>
<tr>
<th>Pumped Central Heating with Gravity hot water (10 programmes)</th>
<th>Mid-Position System (16 programmes)</th>
<th>Zone valve system (16 programmes)</th>
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</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Diagram" /></td>
<td><img src="image2.png" alt="Diagram" /></td>
<td><img src="image3.png" alt="Diagram" /></td>
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### Key

1. Boiler  
2. Hot water cylinder  
3. Pump  
4. Heating Circuit  
5. Programmer RWB  
6. Cylinder thermostat RAM  
7. Three Way Valve CMV..  
8. Room thermostat RAA  
9. Zone valve CZV...

## Wiring Diagrams

<table>
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<tr>
<th>Pumped Central Heating with Gravity hot water</th>
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## Technical Data

- **Standard motor voltage**: 230v 50hz 6w
- **Maximum static pressure**: 8.6 bar
- **Maximum differential pressure**: 0.7 bar, 0.6 bar
- **22mm**  
  - **Water temperature**: 5°C to 88°C  
  - **Maximum ambient temperature**: 50°C  
  - **Valve body**: Brass  
  - **Connections**: 22mm or 28mm compression  
  - **Lead length**: 1 metre  
  - **Switch ratings**: 24v - 230v, AC 3(1)A

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