

# Technical data and ordering information

## DESIGN FEATURES

- Demountable actuator (power head)
- Replaceable motor
- Wedge type actuator
- Spring return operation
- Manual lever for flushing or filling the system
- Industry standard wiring

## OPERATION

### 2 Port valve

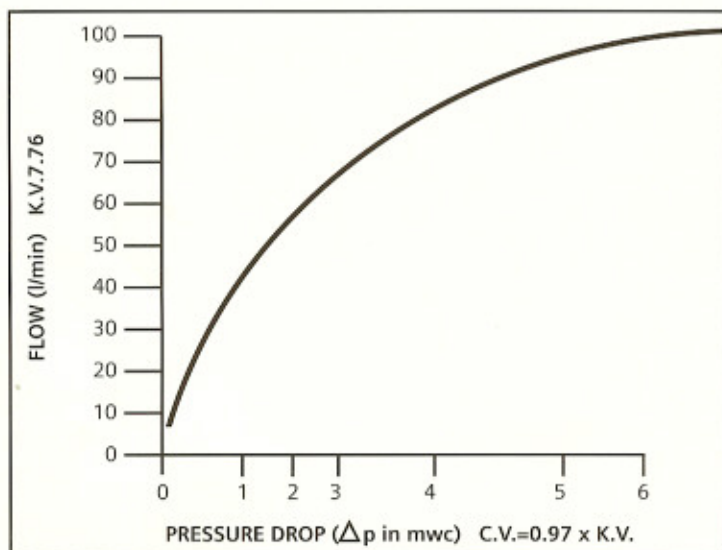
Water flows in through port **A** and out through port **B**

### 3 Port valve

Water flows in through port **AB** and out through port **B** (hot water) when valve is de-energised.

Out through ports **A & B** (hot water and heating) when valve is powered to the mid position.

Out through port **A** (heating) when powered to the fully open position.



## ORDERING INFORMATION

Size	Complete valve and actuator	Part No.
22mm	2 port zone valve 5 wire	CZV222
28mm	2 port zone valve 6 wire	CZV228
22mm	3 port mid position valve	CMV322
28mm	3 port mid position valve	CMV328

Actuator only	Part No.
Actuator CMV valves	DVA3
Actuator CZV 22mm valves	DVA2/5
Actuator CZV 28mm valves	DVA2/6

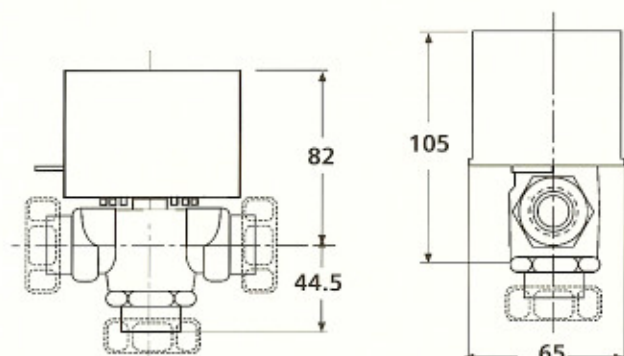
## TECHNICAL DATA

Standard motor voltage	230v 50hz 6w
Maximum static pressure	8.6 bar
Maximum differential pressure	
22mm	0.7 bar
28mm	0.6 bar
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

## VALVE OPERATION

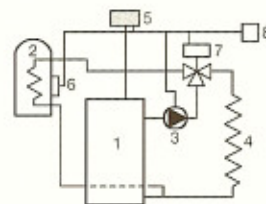
**2 port:** Standard valves - energise to open  
**Mid position:** Heating, hot water or a combination of both.

## Dimensions

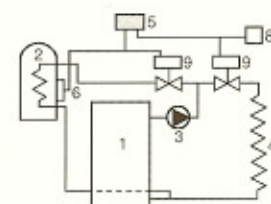


## Application Examples

### Mid-position System (16 programmes)



### Zone Valve System (16 programmes)



#### Key

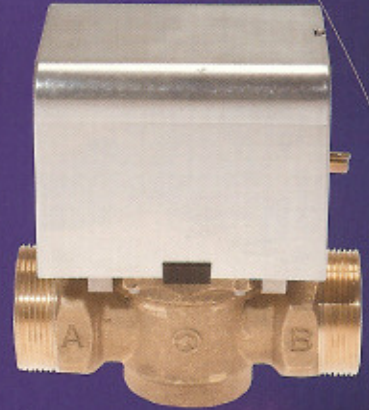
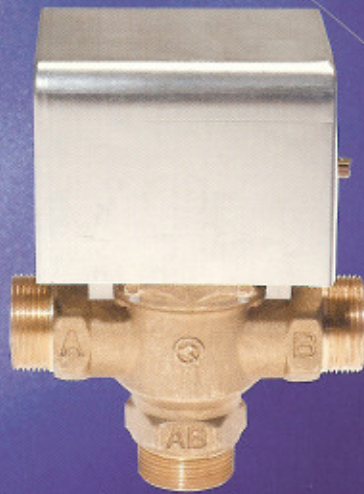
- |                      |                       |
|----------------------|-----------------------|
| 1 Boiler             | 6 Cylinder thermostat |
| 2 Hot water cylinder | 7 Three-way valve     |
| 3 Pump               | 8 Room thermostat     |
| 4 Heating circuit    | 9 Zone valve          |
| 5 Programmer RWB     |                       |

# SIEMENS



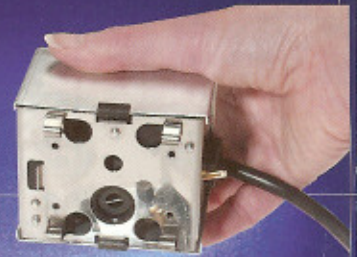
Energy Efficiency recommends these products only when installed according to Government Good Practice Guide 302.

Building Technologies



*The new range of Siemens motorised valves all come with de-mountable actuators for ease of installation and maintenance and in conjunction with the Siemens range of thermostats and programmers will provide automatic control of your heating and hot water.*

*They will also ensure compliance with part L of the building regulations.*



Motorised Valves

