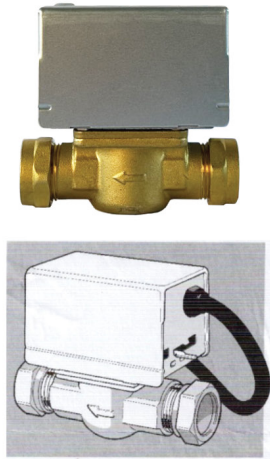


230v 22mm motorized valves

These motorized zone valves have been designed to control the flow of water in iron and copper pipe systems. Although specifically designed for small bore central heating systems, the valve can be used in commercial and industrial applications.

- Power Supply: 230 Volts AC 50Hz
- Switch Rating: 2.2A
- Switch Type Power: SPST (22mm)
- Consumption: 6W
- Ambient Temperature: 50°C max
- Flow Temperature: 5°C to 88°C max
- Static Pressure: 8.6 bar max



| Product Code | Product Description |
|--------------|---------------------------------|
| TIOMZV-22-2 | 2-way 230v 22mm motorized valve |

Application

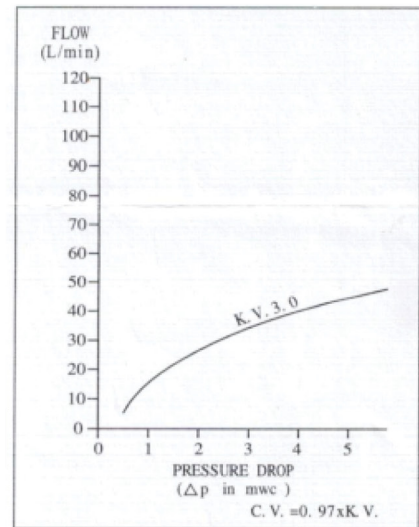
The motorized zone valve has been designed to control the flow of water in iron and copper pipe systems. Although specifically designed for small bore central heating systems, the valve can be used in commercial and industrial applications.

Specification

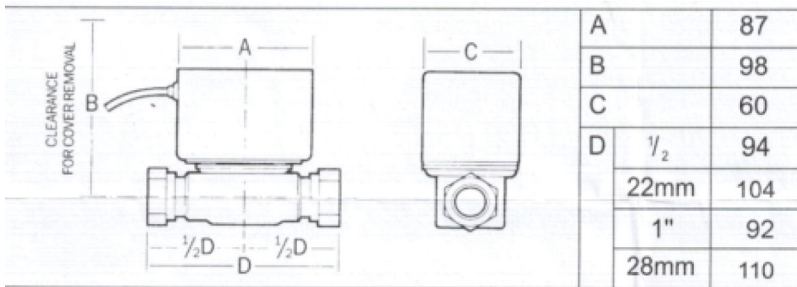
| | |
|---------------------|---|
| Power Supply | 230 Volts AC 50Hz |
| Switch Rating | 2.2A |
| Switch Type Power | SPST (22mm) |
| Consumption | 6W |
| Timings (Nominal) | On: 12 seconds under power Off: 6 seconds under spring return |
| Ambient Temperature | 50°C max |
| Flow Temperature | 5-88°C max (Special models available for chilled water applications) |
| Static Pressure | 8.6 bar max |
| Flow Direction | As per arrow on valve body |

NOTE: Continuous operation of the valve motor at the fully open position is not recommended.

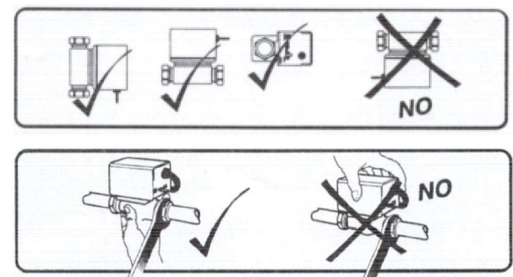
Flow Characteristics



Dimensions (mm)



TAKE CARE NOT TO OVERTIGHTEN.



Installation

Incorporating a manual lever, the lever should normally be in 'AUTO' position, but can be moved to 'MAN OPEN' position for system drain down and filling purposes only. Before fitting the valve, read through the plumbing and wiring instructions.

Plumbing

The valve may be plumbed in at any angle but must not be mounted so that the valves head is below the horizontal level of the pipework. In the unlikely event of a leak, a safety hazard could result.

Do not grip the valve head while making and tightening up plumbing connections. Attach a spanner (32mm or 1W'AF) onto the valve body at each port, whilst tightening up the nuts. Tighten compression nuts enough to make a watertight seal.

Wiring

