

# Two Port & Mid Position Valves

## Motorised Valves

The Drayton 2 port, diverter and mid-position valves are available in 22mm and 28mm.

All models feature “snap-on” actuators and have industry-standard wiring and dimensions.



### Features:

- “Snap-on” actuators can be removed at the push of a button
- 2 Port, diverter and mid-position available in 22mm and 28mm
- 100% tight shut off
- Manual lever and valve position indicator
- Spring return
- Replaceable actuators
- Replaceable motors
- Simple industry-standard wiring
- Complete assembly easily replaces most makes

### Getting Technical

| Model  | Motorised Valves   |
|--|--|
| Standard motor voltage                                   | 230V a.c. 5 watts  |
| Valve operation<br>2 Port:<br>Diverter:<br>Mid-position: | Standard valves – energise to open<br>Energise to open port A<br>Heating, hot water or a combination of both |
| Operating time<br>2 Port:<br>Diverter:                   | Motor 14 secs., spring return 6 secs.<br>Motor 12 secs., spring return 6 secs.                               |
| Max. static pressure                                     | 8.6 bar  |
| Max. differential pressure                               | 0.7 bar  |
| Water temperature  | 93°C max., 2°C min   |
| Max. ambient temperature                                 | 52°C   |
| Valve body   | Brass forging  |
| Connections  | 22mm compression;<br>28mm compression  |
| Lead length  | 1 Metre  |
| Switch ratings   | 24v – 230V a.c. 3(1)A  |

### Motorised Valves

| Product   | Part No. |
|---|----------|
| <b>Complete valve and actuator</b>              |          |
| 22mm 2 Port zone valve - 5 wire SPST switch     | 27100    |
| 22mm Mid-position valve - 6 wire SPDT switch    | 27101    |
| 22mm 3 Port diverter valve - no switch          | 27102    |
| 22mm 3 Port diverter valve - 5 wire SPST switch | 27111    |
| 28mm 2 Port zone valve - 6 wire SPDT switch     | 27205    |
| 28mm Mid-position valve - 6 wire SPDT switch    | 27206    |
| 28mm 3 Port diverter valve - no switch          | 27207    |

### Spare valve bodies

|                  |       |
|------------------|-------|
| 22mm 2 Port body | 27600 |
| 22mm 3 Port body | 27602 |
| 28mm 2 Port body | 27601 |
| 28mm 3 Port body | 27603 |
| 34" 2 Port body  | 27621 |
| 34" 3 Port body  | 27622 |
| 1" 2 Port body   | 27623 |
| 1" 3 Port body   | 27624 |

### Spare actuators

|   |       |
|---|-------|
| 3 Wire Zone valve 320V actuator - no switch   | 27652 |
| 5 Wire Zone valve 230V actuator - SPST switch | 27650 |
| 6 Wire Zone valve 230V actuator - SPDT switch | 27653 |
| 3 Wire Zone valve 24V actuator - no switch    | 27654 |
| 5 Wire Zone valve 24V actuator - SPST switch  | 27656 |
| 5 Wire Zone valve 24V actuator - SPST switch  | 27657 |
| Mid-position actuator 230V                    | 27651 |

### Spare Motor

|                        |       |
|------------------------|-------|
| Synchronous Motor Pack | 27011 |
|------------------------|-------|