



Motorised Valves

Drayton

by **Schneider** Electric

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.

Made for simplicity

- “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

| Complete Valve and Actuator | Part No. |
|---|----------|
| 22mm 2 Port zone valve - 5 wire SPST switch | 27100 |
| 22mm Mid-position valve - 5-wire SPST 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 |

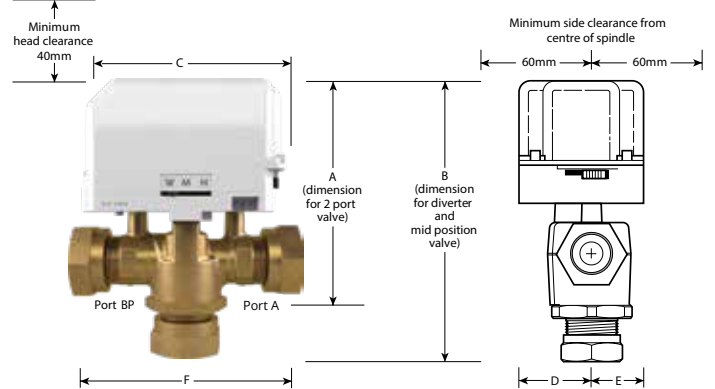
| Spare valve bodies | Part No. |
|--------------------|----------|
| 22mm 2 Port body | 27600 |
| 22mm 3 Port body | 27602 |
| 28mm 2 Port body | 27601 |
| 28mm 3 Port body | 27603 |

| Spare actuators | Part No. |
|---|----------|
| 3 Wire Zone valve 230V 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 | Part No. |
|-----------------------------|-------------|
| Synchronous motor pack 230V | 27011 |
| Synchronous motor pack 24V | 06170002001 |

How we measure up

Dimensions – see table below for dimensions



| Model | A | B | C | D | E | F |
|---|-----|-----|-----|----|----|-----|
| 22mm 2 Port zone valve - 5 wire SPST switch | 120 | - | 105 | 43 | 27 | 110 |
| 22mm Mid-position valve - 5-wire SPST switch | - | 145 | 105 | 43 | 27 | 110 |
| 22mm 3 Port diverter valve - no switch | - | 145 | 105 | 43 | 27 | 110 |
| 22mm 3 Port diverter valve - 5 wire SPST switch | - | 145 | 105 | 43 | 27 | 110 |
| 28mm 2 Port zone valve - 6 wire SPDT switch | 117 | - | 105 | 43 | 27 | 124 |
| 28mm Mid-position valve - 6 wire SPDT switch | - | 150 | 105 | 43 | 27 | 124 |
| 28mm 3 Port diverter valve - no switch | - | 150 | 105 | 43 | 27 | 124 |

Getting technical

| | Motorised Valves |
|----------------------------|---|
| Standard motor voltage | 230V a.c. ≈ 5W |
| Valve operation | Standard valves – energise to open |
| 2 Port: | Energise to open port A |
| Diverter: | Heating, hot water or a combination of both |
| Mid-position: | |
| Operating time | |
| 2 Port: | Motor 14 secs., spring return 6 secs. |
| Diverter: | Motor 12 secs., spring return 6 secs. |
| Max. static pressure | 8.6 bar |
| Max. differential pressure | 0.7 bar |
| Flow characteristics | 22 mm Kv 5.0 28 mm Kv 7.0 |
| Water temperature | 93°C max., 2°C min |
| Max. ambient temperature | 52°C |
| Valve body | Brass forging |
| Connections | 22mm compression; 28mm compression |
| Lead length | 1 Metre |
| Switch ratings | 24V – 230V a.c. 3(1)A |

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