



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.

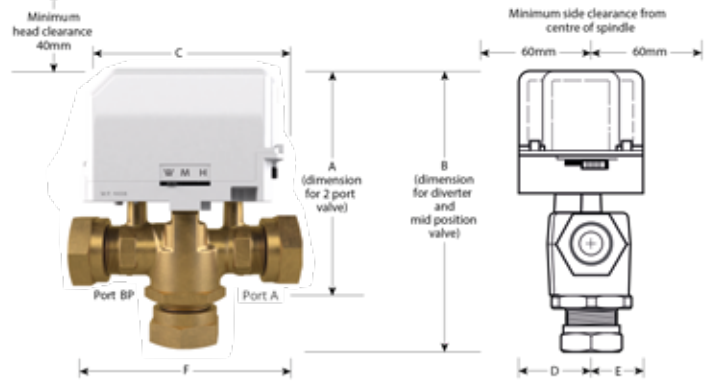
Made for simplicity

- “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	Motor 14 secs., spring return 6 secs.
2 Port:	
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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