

Series M2 / 3V... Motorised Zone Valves



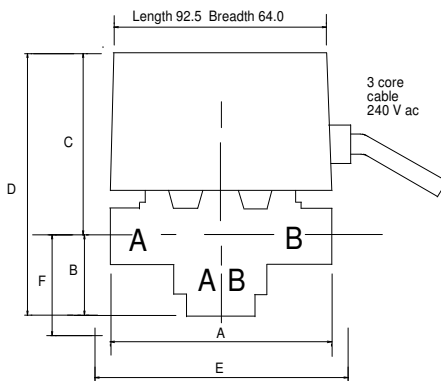
These 24 & 230 Vac Drive Open/Closed , Spring Return Diverting Valves are ideal for temperature control of:

Chilled Water and/ or H.W.S. Fan-Coils & Convector Zoning of Heating Systems.

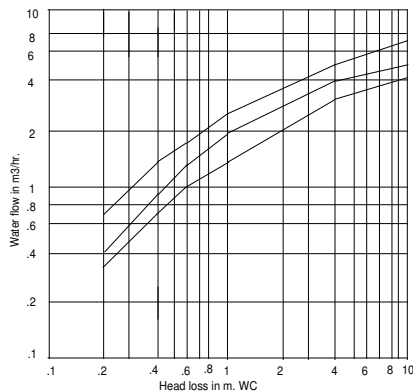
General Specifications

- Port seal: ethylene-propylene
- Two viton "O" rings ensure leak-proof body.
- Brass Body: to DIN 17.660/N BS.2872
- Min/Max Fluid Temp: 2 °C & 110 °C
- Max. Ambient Temp; 60 °C
- Max. Static Pressure: 10 Bar
- Max Differential Pressure:
 - models 1/2" , 3/4" , 15mm. & 22mm. - 1.5 bar.
 - models 1" , & 28mm - 1.0 bar
- Opening Times: 2- way = 12 secs. 3 way = 10 secs.
- Closing Times: 2- way = 8 secs. 3 way = 5 secs.
- Models with auxillary switches available.

Technical Specs & Model Selection



E & F : are overall dimensions with compression fittings assembled



Model	Size	Dimensions					
		A	B	C	D	E	F

2 – Way Screw B.S.P.F. Normally Closed

M2V-1/2	1/2"	94	29	84	113		
M2V-3/4	3/4"	94	29	84	113		
M2V-1	1"	94	29	84	113		

3 – Way Screw B.S.P.E.

M3V-1/2	1/2"	94	35	84	119		
M3V-3/4	3/4"	94	35	84	122		
M3V-1	1"	94	39.5	84	123.5		

3 – Way. Compression.

M3V-15	15mm	94	44.5	84	126	114	54.6
M3V-22	22mm	94	44.5	84	126	114	54.6
M3V-28	28mm	94	44.5	84	126	114	54.6

Flow Specs

2-Way: A to B

3-Way: AB Common input and flow is to A & B.

On loss of elect. Power valves move to close eg. A closed

Electrical Specs.

24 or 230 Vac – spec. when ordering.

Power Consumed: 6 Watt.

600mm cable: Switch Live – Brown

Neutral: - Blue

Earth: - Green