

Zone Valve

M22FA+V.F.A

On/Off Motorized 2/3 Way Zone Valve

【Description】

M22FA+V.F.A valve is suitable for a fan coil unit device. It has 2-way and 3-way models. Room temperature can be maintained at a comfortable situation by control hot or cold water to go through the valve with a thermistor.

【Features】

- This device put an actuator and a two or three way valves together. It is ease for maintenance.
- Valve can 100% close with leaking.
- Low friction coefficient material for the cam in actuator. Makes it durable.
- Two wires control, with spring return.
- Work with heat or cool water.



【Specification】

Actuator			Valve				
Model	Power	Run Time	Model	Size	Type	Kvs	Max. Diff Pressure
M22FA	230VAC, 50~60Hz	Open 10~15s Close 4~5s	V2F2A	DN15	2 WAY	2.2 m ³ /h	2.0 Bar
			V2F3A	DN20		3.0 m ³ /h	1.8 Bar
			V2F4A	DN25		6.9 m ³ /h	1.5 Bar
			V3F2A	DN15	3 WAY	2.6 m ³ /h	2.0 Bar
			V3F3A	DN20		3.4 m ³ /h	1.8 Bar
			V3F4A	DN25		6.5 m ³ /h	1.5 Bar

*Kvs=0.857Cvs, Cvs= 1.167Kvs, 1Bar=100Kpa=1.02Kg/cm²=0.069Psi

M o t o r : Syncmotor

P o w e r : 7W

W i r e : 2 wire

C o n t r o l : ON-OFF type

Case Grade : IP20

Temperature. : 0 ~ 50°C(no condense)

Certification : CE

-EMC89/336/EEC , 93//68/EEC

-Low voltage 73/23/EEC

Actuator Cover : Duralumin

Actuator Case : Stainless Steel

Valve Body : Brass

S t e m : Stainless Steel

Valve disc : NBR

Body Pressure : 25 Bar

Leaking Rate : 0%

F l u i d : Water

Connection : NPT Inner thread

Fluid Temp. : 0 ~ 90°C

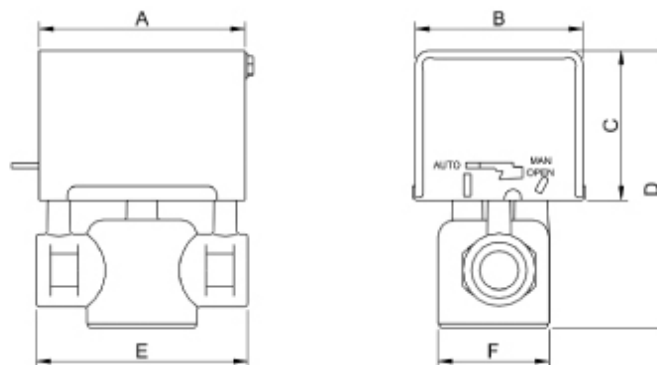
【Installation】

- Make sure the pipe is cleaned before installation.
- Avoids a explosive position.
- Reserve maintenance space on top of the valve when installation.
- The valve should be installed as straight line to the pipe. Avoids the heat source or the vibration position.
- Install the valve at outlet to avoid high/low working temperature.
- 2-way valve. B goes to A when turns ON.
- 3-way valve with mixed inlet. B goes to AB when turns ON.
- 3-way valve with separate outlet. AB goes to B when turns ON.

【Operation】

- To force open the valve. Push the rod to MAN OPEN position.

【Dimension】 unit : mm



Model	Size	A	B	C	D	E	F	Weight(Kg.)
M22FAV2F2A	DN15	83	66	62	105	72	38	0.70
M22FAV2F3A	DN20				105	84	38	0.75
M22FAV2F4A	DN25				107	88	41	0.85
M22FAV3F2A	DN15	83	66	62	118	72	38	0.80
M22FAV3F3A	DN20				119	84	38	0.85
M22FAV3F4A	DN25				124	88	41	100

Above information is for this product. We reserve the right to alter this information without notice

Please refer to <http://www.airtek.com.au> for the most recent updated information.