

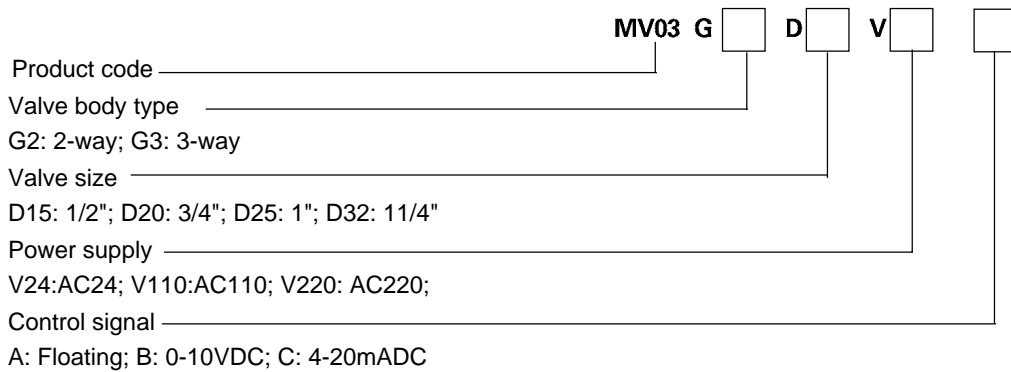
# MV03 Series Floating / Modulating Valves



## General

MV03 series floating/modulating valves are widely used in central air-conditioning cool/heat water system. It can accurately control the flow of cool/heat medium depending upon the requirements of the given application, and can not result in sudden change of temperature and to control the room temperature accurately.

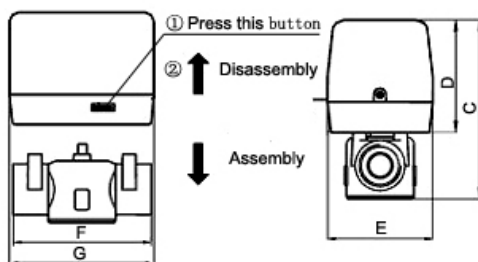
## Model Definition



## Features

- Bi-directional floating proportional control;
- High precision and sensitivity of temperature control;
- Various AC voltages for selection, such as 24V, 110V and 220V, etc;
- Timing protection device (for 24Vac working power supply, it can be assembled for optional), to ensure motor reliable and durable life;
- Built-in electronic card (24V working power supply) can receive 0~10V (for model MV03···B) or 4~20mA (for model MV03···EC) DC input control signal, and provide proportional control;
- The valve actuator and valve body are used tight lock connection. The actuator can be installed after the installation of valve body. It has flexible and convenient assembly.

## Dimensions(mm)



TYPE	DIMENSIONS (mm)				
	C	D	E	F	G
DN15 2-way	115	73	67	80	90
DN15 3-way	125	73	67	80	90
DN20 2-way	115	73	67	89	90
DN20 3-way	127	73	67	89	90
DN25 2-way	117	73	67	93	90
DN25 3-way	139	73	67	93	90
DN32 2-way	131	73	67	105	90
DN32 3-way	146	73	67	105	90



## Specifications and Data

Product Model	Type	Flow Rate (Kv)	Size	Closing -Offper (Mpa)	Control Signal	Bodypres (MPa)	Medium	Fluid temp. (°C)	WORKING TEMP. (°C)	TECHNICAL DATA
MV03G2D15V220A	2-way	3.2	1/2"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	Rated Voltage 220V AC Frequency:50/60Hz Full stroke time: 2-way valve: DN15,DN20 55S, DN25 60S, DN32 80S 3-way valve: DN15,DN20 60S, DN25 65S, DN32 105S
MV03G2D20V220A	2-way	4.6	3/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D25V220A	2-way	6.8	1"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D32V220A	2-way	10.0	1 1/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D15V220A	3-way	3.2	1/2"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D20V220A	3-way	4.6	3/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D25V220A	3-way	5.7	1"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D32V220A	3-way	8.4	1 1/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D15V110A	2-way	3.2	1/2"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	Rated Voltage 110V AC Frequency:50/60Hz Full stroke time: 2-way valve: DN15,DN20 55S, DN25 60S, DN32 80S 3-way valve: DN15,DN20 60S, DN25 65S, DN32 105S
MV03G2D20V110A	2-way	4.6	3/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D25V110A	2-way	6.8	1"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D32V110A	2-way	10.0	1 1/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D15V110A	3-way	3.2	1/2"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D20V110A	3-way	4.6	3/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D25V110A	3-way	5.7	1"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D32V110A	3-way	8.4	1 1/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D15V24A	2-way	3.2	1/2"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	Rated Voltage 24V AC Frequency:50/60Hz Full stroke time: 2-way valve: DN15,DN20 55S, DN25 60S, DN32 80S 3-way valve: DN15,DN20 60S, DN2565S, DN32 105S
MV03G2D20V24A	2-way	4.6	3/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D25V24A	2-way	6.8	1"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D32V24A	2-way	10.0	1 1/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D15V24A	3-way	3.2	1/2"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D20V24A	3-way	4.6	3/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D25V24A	3-way	5.7	1"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D32V24A	3-way	8.4	1 1/4"	0.3	Floating	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D15V24B	2-way	3.2	1/2"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	Rated Voltage 24V AC Frequency:50/60Hz Full stroke time: 2-way valve: DN15,DN20 55S, DN25 60S, DN32 80S 3-way valve: DN15,DN20 60S, DN2565S, DN32 105S
MV03G2D20V24B	2-way	4.6	3/4"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D25V24B	2-way	6.8	1"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D32V24B	2-way	10.0	1 1/4"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D15V24B	3-way	3.2	1/2"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D20V24B	3-way	4.6	3/4"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D25V24B	3-way	5.7	1"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D32V24B	3-way	8.4	1 1/4"	0.3	0 - 10VDC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D15V24C	2-way	3.2	1/2"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	Rated Voltage (for optional): 24V AC Frequency:50/60Hz Full stroke time: 2-way valve: DN15,DN20 55S, DN25 60S, DN32 80S 3-way valve: DN15,DN20 60S, DN25 65S, DN32 105S
MV03G2D20V24C	2-way	4.6	3/4"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D25V24C	2-way	6.8	1"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G2D32V24C	2-way	10.0	1 1/4"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D15V24C	3-way	3.2	1/2"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D20V24C	3-way	4.6	3/4"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D25V24C	3-way	5.7	1"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	
MV03G3D32V24C	3-way	8.4	1 1/4"	0.3	4 - 20mADC	2.1	Chilled/hot water	2 ~ 94	<40	