

VB-2000 SERIES BRASS VALVE

DESCRIPTION

VB-2000 series brass valve is equipped with electrical control device, it can be used to control the flow of vapor or cool / heat water in central air-conditioning, heating, water handling and industrial processing industry system.



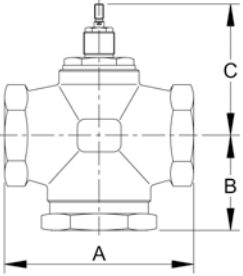
MATERIAL DESCRIPTION AND TECHNICAL DATA

PRODUCT		VB-2000 Standard Valve
MATERIAL	VALVE BODY	Casting brass
	VALVE STEM	Stainless steel AISI 302
	SEALING MATERIAL	Fuon filler and O-ring Nitrile rubber sealing combination
	VALVE PLATE	Forging brass with Nitrile rubber gasket
PRESSURE RATING		1.6MPa (At 95°C)
PIPE CONNECTION		G / BSP
WORKING MEDIUM		Water
FLUID TEMPERATURE		2~94°C
FLOWING CHARACTERISTICS		Equal percentage
LEAKAGE		Less than 0.05% of Kv factor
CLOSING DIRECTION		Valve stem goes up is closing

SPECIFICATIONS AND TECHNICAL DATA

MODEL	TYPE	SIZE (DN)		KV	MAX. DIFF. PRES. (MPa)	STROKE (mm)
		mm	in		FIT WITH VA-21XX	
VB-2200-25	2-Way	25	1"	8	0.6	15
VB-2200-32		32	1¼"	15	0.4	19
VB-2200-40		40	1½"	22	0.3	19
VB-2200-50		50	2"	35	0.2	19
VB-2300-25	3-Way	25	1"	8	0.6	15
VB-2300-32		32	1¼"	15	0.4	19
VB-2300-40		40	1½"	22	0.3	19
VB-2300-50		50	2"	35	0.2	19

DIMENSIONS

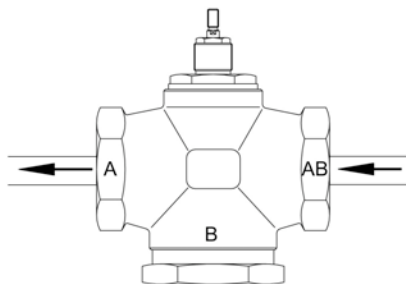
FIGURE	MODEL	DIMENSIONS (mm)		
		A	B	C
	VB-2200-25	110	60	111
	VB-2200-32	120	66	111
	VB-2200-40	130	68	114
	VB-2200-50	145	72	126
	VB-2300-25	110	78	111
	VB-2300-32	120	82	111
	VB-2300-40	130	82	114
	VB-2300-50	145	91	126

INSTALLATION

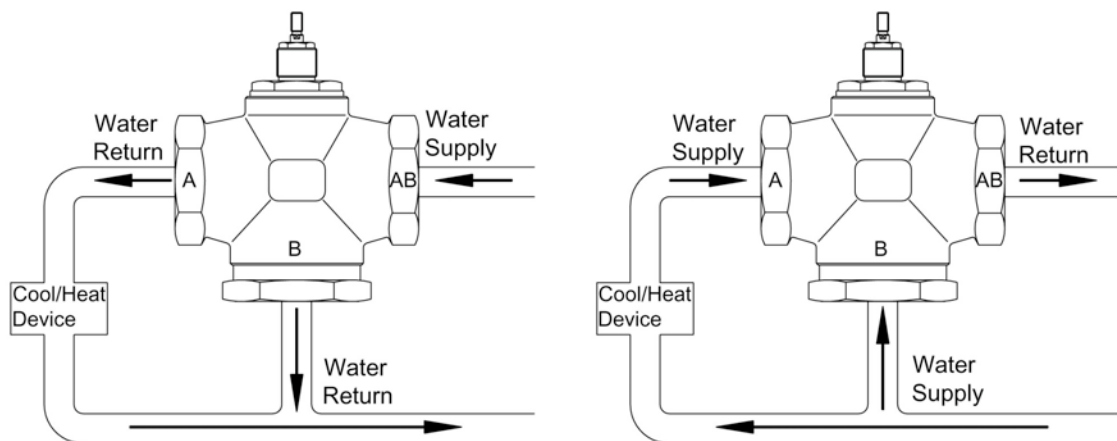
1. Before mounting the valve, make sure that the pipe is clean and free from soldering scraps, metal sheet, sand, stone or other sundries.
2. The pipe and valve body must be connected perfectly without vibration. The water flow direction should be the same as marked on the valve body.
3. The actuator should be mounted vertically on the valve body, and avoid the actuator below the valve body. Remain enough space so that the actuator can be taken down from the valve body during the daily maintenance.
4. Power supply must be shut off or insulated when maintain the valve. There should not have pressure in the water system.
5. For other installation requirements, please refer to the Installation Instruction of the actuator.

FLOW DIRECTION DIAGRAM

TWO-WAY VALVE



THREE-WAY VALVE



Diverting 3-way

Mixing 3-way