

## Three Way Mixing Valve 3/4" - 2"

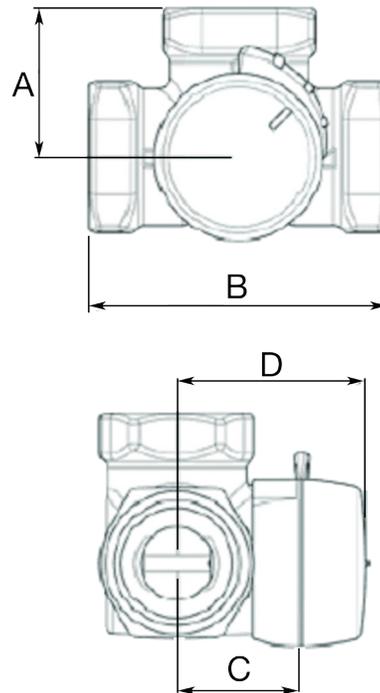
Three way mixing valves regulate fluid temperature to the system from the heat source. These valves are ideal for mixing fluid to control temperature in heating, cooling, and snow ice melting applications. The valves can be controlled both manually or automatically with the use of actuator (Stock Code 20042)

### Features

- Compact and lightweight
- Versatile for numerous piping configurations
- Dezincification resistant brass (CW 602N)
- Simple adjustable scale indicating valve position
- Adjustable valve position scale

### Specifications

Fluid temperature limits: 14°F- 230°F  
 Max operating pressure: 145 psi  
 Max differential pressure: 14.5 psi  
 Max glycol mixture: 50%  
 Materials: brass valve body (CW 602N)  
 PPS composite shaft and bushing EPDM O-Ring



Stock Code	Size	Type	A (in)	B (in)	C (in)	D (in)	Weight (lbs)	CV Value	Flow (gpm)	Heat Capacity (BTU/H)	Pressure drop (psi)	Pressure Drop (ft of head)
20080	3/4"	NPT	1.42	2.83	1.26	1.97	0.95	7.3	5	50,000	0.7	1.6
									7	70,000	1.0	2.2
20081	1"		1.61	3.23	1.34	1.54	1.54	11.7	12	120,000	1.0	2.4
									17	170,000	2.1	4.8
20082	1-1/4"		1.85	3.70	1.46	2.09	2.09	18.7	19	190,000	1.0	2.3
									24	240,000	1.6	3.7
20083	1-1/2"		2.09	4.17	1.73	3.7	3.7	29.3	29	290,000	1.0	2.2
									34	340,000	1.2	2.7
									38	380,000	1.7	3.8
20084	2"		2.36	4.72	1.81	5.07	5.07	46.8	47	470,000	1.0	2.3
									53	530,000	1.1	2.8
									59	590,000	1.3	2.9
		65							650,000	1.9	4.4	

Note: Heat capacity is based on water at a  $\Delta T$  of 20°F. The fluid used to calculate pressure drop across the valve is water @ 100°F

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