

Four Way Mixing Valve 3/4" - 2"

Four way mixing valves regulate supply fluid temperature to the system and the return fluid temperature to the source. Four way valves can be used in heating, cooling, and snow-ice melting applications. These valves can be controlled manually or automatically. To properly protect the heat source from flue gas condensation the four way mixing valve must use 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

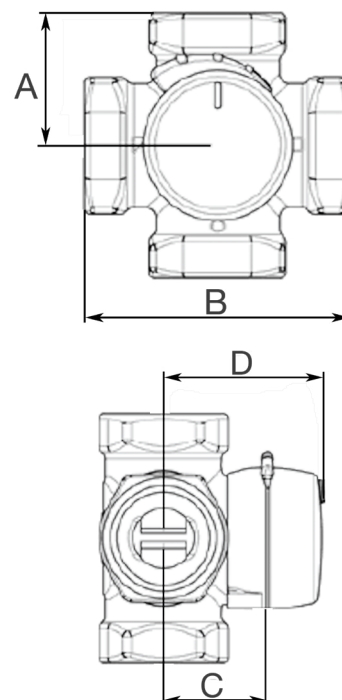
Fluid temperature limits: 14°F- 230°F

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)
20070	3/4"	NPT	1.42	2.83	1.26	1.97	1.15	7.3	7 9 12	70,000 90,000 120,000	0.9 1.2 2.7	2.1 2.8 6.2
20071	1"		1.61	3.23	1.34	2.05	1.76	11.7	12 13	120,000 130,000	1.0 1.2	2.4 2.8
20072	1-1/4"		1.85	3.70	1.46	2.17	2.38	18.7	19 24	190,000 240,000	1.0 1.6	2.4 3.8
20073	1-1/2"		2.09	4.17	1.73	2.36	4.17	29.3	29 33 37	290,000 330,000 370,000	1.0 1.1 1.6	2.3 2.6 3.7
20074	2"		2.36	4.72	1.81	2.52	5.62	46.8	47 53 59 65	470,000 530,000 590,000 650,000	1.0 1.1 1.3 1.9	2.3 2.6 2.9 4.4
20075	3/4"	Solder	2.44	4.88	1.26	1.97	1.15	2.9	3 4	30,000 40,000	1.1 1.9	2.5 4.4
20076	1"		2.56	5.12	1.34	2.05	1.76	7.3	7 10	70,000 100,000	0.9 1.9	2.1 4.3
20078	1-1/4"		3.03	6.06	1.46	2.17	2.38	13.9	14 16	140,000 160,000	1.0 1.6	2.3 3.0

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

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