ThermOmegaTech®

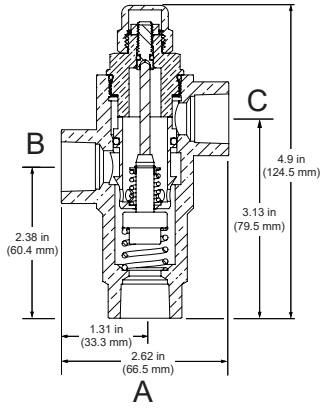
Aerospace & Defense Division

VALVES VS. CARTRIDGES

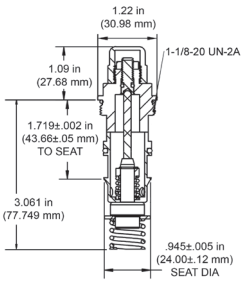
MIXING & DIVERTING VALVES

1/2" M/D VALVE AND CARTRIDGE





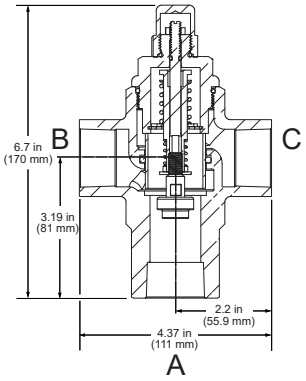




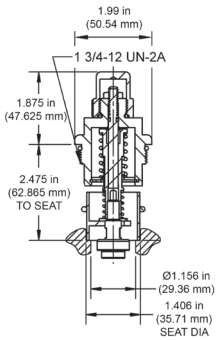
Size NPT	Body Material	Internal Material	Weight		C_V
			Lb	Kg	
1/2" Valve	316 SS	303 SS	1.58	0.72	2.7
	316 SS	316 SS			
	Bronze	Bronze	1.73	0.78	
1/2" Cartridge	316 SS	303 SS	0.43	0.19	
	316 SS	316 SS			
	Bronze	Bronze	0.44	0.20	

1" M/D VALVE AND CARTRIDGE





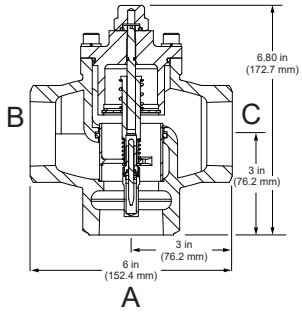




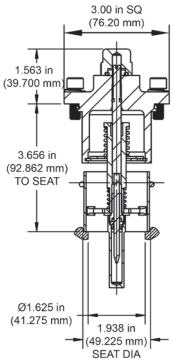
Size NPT	Body Material	Internal Material	Weight		C_V
			Lb	Kg	
1" Valve	316 SS	303 SS	4.73	2.14	10.0
	316 SS	316 SS			
	Bronze	Bronze	4.61	2.09	
1" Cartridge	316 SS	303 SS	1.14	0.52	
	316 SS	316 SS			
	Bronze	Bronze	1.19	0.54	

2" M/D VALVE AND CARTRIDGE









Size NPT	Body Material	Internal Material	Weight		C_V
			Lb	Kg	
2" Valve	316 SS	300 Series SS	9.45	4.29	19.3
2" Cartridge			2.37	1.07	

Maximum Operating Pressure: 350 PSIG (24 BAR)
Maximum Operating Temperature: 250°F (121°C)
Seal material availability: Buna-N, EPDM, Viton, Fluorsilicone
Set-point temperatures available with +/- 5°F tolerance: 045°F, 050°F, 060°F, 085°F, 090°F, 100°F, 105°F, 125°F.
Set-point temperatures available with +/- 8°F tolerance: 035°F, 070°F, 110°F, 130°F, 135°F, 147°F, 152°F, 160°F, 170°F, 190°F, 200°F, 205°F, 210°F.

Note:
For mixing applications, pressure difference between the hot and cold ports should not exceed 10 PSI.

Rev: 3/26/2025