



Natural gas manifolds

5 valve manifolds

We bring these manifolds to market for the natural gas industry, fully pressure and temperature tested with an easy access handle configuration. With the precision machining of the large 3/8" bore and the close tolerance finish of the soft Delrin seats that use a non-rotating tapered tip, these valves were designed and processed to be low maintenance and leak free. Both carbon and stainless steel versions are available with 2 process isolation valves, 2 equalizing valves, and 1 drain valve in a single block. Accessories are available for both direct and pole mount, as well as vertical and horizontal.



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5 Valve soft seat manifold

	'H' type manifold	'T' type manifold
Connections	Flange to Flange	Flange to ½" NPT (F)
Body	Forged single piece, ASTM A479 316SS	
Seat	Delrin®, 3/8" Orifice	
Stem	Close tolerance surface finish, ASME SA-479 Type316SS	
Needle tip	Non-Rotating Tapered Tip, ASME SA-479 Type 316SS	
Upper/lower gland body	Stainless Steel locking pin provided.	
Gland packing	Adjustable, below stem thread design (PBT) for isolation valves, prevents process fluid contact with stem threads.	
Handle	'T' Bar handle, ASME-SA-479 Type 316SS	
Washer	ASME-SA-479 Type 316SS	
Pressure / temp.	6000 psi / 200°F	
Rating test pressures	Body: Hydrostatic at 9000 psi (1.5 times of rated pressure) Seat & Gland: 6600 psi (1.1 times of rated pressure)	
	Pressure piping / Vessel codes <ul style="list-style-type: none"> - ANSI B31.1 – Power Piping - ANSI B31.2 – Fuel Gas Piping - ANSI B31.3 – Chemical Plant petroleum refinery piping - ASME Section VII-DIV1-Boiler & Pressure vessel code Threads & dimensional codes <ul style="list-style-type: none"> - ANSI B2.1 – Pipe Threads - ANSI B1.1 – Straight Threads 	
Design standard		

Flow diagram

