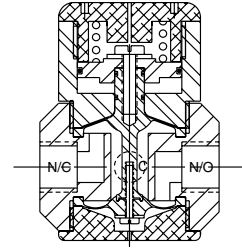


RTD Series

Pneumatic Diaphragm Divertor Valve

Material: PVC, PP, PVDF, TEFLON
Size: 1/2" - 1"
Pressure Rating: 150 psi
Diaphragm: Teflon
Connections: FNPT Threaded (1/2" - 1")



ISO 9002 CERTIFIED

Engineering Guide Specification

Materials of Construction:

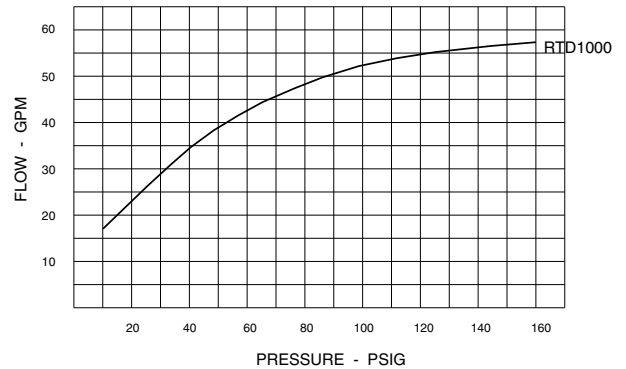
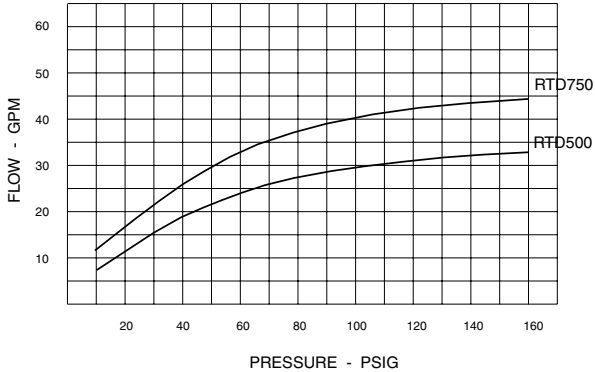
PVC: Class 12454B per ASTM D1784
PP: Class PP 110B76383 per ASTM D4101
PVDF: Type 1 per ASTM D3222

Guide Specification: The SIMTECH RTD series diaphragm divertor air valve features a compact plastic valve especially designed for DI water and other high purity applications. This valve is also known as an air operated 3 way valve. No metal and elastomer contact with fluid. Virgin Teflon diaphragms and seals. Equal flow on both ports (N/O and N/C) Can handle high back pressure. Low operating air pressure. This direct acting full flow valve features top entry for easy in-line maintenance and minimum water hammer, as manufactured by SIMTECH.

Type 1: Air to open/spring to close.

Type 2: Air to open/air to close.

Pressure/Temperature Graph: Working PSI/Fahrenheit



Dimensional Data

d Inches					Back Press	Air Press
	A	B	C	C _v		
1/2	3.00	3.97	1.23	4.58	80 psi	15-80
3/4	3.50	4.25	1.50	6.24	70 psi	25-80
1	4.00	6.00	1.75	8.47	70 psi	30-80

(*) C_v value @ 150 GPM

