

TEFLON® PNEUMATIC VALVE

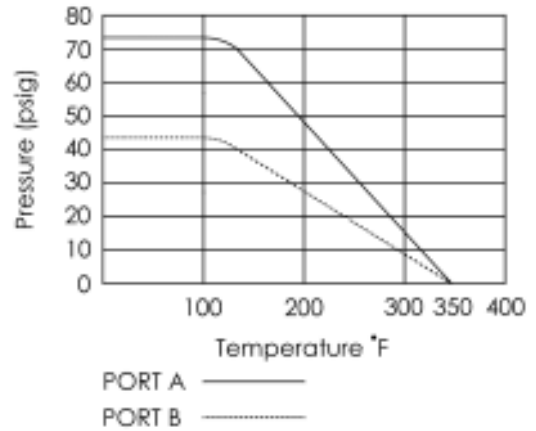
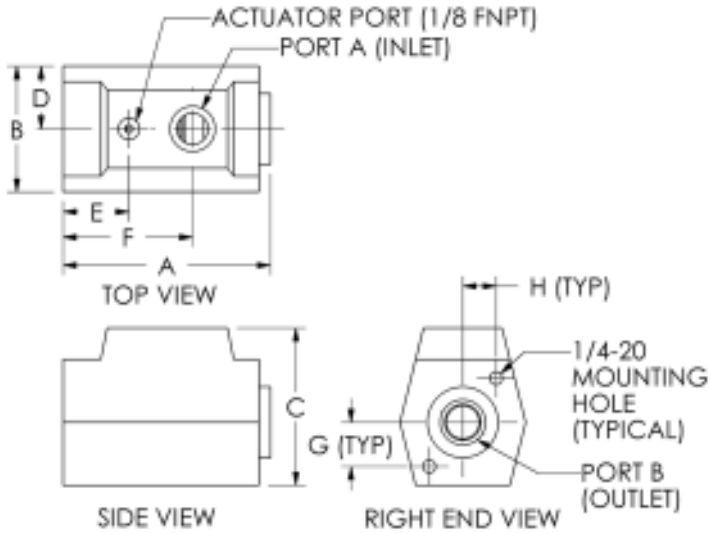
- ◆ ONE PIECE VIRGIN PTFE BODY
- ◆ ALL WETTED PARTS VIRGIN PTFE
- ◆ NO LUBRICANTS OR METAL IN FLUID PATH
- ◆ EXCELLENT DI WATER VALVE
- ◆ EXCELLENT ACID VALVE
- ◆ “MICRO ADJUST” BYPASS OPTION



SPECIFICATIONS

Size		1/2" Orifice	3/4" Orifice	1" Orifice
Cv		2.8	7.5	13.5
Max Pressure –	Media (Port A) PSIG (kPa)	75 (517)	60 (414)	60 (414)
Max Pressure –	Media (Port B) PSIG (kPa)	45 (310)	10 (69)	10 (69)
Actuator Pressure –	Min/Max PSIG (kPa)	50/80 (345/552)	50/80 (345/552)	50/80 (345/552)
Max Temperature –	Media °F (°C)	350 (177)	302 (150)	302 (150)
Max Temperature –	Ambient °F (°C)	140 (60)	140 (60)	140 (60)

Body	Virgin PTFE	Piston	PVDF / PTFE
Bellows	Virgin PTFE	End Cap	Polypropylene
Backing Plate	Virgin PTFE	Spring	302 SS, Teflon® Coated



SIZE	A	B	C	D	E	F	G	H	PORT A	PORT B
1/2"	3.30	2.00	2.50	1.00	1.05	2.06	0.70	0.53	1/2 FNPT	1/2 FNPT
3/4"	4.50	3.00	3.50	1.50	1.38	2.69	1.21	0.85	3/4 FNPT	3/4 FNPT
1"	4.50	3.00	3.50	1.50	1.38	2.69	1.21	0.85	1 FNPT	1 FNPT

Specifications subject to change without notice.

All dimensions are in inches.

ORDERING INFORMATION

TPV 2 X X P TFE X XXX

OPTIONS: MA - Micro Adjust RC - Restricted Close
RO - Restricted Open RB - Restricted Both
- Non-Standard Options (Consult Factory)

SEALS: V - Viton®
E - Ethylene Propylene
K - Kalrez®

BODY MATERIAL: PTFE

CONNECTION: FNPT

ORIFICE & PORT: 8 - 1/2"
12 - 3/4"
16 - 1"

VALVE CONFIGURATION:
C - Normally Closed
O - Normally Open

2 WAY

TEFLON® PNEUMATIC VALVE SERIES

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LS-DTPV01-01

DYTEC
CORPORATION

102 Compass Point Dr., Suite D
St. Charles, MO 63301
636-949-5600 Fax: 636-724-2492
www.dytec.com