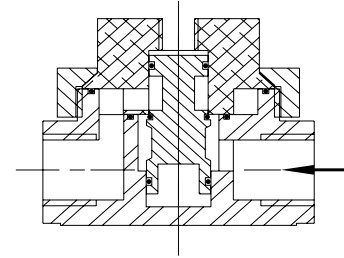


# RAO Series

## Pneumatic Shut Off Valve

**Material:** PVC, PP, PVDF, TEFLON  
**Size:** 1/4" - 2"  
**Pressure Rating:** 150 psi  
**Seals:** EPDM, Viton, Kalrez  
**Connections:** FNPT Threaded (1/4" - 1")  
 MPT (1 1/2" - 2")  
 Metric Butt Fusion (PP & PVDF only)



**ISO 9002 CERTIFIED**

## Engineering Guide Specification

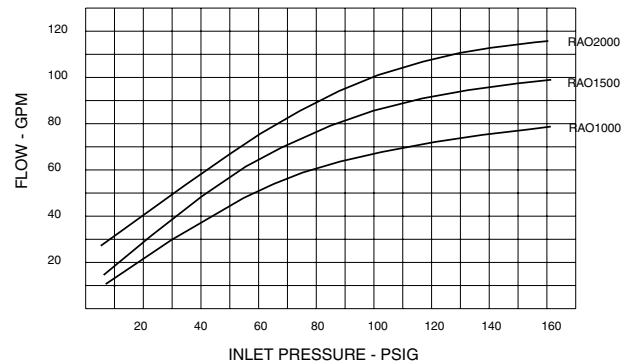
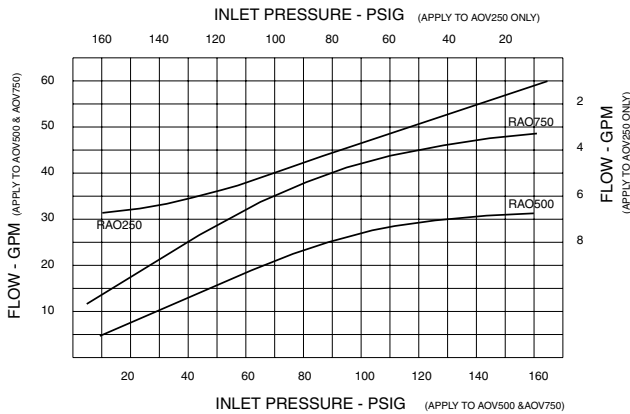
### Materials of Construction:

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

**Guide Specification:** The SIMTECH RAO series air valve features a compact thermoplastic valve available in six models to handle a multitude of piping system functions. This patented valve is designed so there is no metal contact with the fluid, and can be operated in any position. Air actuated at 40 to 80 PSI. Direct acting full flow with top entry for easy maintenance and minimum water hammer. Suitable for most harsh chemicals, pollution control, wet processing stations, plating equipment, chemical processing and water treatment applications, as manufactured by SIMTECH.

**Note: Teflon Internals Available for Non Lubricant and Extended Cycle Life Applications**

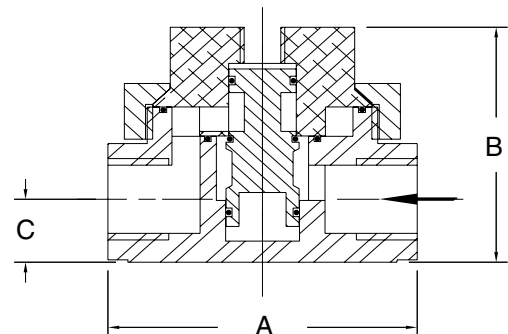
## Pressure/Temperature Graph: Working PSI/Fahrenheit



## Dimensional Data

d Inches	A	B	C	Cv	Ports
1/4	2.00	1.80	.500	.580	FNTP
1/2	3 (2.9)	2.5 (2.4)	.7(.7)	2.42	FNTP
3/4	3.5(3.33)	3(2.8)	.9(.7)	3.28	FNTP
1	4 (3.9)	3.5(3.3)	1.1(.9)	4.32	FNTP
1 1/2	5.00	4.70	1.50	7.64	FNTP
2	6.00	5.50	1.70	8.27	FNTP

( ) MOLDED BODY DIM. UNIT = INCHES



MOLDED BODY STYLE