

# F-2815, F-3120 Series Orifice Restrictors



The Air Logic Orifice Restrictors are designed for use in pneumatic control circuits. Available in eleven color coded sizes.

The Orifices are precision molded of polysulfone and are held to flow tolerances of  $\pm 4\%$ .

The Orifice Restrictors are available in three models: 1) For inline installation, 2) Available with barbs for 1/16" or 1/8" I.D. flexible tubing, or 3) Encased in a 10-32 barbed fitting.

The F-2815 Series Orifice Restrictors are for inline installation with straight ports for 1/16" I.D. flexible tubing. The orifice restrictors are available with barbs for 1/16" or 1/8" I.D. flexible tubing.

The F-3120 Series Orifice Restrictors are encased in a molded polysulfone barbed fitting. The barbed fitting has 10-32 UNF male threads and is available with barbs for 1/16" or 1/8" I.D. flexible tubing.

## ORDERING INFORMATION (Order by model number, orifice diameter and specify accessory numbers for port connections.)

Model Number		Orifice Diameter	Color Code	Port Connection
10-32 Threads	Inline			
F-3120	F-2815	041-0.004"	Purple	<b>B80</b> - Barbs for 1/16" I.D. tubing  <b>B85</b> - Barbs for 1/8" I.D. tubing  No accessory numbers required for straight ports.
F-3120	F-2815	050-0.005"	Lime Green	
F-3120	F-2815	051-0.006"	Red	
F-3120	F-2815	071-0.007"	Aqua Green	
F-3120	F-2815	101-0.010"	Yellow	
F-3120	F-2815	121-0.012"	Black	
F-3120	F-2815	161-0.016"	Gray	
F-3120	F-2815	201-0.020"	Blue	
F-3120	F-2815	251-0.025"	Brown	
F-3120	F-2815	301-0.030"	Beige	
F-3120	F-2815	401-0.040"	Rust	

- FEATURES**
- Precision Molded
  - Miniature size
  - Low Cost

## SPECIFICATIONS

Orifice Diameter: .004" to .040"  
 Maximum Supply: 100 PSI  
 Operating Temperatures: 40° to 120°F. (5° to 48°C.)  
 Recommended Filtration: 5 micron  
 Flow Tolerances:  $\pm 4\%$

## MATERIALS

Housing: Polysulfone

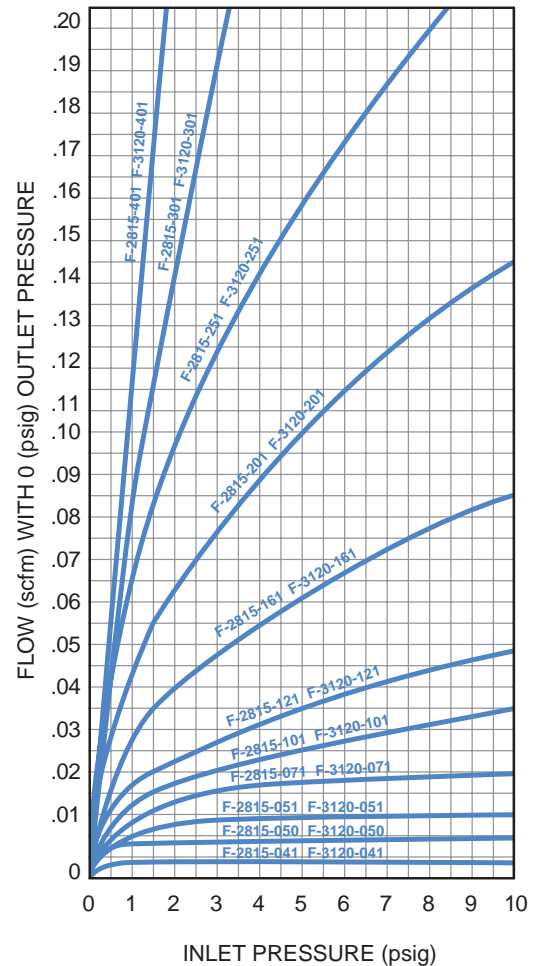
## MOUNTING

Inline installation or 10-32 UNF male threads

## PORT CONNECTIONS

Straight ports for 1/16" I.D. flexible tubing  
 Barbs for 1/16" or 1/8" I.D. flexible tubing

Typical Flow Characteristics for Normal Flow Direction



## DIMENSIONS

( ) = Metric Dimensions

