

R-3710 Series

Restrictors



Description

The R-3710 Series Restrictors limit pressure and flow direction in pneumatic operating systems.

Features

- available with fixed and variable sized orifices

- fixed restrictors come in two orifice sizes, and are color coded for easy identification.
 - red for 0.005 in. (0.13 mm)
 - aqua for 0.007 in. (0.18 mm)
- available in a variety of styles

To Order

Specify the code number from the following selection chart.

Specifications

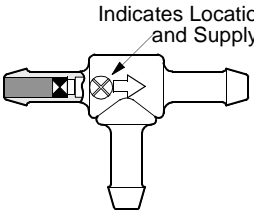
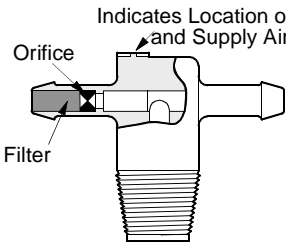
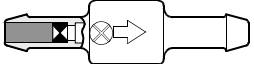
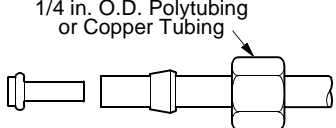
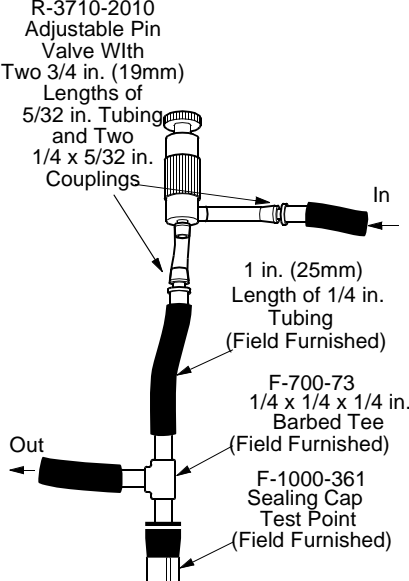
R-3710 Series Restrictors	
Material	R-3710-3005, 3007, -3205, -3207, -3105, -3107, -2005, -2007 Thermoplastic
	R-3710-1005, -1007 Elastomeric O-Ring, Zinc Plated Compression Nut, (Identifies Restrictor location) and Thermoplastic Ferrule
	R-3710-2010 Brass
Maximum Pressure	R-3710-3005, 3007, -3205, -3207, -3105, -3107, -2005, -2007, -1005, -1007 25 psig (175 kPa)
	R-3710-2010 100 psig (700 kPa)
Maximum Temperature	180°F (82°C)
Output Flow Capacity	R-3710-3005, -3205, -3105, -2005, -1005 25 SCIM (6.8 mLs)
	R-3710-3007, -3207, -3107, -2007, -1007 45 SCIM (12.3 mLs)
	R-3710-2010 Adjustable

Color / Size

Code Number	Color / Size
R-3710-3005	Red 0.005 in. Orifice 1/4 in. x 1/4 in. x 1/4 in.
R-3710-3007	Aqua 0.007 in. Orifice 1/4 in. x 1/4 in. x 1/4 in.
R-3710-3205	Red 0.005 in. Orifice 1/4 in. x 5/32 in. x 5/32 in.
R-3710-3207	Aqua 0.007 in. Orifice 1/4 in. x 5/32 in. x 5/32 in.
R-3710-3105	Red 0.005 in. Orifice 1/4 in. x 1/4 in. x 1/8 in. NPT
R-3710-3107	Aqua 0.007 in. Orifice 1/4 in. x 1/4 in. x 1/8 in. NPT
R-3710-2005	Red 0.005 in. Orifice 1/4 in. x 1/4 in.
R-3710-2007	Aqua 0.007 in. Orifice 1/4 in. x 1/4 in.
R-3710-1005	Red 0.005 in. Orifice
R-3710-1007	Aqua 0.007 in. Orifice
R-3710-2010	5/32 in. Tube Connections for Poly tubing

R-3710 Series Restrictors (Continued)

Selection Chart

T-Fitting With Barbs	Code Number	Description
	<p>R-3710-3005 R-3710-3007 R-3710-3205 R-3710-3207</p>	<p>Inline T-coupling with barbed fittings for 1/4 in. O.D. polytubing.</p>
<p>T-Fitting with Barbs and 1/8 in. NPT</p> 	<p>R-3710-3105 R-3710-3107</p>	<p>T-fitting with barbs for 1/4 in. O.D. polytubing and 1/8 in. NPT for screwing directly into actuator or controller.</p>
<p>Straight Coupling</p>		
	<p>R-3710-2005 R-3710-2007</p>	<p>Straight coupling inline, with barbed fittings for 1/4 in. O.D. polytubing.</p>
<p>Inserted Restrictor</p>		
	<p>R-3710-1005 R-3710-1007</p>	<p>Restrictor for inserting 1/4 in. O.D. polyethylene or copper tubing. Used with compression fittings, either inline or at the controller.</p>
<p>Inline Adjustable</p>		
	<p>R-3710-2010</p>	<p>Inline adjustable restrictor, pin valve type. Test gauge plugs are available on high and low side of restrictor.</p>