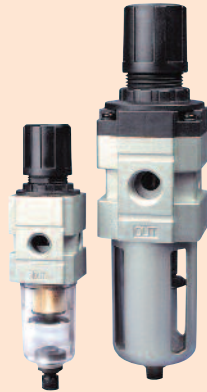




Series
FR

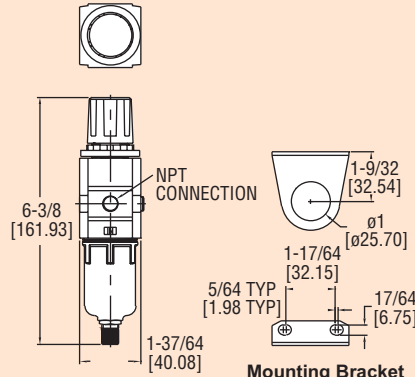
Filter Regulators

Combination Packages For Pneumatic Air Applications



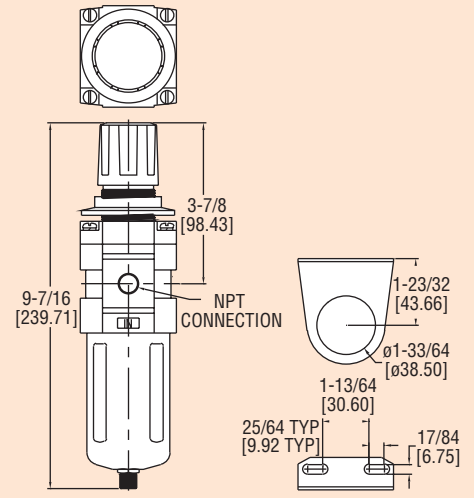
FR1

FR2



Series FR1

Mounting Bracket
For Series FR1



Series FR2

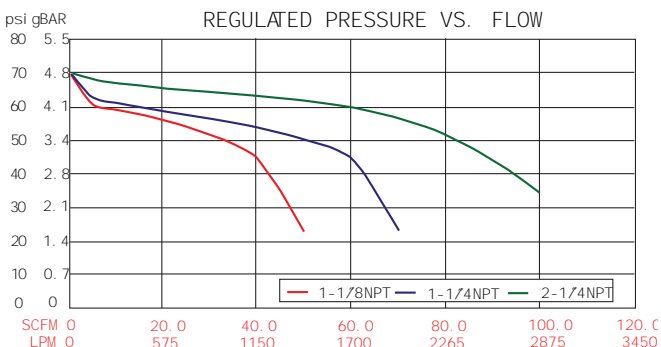
Mounting Bracket
For Series FR2

The Series FR Filter-Regulators are combination units that provide maximum options in minimal space. Constructed of aluminum and polycarbonate, these rugged units offer the same air pressure regulation features as our standard R Series units side-by-side with the convenience of a filter. Unscrewing the adjustment knob and retaining flange easily adapts panel or bracket mounting.

SPECIFICATIONS

	Size 1	Size 2
General		
Service	Air	Air
Temperature Limits	41 to 140°F (5 to 60°C)	41 to 140°F (5 to 60°C)
Maximum Supply Pressure	165 psig	165 psig
Filters		
Process Connection	1/8", 1/4" NPT	1/4" NPT
Filtration (micron)	5µ, 50µ	5µ, 50µ
Maximum Supply Pressure	165 psi	165 psi
Drain	Manual	Manual
Bowl Capacity	0.75 in ³	2.75 in ³
Flow (based on 100 psi inlet pressure w/ 50 micron filter)	55, 85 SCFM	120 SCFM
Construction	Body: Aluminum; Filter: Sintered Bronze	
Regulators		
Process Connection	1/8", 1/4" NPT	1/4" NPT
Effect of Supply Pressure Variation (25 psig) on Outlet Pressure	< 0.2 psig	< 0.2 psig
Exhaust Capacity (5 psig above 20 psig set point)	< 0.25 SCFM	< 0.25 SCFM
Flow Capacity at 100 psig Supply and 70 psig Outlet	40, 60 SCFM	90 SCFM
Output Pressure Ranges	0 to 30 psig 0 to 120 psig	0 to 30 psig 0 to 120 psig
Total Air Consumption @ Maximum Output	0.3 SCFH	0.3 SCFH
Construction	Body: Aluminum; Bowl: Polycarbonate	

Model	Process Connection	Pressure Range	Filtration
FR1-112050M	1/8" NPT	120 psi	50 microns
FR1-212050M	1/4" NPT	120 psi	50 microns
FR1-112005M	1/8" NPT	120 psi	5 microns
FR1-212005M	1/4" NPT	120 psi	5 microns
FR2-212050M	1/4" NPT	120 psi	50 microns
FR2-212005M	1/4" NPT	120 psi	5 microns
FR1-103050M	1/8" NPT	30 psi	50 microns
FR1-203050M	1/4" NPT	30 psi	50 microns
FR1-103005M	1/8" NPT	30 psi	5 microns
FR1-203005M	1/4" NPT	30 psi	5 microns
FR2-203050M	1/4" NPT	30 psi	50 microns



USA: California Proposition 65

▲ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov