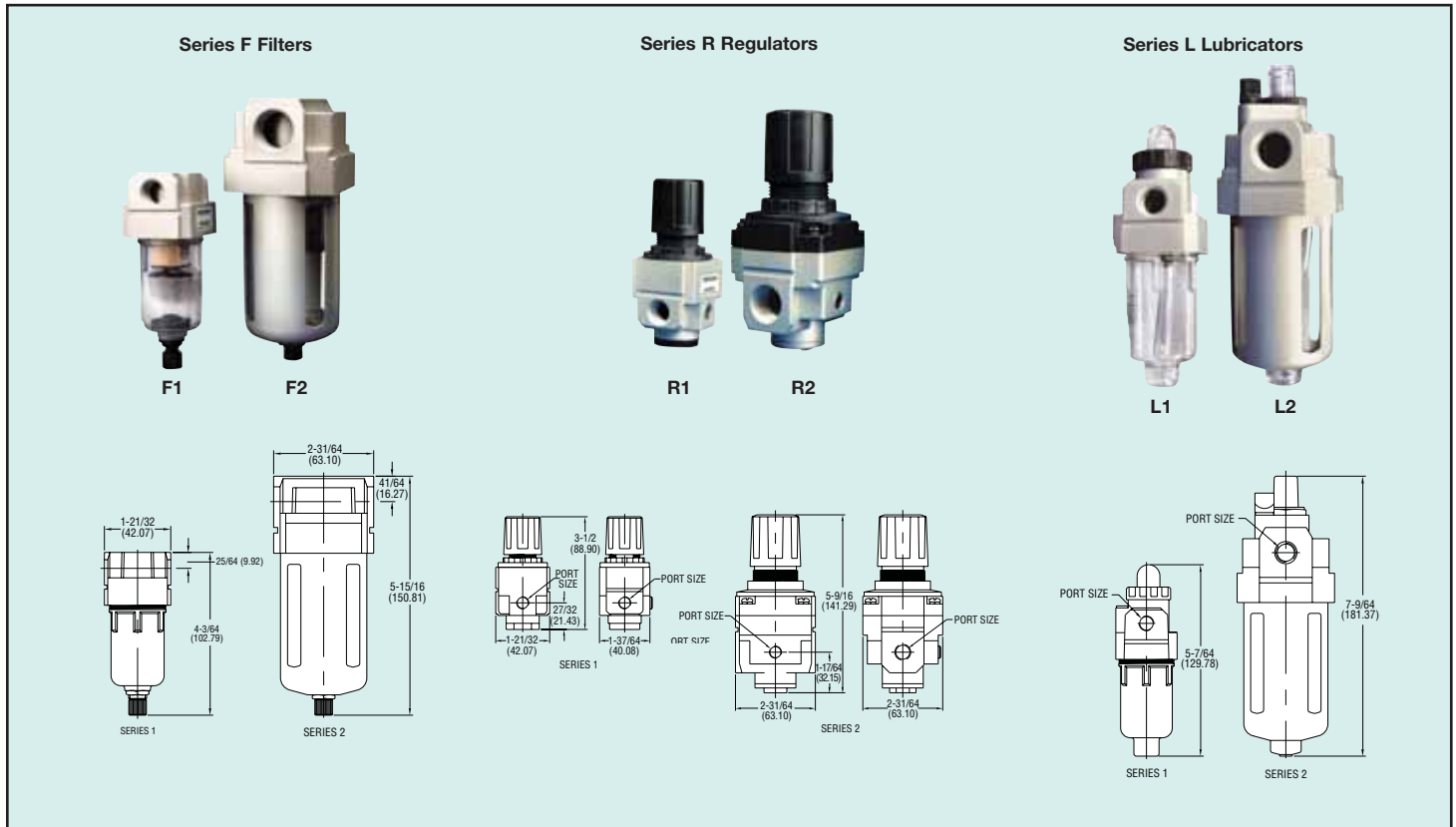




# Filters, Regulators and Lubricators

## For Pneumatic Air Applications

Flow



**F Series Filters** keep air and pneumatic systems operating cleanly and efficiently. Port sizes, filter elements, and drain options available to service broad application requirements.

**R Series Pressure Regulators** offer economic prices and high performance pressure regulation. Configurable units offer a variety of fitting and port sizes, and supply pressures ranging from 10 to 120 psig. The non-rising adjustment knob allows for simple and precise monitoring of pressure and features push-pull lock ring.

**L Series Lubricators** maintain safe operation and longevity of pneumatic systems. Top plug permits filling without removing bowl or disconnecting air-lines. Adjustable drop rate fits any application.

### MODELS

Model Number	Process Connection	Filtration	Drain
F1-150M	1/8" NPT	50 microns	Manual
F2-250M	1/4" NPT	50 microns	Manual

Model Number	Process Connection	Pressure Range
R1-1120	1/8" NPT	120 psi
R2-2120	1/4" NPT	120 psi

Model Number	Process Connection
L1-1	1/8" NPT
L2-2	1/4" NPT

### SPECIFICATIONS

	Size 1	Size 2
<b>GENERAL</b>		
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
<b>FILTERS</b>		
Process Connection	1/8", 1/4" NPT	1/4", 3/8", 1/2" NPT
Filtration (micron)	5μ, 25μ, 50μ	5μ, 25μ, 50μ
Maximum Supply Pressure	165 psi	165 psi
Drain	Manual/Semi-Auto	Manual/Semi-Auto
Bowl Capacity	0.75" <sup>3</sup>	2.75" <sup>3</sup>
Flow (based on 100 psi inlet pressure w/ 50 micron filter)	55, 85 SCFM	120, 120, 120 SCFM
Construction	Body: Aluminum; Filter: Sintered Bronze	
<b>REGULATORS</b>		
Process Connection	1/8", 1/4" NPT	1/4", 3/8", 1/2" 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, 120, 120 SCFM
Output Pressure Ranges	0-10 psig 0-30 psig 0-60 psig 0-120 psig	0-10 psig 0-30 psig 0-60 psig 0-120 psig
Total Air Consumption @ Maximum Output	0.3 SCFH	0.3 SCFH
Construction	Body: Aluminum; Bowl: Polycarbonate	
<b>LUBRICATORS</b>		
Process Connection	1/8", 1/4" NPT	1/4", 3/8", 1/2" NPT
Lubrication	Mist	Mist
Bowl Capacity	1.22"	5.18"
Flow (based on 100 psi inlet pressure)	55, 115 SCFM	125, 125, 125 SCFM
Construction	Body: Aluminum	

## FEATURES

### Filter

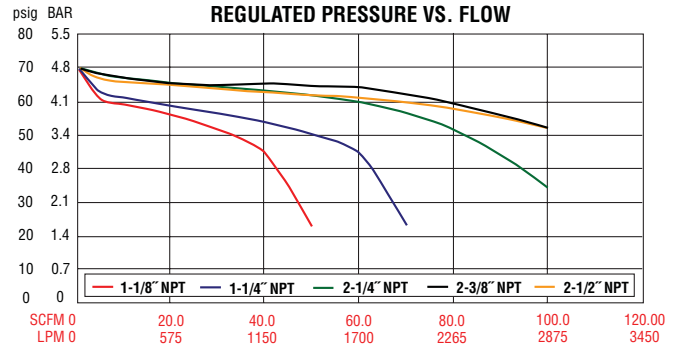
- Polycarbonate bowl with metal guard
- Filter options 5μ, 25μ, 50μ
- Manual, semi-automatic or automatic drain options

### Regulator

- Rolling diaphragm
- Panel/pipe/bracket mountable
- Aluminum body, polycarbonate bonnet and knob
- Non-rising adjustment knob with push-pull lock ring

### Lubricator

- Field serviceable polycarbonate bowl
- Polycarbonate bowl includes metal guard and top plug
- Adjustable drip rate



FLOW

## F Series Filters

Function	F					Filter	
Body Style	1					1 Size	
	2					2 Size	
			-				
Process Connection				1		1/8" NPT (1 Size only)	
				2		1/4" NPT	
				3		3/8" NPT (2 Size only)	
				4		1/2" NPT (2 Size only)	
Filtration					50	50 micron filter	
						25	25 micron filter
						05	5 micron filter
Drain						M Manual drain	
						S Semi-Automatic drain	
						A Automatic drain (2 Size only)	

## R Series Pressure Regulators

Function	R					Regulator	
Body Style	1					1 Size	
	2					2 Size	
			-				
Process Connection				1		1/8" NPT (1 Size only)	
				2		1/4" NPT	
				3		3/8" NPT (2 Size only)	
				4		1/2" NPT (2 Size only)	
Pressure Range					010	0-10 psi outlet pressure	
						030	0-30 psi outlet pressure
						060	0-60 psi outlet pressure
						120	0-120 psi outlet pressure

## L Series Lubricators

Function	L					Lubricator
Body Style	1					1 Size
	2					2 Size
			-			
Process Connection				1		1/8" NPT (1 Size only)
				2		1/4" NPT
				3		3/8" NPT (2 Size only)
				4		1/2" NPT (2 Size only)