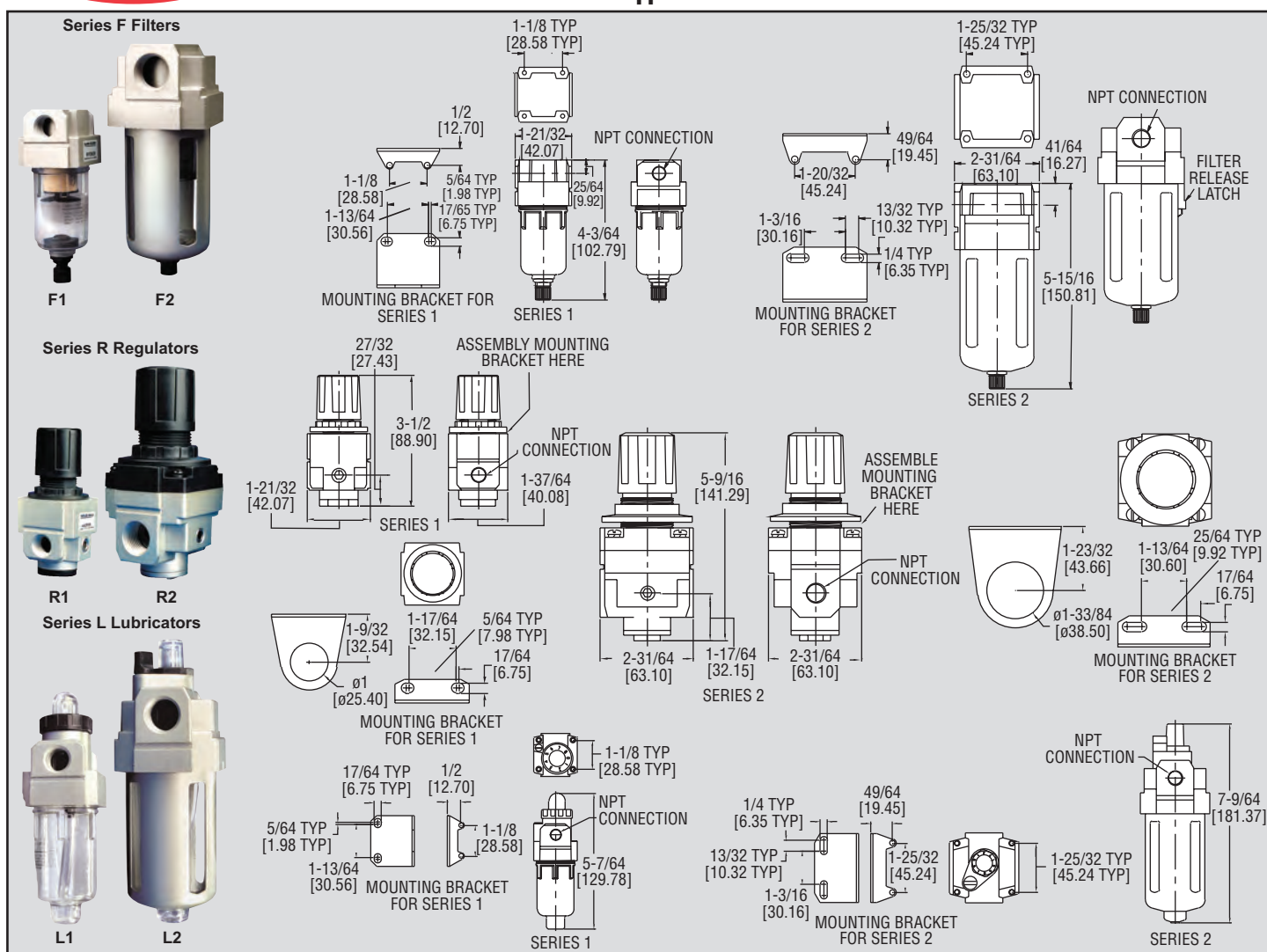




Series
F, R, L

Filters, Regulators and Lubricators

For Pneumatic Air Applications



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.

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

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

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

SPECIFICATIONS

OF ELECTRONICS		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", 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 inch ³	2.75 inch ³	
Flow (based on 100 psi inlet pressure w/ 50 micron filter)	55, 85 SCFM	120, 120, 120 SCFM	
Construction	Body: Aluminum; Filter: Sintered Bronze		
Regulators			
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		
Lubricators			
Process Connection	1/8", 1/4" NPT	1/4", 3/8", 1/2" NPT	
Lubrication	Mist	Mist	
Bowl Capacity	1.22 inch ³	5.18 inch ³	
Flow (based on 100 psi inlet pressure)	55, 115 SCFM	125, 125, 125 SCFM	
Construction	Body: Aluminum		

FEATURES

Filter

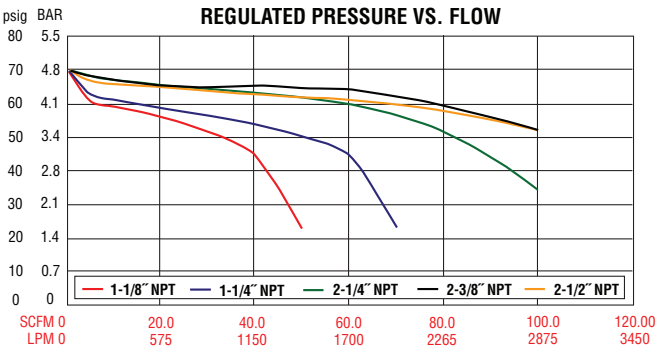
- Polycarbonate bowl with metal guard
- Filter options 5µ, 25µ, 50µ
- Manual, semi-automatic or automatic drain options

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



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)