FEATURES
FR Filter Regulator Combo
• Aluminum and polycarbonate construction
• Manual, semi-auto or autodrain available
• 1 Size has polycarbonate bowl, 2 Size has polycarbonate bowl with metal guard
• Non-rising adjustment knob with push-pull lock ring feature
• Panel or bracket mounting

FRL Package
• All-in-one package ready for installation
• Automatic drain
• 50µ filter standard (others available)
• 120 psi regulator & 1/8" NPT on 1 Size
• 120 psi regulator & 1/4" NPT on 2 Size

Filters - Regulators & Filters-Regulators-Lubricators

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<th>FRL</th>
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<td>2</td>
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<td>030</td>
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<tr>
<td>Filtration</td>
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<td>25</td>
<td>05</td>
<td>50 micron filter</td>
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<td>Drain</td>
<td>M</td>
<td>S</td>
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<td>Manual drain (standard)</td>
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</table>
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 an F Series filter. Unscrewing the adjustment knob and retaining flange easily adapts panel or bracket mounting.

The Series FRL takes the FR Series to the next level by including an L Series lubricator. The package is completely installed and ready to go right out of the box.

### Specifications

<table>
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<tr>
<th>Model</th>
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<th>Pressure Range</th>
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<tr>
<td>FR1-112050M</td>
<td>1/8˝ NPT</td>
<td>120 psi</td>
<td>50 microns</td>
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<tr>
<td>FR2-212050M</td>
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<td>FRL1-112050M</td>
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</tr>
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</table>

The Series FR, FRL Filters, Regulators and Lubricators

Combination Packages For Pneumatic Air Applications

The Series FR Filter-Regulator

- Size 1
- Air
- 41 to 140°F (5 to 60°C)
- 165 psig
- 1/8˝, 1/4˝ NPT
- 5µ, 25µ, 50µ
- Manual/Semi-Auto
- 5µ, 25µ, 50µ
- 0.75 inch³
- 55, 85 SCFM
- 1/8˝, 1/4˝ NPT
- <0.2 psig
- <0.25 SCFM
- 2.75 inch³
- 120, 120, 120 SCFM
- 1/4˝, 3/8˝, 1/2˝ NPT
- 0-10 psig
- 0-30 psig
- 0-60 psig
- 0-120 psig
- 0.3 SCFH
- 1/8˝, 1/4˝ NPT
- Body: Aluminum; Filter: Sintered Bronze

The Series FRL Filter-Regulator-Lubricator

- Size 2
- Air
- 41 to 140°F (5 to 60°C)
- 165 psig
- 1/4˝, 3/8˝, 1/2˝ NPT
- 5µ, 25µ, 50µ
- Manual/Semi-Auto
- 2.75 inch³
- 120, 120, 120 SCFM
- 1/4˝, 3/8˝, 1/2˝ NPT
- <0.2 psig
- <0.25 SCFM
- 5.18 inch³
- 125, 125, 125 SCFM
- 1/4˝, 3/8˝, 1/2˝ NPT
- Body: Aluminum; Bowl: Polycarbonate

**General**
- Temperature Limits: 41 to 140°F (5 to 60°C)
- Maximum Supply Pressure: 165 psig

**Filters**
- Process Connection: 1/8˝ NPT
- Pressure Range: 120 psi
- Filtration: 50 microns

**Regulators**
- Process Connection: 1/8˝ NPT
- Pressure Range: 0-10 psig
- Effect of Supply Pressure Variation: <0.2 psig
- Exhaust Capacity: 0.25 SCFM
- Flow Capacity at 100 psi supply and 70 psi outlet: 40, 60 SCFM

**Lubricators**
- Process Connection: 1/8˝ NPT
- Pressure Range: 0-10 psig
- Lubrication: Mist
- Flow (based on 100 psi inlet pressure): 22 inch³
- Body: Aluminum