Excelon® modular system
L72M/C, L73M/C, L74M/C Lubricators

Excelon® design allows in-line or modular installation
Quick release bayonet bowl.
Flow sensor provides a nearly constant oil/air ratio over a wide range of flows
Highly visible, prismatic liquid level indicator lens on metal bowls
All round (360°) visibility of sight-feed dome for ease of drip rate setting

Micro-fog and oil-fog

Technical data
Fluid:
Compressed air
Maximum pressure:
300 psig (20 bar)
Operating temperature*:
-30° to 175°F (-34° to 80°C)
*Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).
Typical flow with 150 psig (10 bar) inlet pressure, 90 psig (6.3 bar) set pressure and 15 psig (1 bar) droop from from set: 144 scfm (68 dm³/s)

Materials
L72M/C
Body: zinc
Bonnet: acetal
Valve: brass
Elastomers: nitrile
Bottom plug: acetal
L72M, L72C
Body: zinc
Transparent bowl: polycarbonate
Metal bowl: zinc
Liquid level indicator lens (metal bowl): transparent nylon
Sight-feed dome: transparent nylon
Elastomers: neoprene, nitrile & Geolast
L73M, L73C, L74M, L74C
Body: aluminum
Transparent bowl: polycarbonate
Guarded transparent bowl: polycarbonate with steel guard
Metal bowl: aluminum
Liquid level indicator lens (metal bowl: transparent nylon (Pyrex optional)
Sight-feed dome: transparent nylon
Elastomers: neoprene & nitrile

Ordering Information
Models listed include PTF threads, manual drain, and metal bowl with plastic liquid level indicator.

<table>
<thead>
<tr>
<th>Part Size</th>
<th>Model*</th>
<th>Flow** scfm (dm³/s)</th>
<th>Weight lb (kg)†</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>Micro-Fog</td>
<td>L72M 2AP QLN</td>
<td>51 (24)</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>Oil Fog</td>
<td>L72M 3AP QLN</td>
<td>51 (24)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Micro-Fog</td>
<td>L73M 2AP QDN</td>
<td>60 (28)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Oil Fog</td>
<td>L73M 3AP QDN</td>
<td>60 (28)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Micro-Fog</td>
<td>L74M 2AP QDN</td>
<td>114 (54)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Oil Fog</td>
<td>L74M 3AP QDN</td>
<td>154 (73)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Micro-Fog</td>
<td>L74M 4AP QDN</td>
<td>142 (67)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Oil Fog</td>
<td>L74M 4AP QDN</td>
<td>192 (91)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Micro-Fog</td>
<td>L74C 2AP QDN</td>
<td>118 (56)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Oil Fog</td>
<td>L74C 3AP QDN</td>
<td>142 (67)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Micro-Fog</td>
<td>L74C 4AP QDN</td>
<td>186 (88)</td>
</tr>
</tbody>
</table>

Options selector

* Models listed in the order table must not be located downstream of frequently cycling directional control valves. Order the optional bi-directional Oil-Fog Lubricator for use under such conditions.
**Typical flow with 90 psig (6.3 bar) inlet pressure and a pressure drop of 7 psig (0.5 bar).
† (74) Lubricators with 1 quart (1 liter) metal bowl: Add 2.01 lbs (0.91 kg).

Options

Low oil level switch** (74) L
None N
Pyrex dome# P
Quick fill adapter (73, 74) Q

Bowl

1 qt metal w/Pyrex level indicator (74) A
Metal w/ liquid level indicator (72, 73, 74) D
Long metal w/ liquid level indicator (72) E
Long transparent without guard (72) L
Transparent with guard (72, 73) T
Long transparent with guard (72) W

† Requires Pyrex dome ("P" in 10th position)

Drain

Closed bottom E
Manual 1/4 turn Q
Remote fill device* R

* Use only with 74 Series 7 oz bowl.
Excelon® modular system
L72M/C, L73M/C, L74M/C Lubricators
Dimensions in inches.

Typical Performance Characteristics

<table>
<thead>
<tr>
<th>Port Size</th>
<th>Air Flow</th>
<th>Oil-Fog Flow</th>
<th>Pressure Drop</th>
<th>Port Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>0-5 dm³/s</td>
<td>0-10 scfm</td>
<td>0.2 bar d</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>0-10 dm³/s</td>
<td>0-20 scfm</td>
<td>0.4 bar d</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>0-15 dm³/s</td>
<td>0-30 scfm</td>
<td>0.6 bar d</td>
<td>1/2&quot;</td>
</tr>
</tbody>
</table>

Accessories*

<table>
<thead>
<tr>
<th>Wall mounting bracket**</th>
<th>Pipe adapters (quantity of 1) (NPT)</th>
<th>Quiccklamp® and wall bracket</th>
<th>Remote fill kit</th>
<th>Quick fill nipple</th>
<th>Tamper resistant snap-on cap for lubricator sight feed dome #</th>
<th>Level switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>L72</td>
<td>4224-50 4215-02 (1/4) 4214-51</td>
<td>4214-52</td>
<td></td>
<td></td>
<td>4050-89</td>
<td></td>
</tr>
<tr>
<td>L73</td>
<td>4424-50 4315-01 (1/4) 4314-51</td>
<td>4314-52</td>
<td>18-011-024</td>
<td>4050-89</td>
<td>18-023-610†</td>
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</tr>
<tr>
<td>L74</td>
<td>4324-50 4315-02 (3/8) 4314-51</td>
<td>4314-52</td>
<td>5335-50</td>
<td>4050-89</td>
<td>18-023-610†</td>
<td></td>
</tr>
</tbody>
</table>

Excelon® modular system
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Mounting bracket

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>2.36</td>
<td>1.85</td>
<td>1.54</td>
<td>0.73</td>
<td>0.16</td>
<td>1.50</td>
<td>0.24</td>
<td>2.01</td>
</tr>
<tr>
<td>73</td>
<td>2.64</td>
<td>2.36</td>
<td>1.89</td>
<td>0.75</td>
<td>0.28</td>
<td>1.50</td>
<td>0.24</td>
<td>2.40</td>
</tr>
<tr>
<td>74</td>
<td>3.11</td>
<td>2.72</td>
<td>1.97</td>
<td>0.79</td>
<td>0.30</td>
<td>2.01</td>
<td>0.24</td>
<td>2.40</td>
</tr>
</tbody>
</table>

* For additional options see website. **Bracket only. †To fit 1 qt bowl version. #Pack of 10.