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Technical features

- **Medium:** Compressed air only
- **Maximum supply pressure:**
  - Polycarbonate bowl: 145 psi (10 bar)
  - Metal bowl: 290 psi (20 bar)
- **Bowl:**
  - 6.7 ounce (0.2 liter)
- **Flow:**
  - Micro-fog: 155 scfm (73 dm$^3$/s)
  - Oil-fog: 193 scfm (91 dm$^3$/s) at port size: 1/2", operating pressure: 91 psi (6.3 bar) and Δp: 7.25 psi (0.5 bar)
- **Ambient/Media temperature:**
  - Polycarbonate bowl: 14 to +140ºF (-10 to +60ºC)
  - Metal bowl: -4 to +149ºF (-20 to +65ºC)
- **Air supply must be dry enough to avoid ice formation at temperatures below +35°F (+2°C).**

Materials:

- **Bowl:** PC with PP guard
- **Body:** Die cast aluminum
- **Body cover:** ABS
- **Sightdome:** Transparent PA
- **Bowl ‘o’ ring:** Chloroprene
- **Elastomers:** NBR

Technical data L84 - standard models

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port PTF</th>
<th>Lubricator type</th>
<th>Bowl</th>
<th>Weight lb (kg)</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8</td>
<td>Micro fog</td>
<td>Guarded polycarbonate</td>
<td>0.9 (0.40)</td>
<td>L84M-3AP-EPN</td>
<td></td>
</tr>
<tr>
<td>1/2</td>
<td>Micro fog</td>
<td>Guarded polycarbonate</td>
<td>0.9 (0.40)</td>
<td>L84M-4AP-EPN</td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>Micro fog</td>
<td>Guarded polycarbonate</td>
<td>0.9 (0.40)</td>
<td>L84M-6AP-EPN</td>
<td></td>
</tr>
<tr>
<td>3/8</td>
<td>Micro fog</td>
<td>Metal with level indicator</td>
<td>1.1 (0.53)</td>
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</tr>
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<td></td>
</tr>
<tr>
<td>3/8</td>
<td>Oil fog</td>
<td>Guarded polycarbonate</td>
<td>0.9 (0.40)</td>
<td>L84C-3AP-EPN</td>
<td></td>
</tr>
<tr>
<td>1/2</td>
<td>Oil fog</td>
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<td></td>
</tr>
</tbody>
</table>

Option selector

- **Type**
  - Oil fog lubricator
  - Micro fog lubricator
- **Port size**
  - 3/8"
  - 1/2"
  - 3/4"
- **Thread form**
  - PTF
  - ISO G parallel

L84★ - ★★ P-E★ N

Bowl Substitution
- Metal with liquid level indicator: D
- Transparent with guard: P
Flow characteristics

Micro fog
Port size: 1/2"

Inlet Pressure: psi (bar)

Pressure Drop

Air Flow

Oil fog
Port size: 1/2"

Inlet Pressure: psi (bar)

Pressure Drop

Air Flow
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**Accessories**

<table>
<thead>
<tr>
<th>Port Adaptors 3/8 PTF</th>
<th>Port Adaptors 1/2 PTF</th>
<th>Port Adaptors 3/4 PTF</th>
<th>Port Adaptors G3/8</th>
<th>Port Adaptors G1/2</th>
<th>Port Adaptors G3/4</th>
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<tbody>
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</table>

Quick fill nipple

![Image](image)

**Service kits**

<table>
<thead>
<tr>
<th>Lubricator bowl Guarded Poly</th>
<th>Lubricator bowl Metal with sight glass</th>
<th>Lubricator sight dome kit</th>
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</tbody>
</table>

- **Lubricator bowl Guarded Poly**: 840025-52KIT
- **Lubricator bowl Metal with sight glass**: 840003-52KIT
- **Lubricator sight dome kit**
  - Micro fog (red): 840055-50KIT
  - Oil fog (green): 840055-51KIT
Dimensions

Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)

Transparent bowl with guard

2.84 (72)

2.76 (70)

1.42 (36)

1.14 (29)

1.97 (50)

6.38 (162)

8.35 (212)

1.42 (36)

2 Plugged bowl

Dimensions in inches (mm)

Projection/Third angle
L84M, L84C - Excelon® Plus Modular System
Micro-Fog and Oil-Fog Lubricators

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Accessories

Quikclamp® with wall bracket

Mounting bracket

Pressure sensing block

Full flow porting block

Dimensions in inches (mm)

Projection/Third angle

Press the button once to generate the PDF.
Porting block for
18D pressure switch

18D Pressure switch

Dimensions in inches (mm)
Projection/Third angle

18D Porting block and
18D assembled

Pipe adaptor
Warning
Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty
The products described herein are warranted subject to seller’s Standard Terms and Condition of Sale, available at seller’s website.

Proposition 65: These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.