Compact design
5 µm particle removal element
Push to lock adjusting knob with tamper resistant option
Micro-Fog lubricator provides air line lubrication to one or more air driven tools or other devices
Nearly constant oil density output with varying air flow

Technical data
Fluid: Compressed air, neutral gases
NOTE: Contact technical support for use with other media.
Maximum pressure: 150 psig (10 bar)
Operating temperature*: 0°F to 125°F (-20°C to 50°C)
* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

Typical flow at 100 psig (7 bar)
inlet pressure, 90 psig (6.3 bar)
set pressure and a droop of 15
psig (1 bar) from set:
1/8" ports: 10 scfm (5 dm³/s)
1/4" ports: 14 scfm (7 dm³/s)

Automatic drain operation:
Spiral type drain operates momentarily when a rapid change
in air flow occurs or when the
supply pressure is reduced.

Lubricator
Start point (i.e., minimum flow
required for lubricator operation): 0.5 scfm (0.24 dm³/s) at 90 psig
(6.3 bar) inlet pressure
Nominal bowl capacity:
1 fluid ounce (31 ml)

Drain connection: 1/8" male pipe
Filter/Regulator
Particle removal: 5 µm
Gauge ports:
1/8" PTF with PTF main ports

Materials
Bodies: zinc
Filter/Regulator bonnet: acetal
Filter/Regulator valve seat: acetal
BOWLS
Transparent: polycarbonate
Lubricator sight-feed dome: Transparent nylon
Filter element: Sintered polypropylene
Elastomers: nitrile, chloroprene

Ordering information
Models listed include PTF threads, transparent bowls, filter/regulator with relieving diaphragm, automatic drain, 5 µm element, 5 to 100 psig (0.3 to 7 bar) outlet pressure adjustment range*, gauge, and microfog lubricator.

<table>
<thead>
<tr>
<th>Port Size</th>
<th>Model Number</th>
<th>Weight lbs (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>PTH-100-A1AA</td>
<td>0.87 (40)</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>PTH-200-A1AA</td>
<td>0.87 (40)</td>
</tr>
</tbody>
</table>

* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

For further information www.norgren.com
Service Kits

<table>
<thead>
<tr>
<th>Item</th>
<th>Type</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service kits, filter/regulator</td>
<td>relieving, 5 µm element</td>
<td>3820-02</td>
</tr>
<tr>
<td>Service kit, lubricator</td>
<td></td>
<td>3795-03</td>
</tr>
<tr>
<td>Replacement drains</td>
<td>Manual</td>
<td>773-03</td>
</tr>
<tr>
<td></td>
<td>Automatic</td>
<td>3654-02</td>
</tr>
<tr>
<td>Replacement wall bracket for PTH unit</td>
<td>Integral 2 piece</td>
<td>6700-30</td>
</tr>
</tbody>
</table>

Filter/regulator service kit contains slip ring, diaphragm, valve seat with o-ring, valve, valve spring, element, element gasket, and bowl o-ring.

Lubricator service kit contains sight-feed dome seal, cartridge o-ring, and bowl o-ring.

†Minimum distance required to remove bowl
†† Mounting holes

Dimensions in inches (mm)