

**EXCELON® 73**  
**Filter-Lubricator Combination Units**  
**1/4", 3/8", 1/2" Port Sizes**

- **True modularity with Norgren Quikclamp™ connections**
- **Quick release bayonet bowl**
- **Flow sensor design provides a nearly constant oil/air ratio over a wide range of air flows**
- **Highly visible, prismatic liquid level indicator lens**
- **All around (360°) visibility of the sight-feed dome simplifies installation and adjustment**

Use Micro-Fog models in applications containing one or more points of lubrication.

Use Oil-Fog models to lubricate a single tool, cylinder, or other air driven device.


**Technical Data**

Fluid: Compressed air

Maximum pressure:

Transparent bowl: 10 bar (150 psig)

Metal bowl: 17 bar (250 psig)

Operating temperature\*:

Transparent bowl: -20° to +50°C (0° to +125°F)

Metal bowl: -20° to +80°C (0° to +175°F)

\* Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Particle removal: 5 µm, 25 µm, or 40 µm filter element

Typical flow with 6,3 bar (90 psig) inlet pressure and 0,5 bar (7 psig) pressure drop:

Micro-Fog models: ?? dm<sup>3</sup>/s (??? scfm) Waiting on lab test

Oil-Fog models: ?? dm<sup>3</sup>/s (??? scfm) Waiting on lab test

Manual drain connection: 1/8"

Automatic drain connection: 1/8"

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: Greater than 0,3 bar (5 psig)

Bowl pressure required to open drain: Less than 0,2 bar (3 psig)

Minimum air flow required to close drain: 0,1 dm<sup>3</sup>/s (0.2 scfm)

Manual operation: Depress pin inside drain outlet to drain bowl

Nominal bowl size: 0,1 litre (3.5 fluid ounce)

Recommended lubricants: See page N/UK.8.900.935

Materials:

Body: Aluminum

Bowl:

Transparent: Polycarbonate

Transparent with guard: Polycarbonate, steel guard

Metal: Aluminum

Metal bowl liquid level indicator lens:

Transparent nylon

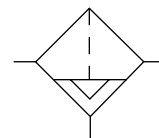
Element: Sintered polypropylene

Sight-Feed dome: Transparent nylon

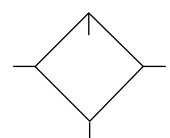
Elastomers: Neoprene and nitrile

**Ordering Information**

See *Ordering Information* on the following pages.

**ISO Symbols**


Filter with Automatic Drain



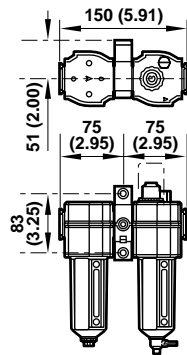
Lubricator with Drain



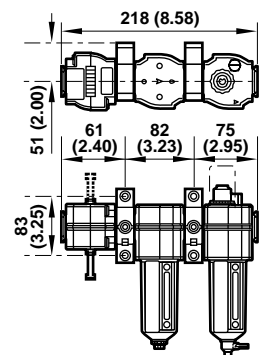


**Dimensions mm (inches).** See pages N/UK.8.180.100, N/UK.8.180.400, N/UK.8.180.600, and N/UK.8.180.700 for dimensions of individual products and the Quikclamp wall bracket.

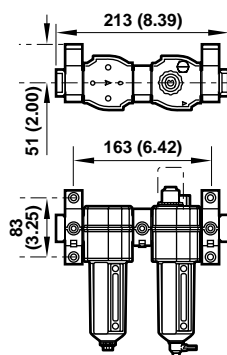
**Standard Micro-Fog Type C73C-  
Standard Oil-Fog Type C73D-**  
Shown with optional Quikclamp wall bracket.



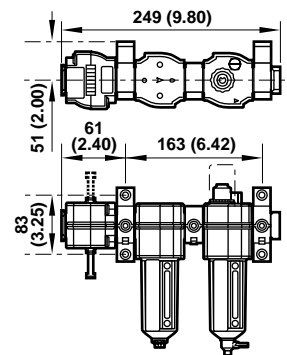
**Alternative Micro-Fog Type D73C-  
Alternative Oil-Fog Type D73D-**  
**Includes lockout valve.**  
Shown with optional Quikclamp wall bracket.



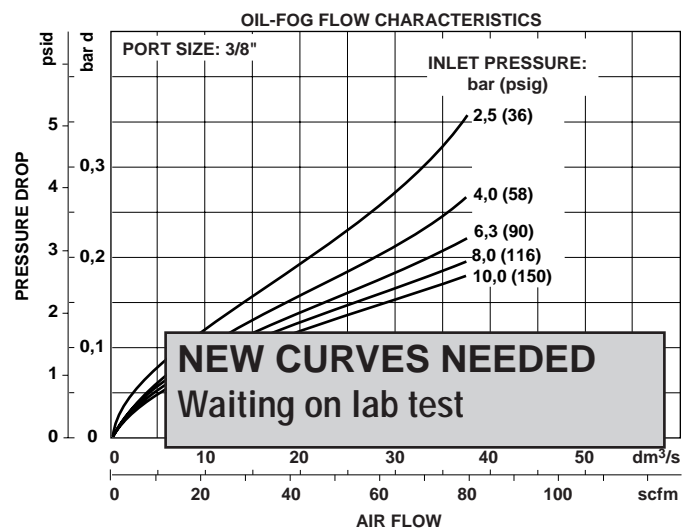
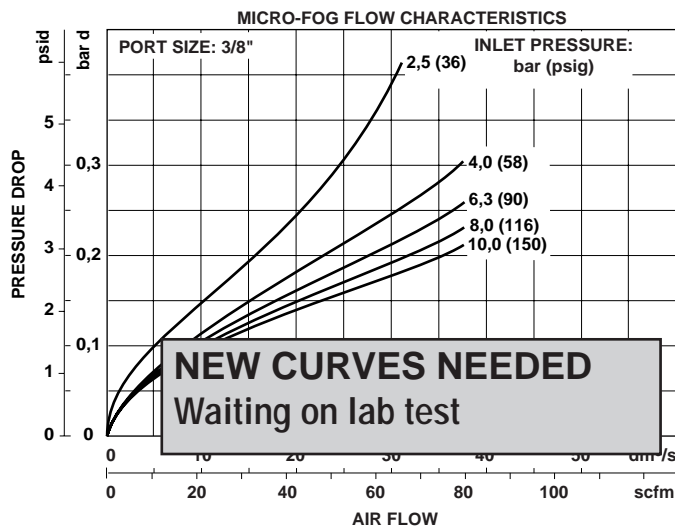
**Alternative Micro-Fog Type E73C-  
Alternative Oil-Fog Type E73D-**  
**Includes Quikmount pipe adapters.**  
Shown with optional Quikclamp wall bracket.



**Alternative Micro-Fog Type G73C-  
Alternative Oil-Fog Type G73D-**  
**Includes lockout valve and  
Quikmount pipe adapter.**  
Shown with optional Quikclamp wall bracket.



**Typical Performance Characteristics**





## Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under '**Technical Data**'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult Norgren.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

**System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.**

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.