

**Micro-Fog Lubricator
G¹/₄ to G¹/₂**

- Low flow start point
- Built-in flow sensor gives almost constant oil/air ratio over a wide range of flows
- Simple and accurate drip rate adjustment, Snap-Action Lock
- Ideal for lengthy, complex piping systems

Technical Data

Medium:

Compressed air only

Maximum Pressure:

10 bar transparent bowl

16 bar metal bowl

Operating Temperature:

-20°C* to +50°C transparent bowl

-20°C* to +80°C metal bowl

*Consult our Technical Service for use below +2°C

Start Point at 6,3 bar:

0,25 dm³/s G¹/₄

1,5 dm³/s G³/₈, G¹/₂

Nominal Bowl Capacity:

0,15 litre standard

85 cm³ optional ('Compact' Polycarbonate bowl)

Maximum Flow with 6,3 bar inlet pressure and pressure drop of 0,5 bar:

6,7 dm³/s G¹/₄

34 dm³/s G³/₈, G¹/₂

Note: These units cannot be filled under pressure.

Materials

Polycarbonate bowl (0,15 litre) to BS 6005 as standard, zinc alloy bowl (0,15 litre) optional, polycarbonate bowl (85 cm³) to BS 6005 optional. Zinc alloy body. Synthetic rubber elastomeric materials.

Ordering Information

To order a standard Micro-Fog Lubricator, quote model number from table overleaf.

For non-standard models substitute appropriate digits as instructed.


Port Sizes

G¹/₄, G³/₈, G¹/₂ to ISO 1179

Accepts ISO 228 (BS 2779) parallel or ISO 7 (BS 21) taper connectors

Alternative Models

Orientable Metal Bowl (0,15 litre only)

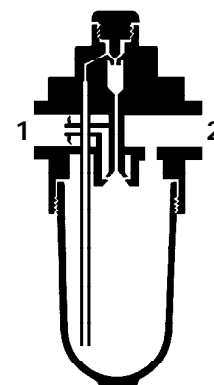
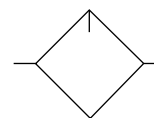
Metal Bowl without sightglass (0,15 litre only)

Bowls with Drain-cock (0,15 litre only)

'Compact' Polycarbonate Bowl

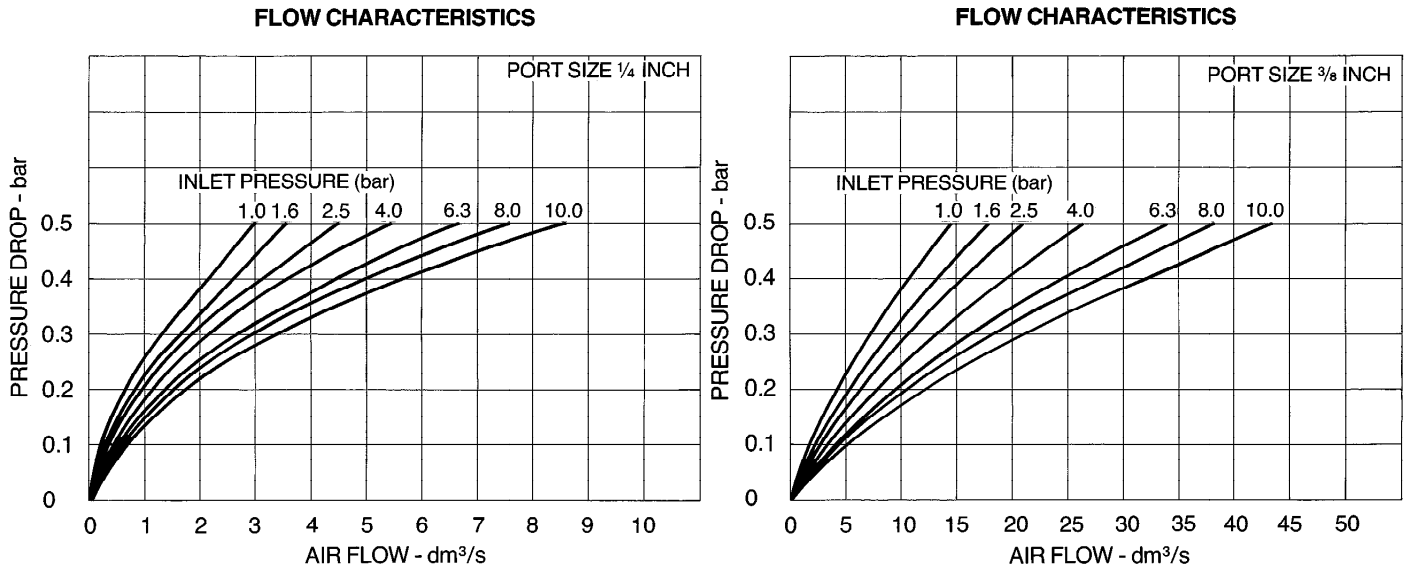
Other port thread forms

'Oil-Fog' model (L01) for general lubrication applications, see page 8.8.131.01.





Typical Performance Characteristics



Standard Micro-Fog Lubricators

Type	Port Size	Model	Weight kg
Transparent Polycarbonate bowl	G ¹ / ₄	L11-200-MLRD	0,52
	G ³ / ₈	L11-300-MPRD	0,49
	G ¹ / ₂	L11-400-MPRD	0,51
Orientable* Metal bowl	G ¹ / ₄	L11-200-ML8D	0,81
	G ³ / ₈	L11-300-MP8D	0,78
	G ¹ / ₂	L11-400-MPFD	0,77

*G¹/₂ unit has metal bowl without sightglass. Orientable metal bowl not available.

Non-standard Models

For 0,15 litre models with optional drain-cock, substitute 'C' for 'R' (transparent bowl) or 'D' for '8' or 'M' for 'F' respectively (metal bowl) at the 9th digit, e.g. L11-200-MLCD.

For 'Compact' transparent bowl models, Metal bowls without sightglass or other options, please consult our Technical Service.

Accessories

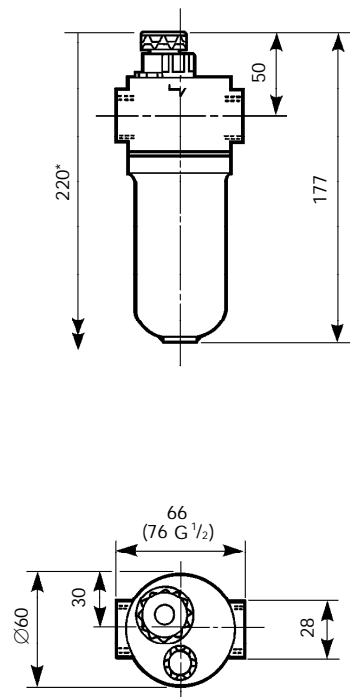
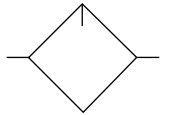
Wall Mounting Bracket Kits, see page 8.8.061.04.

Bowl Guard Kits for standard Transparent bowls, reference 18-012-985 for units with closed bowl ends or 18-012-984 for units with drain-cock.



Transparent Polycarbonate Bowl

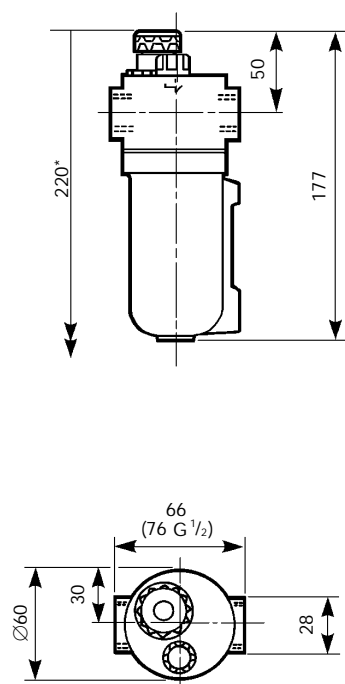
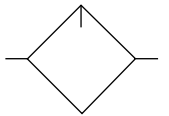
L11-200-MLRD $G\frac{1}{4}$
 L11-300-MPRD $G\frac{3}{8}$
 L11-400-MPRD $G\frac{1}{2}$



*Minimum clearance required to remove bowl from body.

Orientable Metal Bowl

L11-200-ML8D $G\frac{1}{4}$
 L11-300-MP8D $G\frac{3}{8}$
 L11-400-MPFD $G\frac{1}{2}$



*Minimum clearance required to remove bowl from body.



Bracket Mounting

G¹/₄, G³/₈

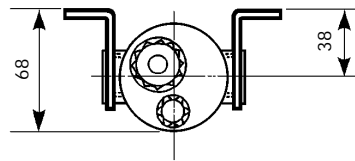
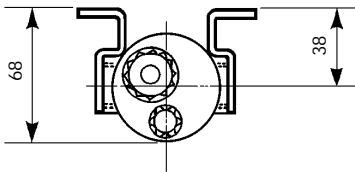
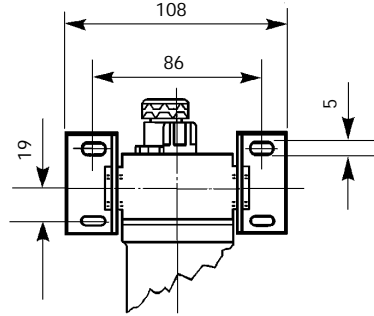
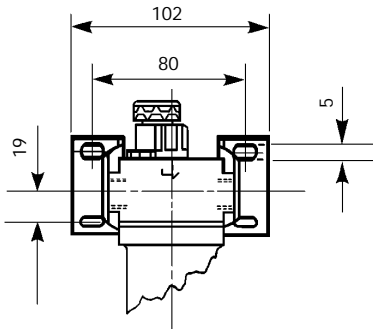
G¹/₂

Bracket Kit reference:

G¹/₄ 18-001-988

G³/₈ 18-001-989

G¹/₂ 18-001-983



Spares Kits

Bowl	Gasket Kit	Repair Kit
0,15 litre	L11-GK	L11-100

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 MARTONAIR.

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.