

**Micro-Fog Lubricator**  
**G<sup>1/2</sup>, G<sup>3/4</sup>**

- 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:

5 dm<sup>3</sup>/s

Nominal Bowl Capacity:

0,2 litre standard

1 litre, 8 litre and 20 litre optional

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

0,5 bar:

67 dm<sup>3</sup>/s

**Note:** These units cannot be filled under pressure.

**Materials**

Polycarbonate bowl (0,2 litre) to BS 6005 as standard, zinc alloy bowl (0,2 litre) optional, aluminium alloy bowl (1 litre) optional, steel reservoirs (8 litre and 20 litre) 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**

G<sup>1/2</sup>, G<sup>3/4</sup> to ISO 1179

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

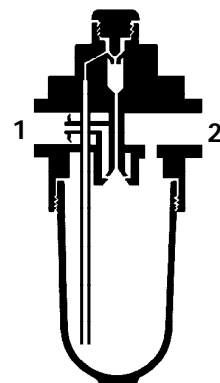
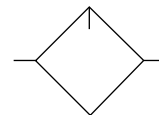
**Alternative Models**

Orientable Metal Bowl (0,2 litre only)

Bowls with Drain-cock (0,2 litre only)

Other port thread forms

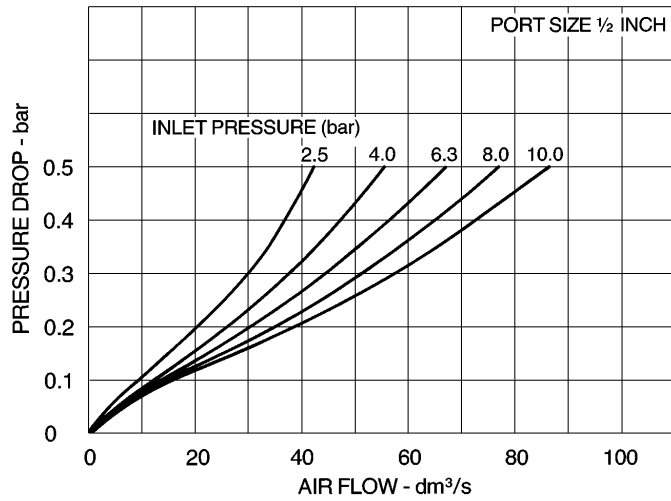
'Oil-Fog' model for general lubrication applications, see page 8.8.141.01.





## Typical Performance Characteristics

### FLOW CHARACTERISTICS



## Standard Micro-Fog Lubricators

Type	Port Size	Model	Weight kg
Transparent Polycarbonate bowl	G <sup>1</sup> / <sub>2</sub>	L12-400-MPED	0,94
	G <sup>3</sup> / <sub>4</sub>	L12-600-MPED	0,88
Orientable Metal bowl	G <sup>1</sup> / <sub>2</sub>	L12-400-MP8D	1,38
	G <sup>3</sup> / <sub>4</sub>	L12-600-MP8D	1,32

## Non-standard Models

For optional 1 litre, 8 litre or 20 litre reservoirs, substitute 'G', 'J' or 'K' respectively for '8' at the 9<sup>th</sup> digit, e.g. L12-400-MPGD.

For 0,2 litre models with optional drain-cock, substitute 'L' for 'E' (transparent bowl) or 'D' for '8' (metal bowl) at the 9<sup>th</sup> digit, e.g. L12-400-MPLD.

For other options, please consult our Technical Service.

## Accessories

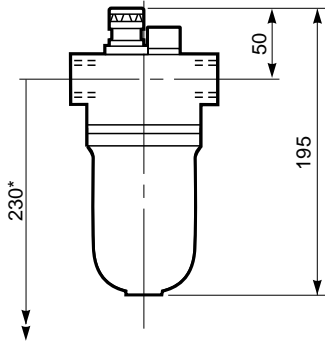
Wall Mounting Bracket Kit (0,2 litre only), see page 8.8.071.04.

Bowl Guard Kits for 0,2 litre Transparent bowls, reference 18-012-983 for units with closed bowl ends or 18-012-982 for units with drain-cock.

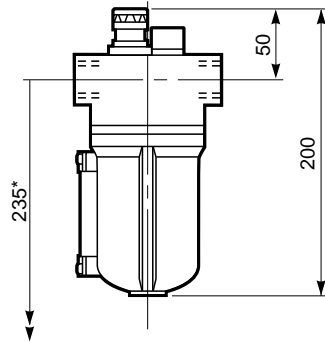


### Standard 0,2 litre Bowls

Transparent Polycarbonate Bowl

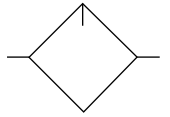


Orientable Metal Bowl



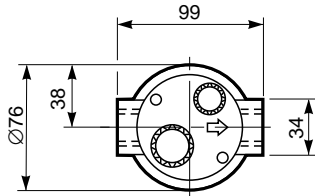
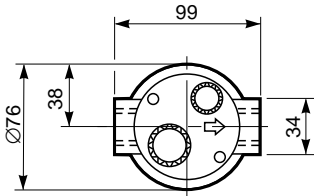
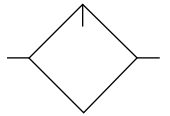
Transparent Polycarbonate Bowl

- L12-400-MPED G<sup>1/2</sup>
- L12-600-MPED G<sup>3/4</sup>



Orientable Metal Bowl

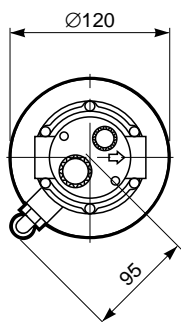
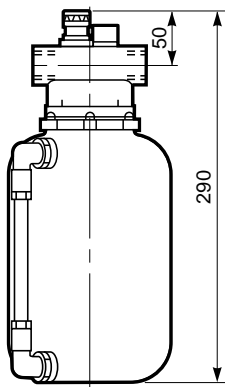
- L12-400-MP8D G<sup>1/2</sup>
- L12-600-MP8D G<sup>3/4</sup>



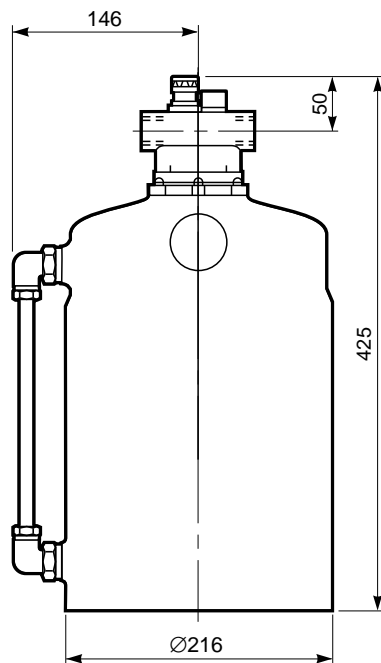
\*Minimum clearance required to remove bowl from body.

### High Capacity Reservoirs

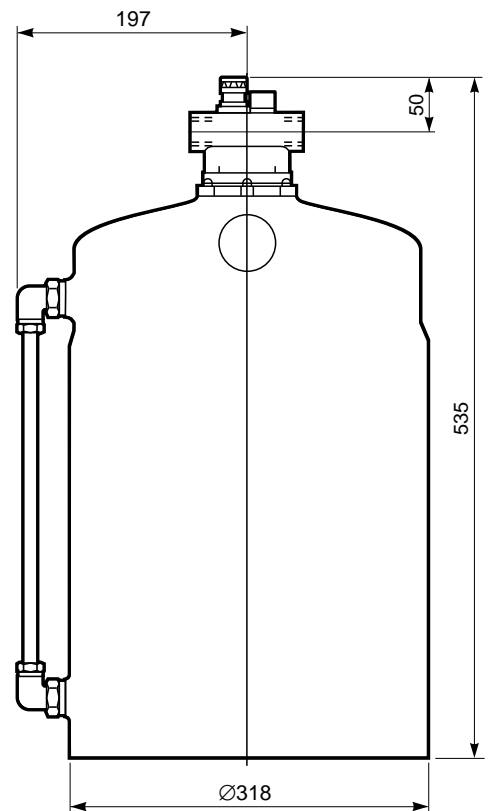
1 litre



8 litre



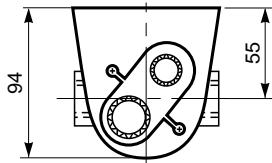
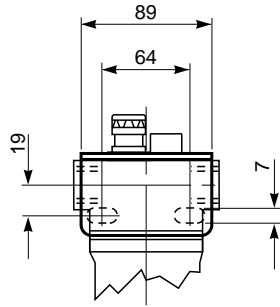
20 litre





## Bracket Mounting

**Bracket Kit reference:**  
0,2 litre models  
5532-04



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## Spares Kits

Bowl	Gasket Kit*	Repair Kit*
0,2 litre	L12-GK	L12-100M

\*These Kits do not include Metal Bowl 'O' ring.

'O' ring is included in separate Orientable Metal Bowl repair kit, reference 5860-RK.

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## 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.