Miniature Series 07
Micro-Fog Lubricator
1/8″ and 1/4″ Port Sizes

- **Compact design**
- **Provides air line lubrication to one or more air driven tools or other devices**
- **Nearly constant oil density output with varying air flow**
- **All around (360°) visibility of the sight-feed dome simplifies installation and adjustment**
- **Screw-on bowl reduces maintenance time**
- **Can be disassembled without the use of tools or removal from the air line**

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)

Start point (i.e., minimum flow required for lubricator operation):
- 0,24 dm^3/s (0.5 scfm) at 6,3 bar (90 psig) inlet pressure

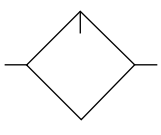
Typical flow at 6,3 bar (90 psig) inlet pressure at 0,3 bar (5 psig) pressure drop:
- 1/8″ ports: 5 dm^3/s (10 scfm)
- 1/4″ ports: 6,7 dm^3/s (14 scfm)

Nominal bowl size: 31 ml (1 fluid ounce)
Drain connection: 1/8″ pipe
Recommended lubricants: See page N/AL.**8.900.**935
Materials:
- Body: Zinc
- Bowl:
  - Transparent: Polycarbonate
  - Metal: Zinc
- Sight-feed dome: Transparent nylon
- Elastomers: Neoprene & nitrile

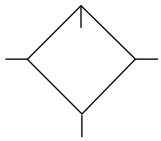
Ordering Information

See *Ordering Information* on the following pages.

ISO Symbols

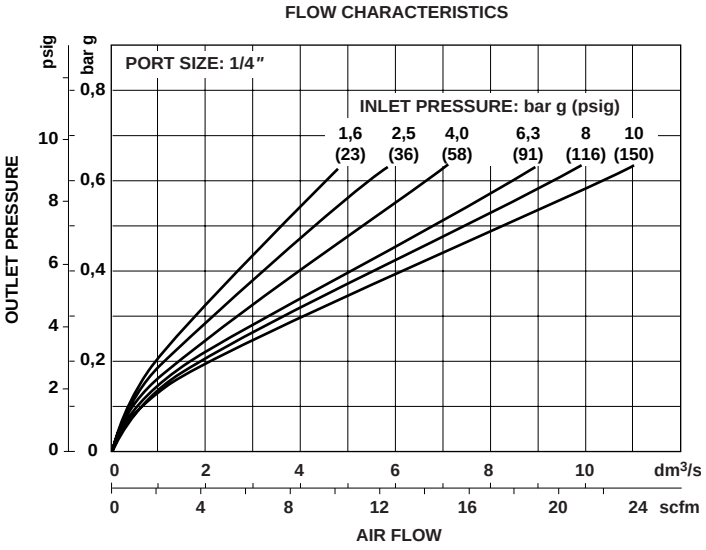


No drain



Manual drain

Typical Performance Characteristics



Ordering Information. Models listed include ISO G threads and transparent bowl without drain.

Port Size	Model Numbers	Flow dm³/s (scfm) *	Weight kg (lbs)
G1/8	L07-100-MPQG	5,0 dm³/s (10)	0.13 (0.28)
G1/4	L07-200-MPQG	6,7 dm³/s (14)	0.13 (0.28)

* Approximate flow at 6.3 bar (90 psig) inlet pressure and 0.5 bar (7 psig) pressure drop.

Alternative Models

L 0 7 - ★ ★ ★ - ★ ★ ★ ★

Port Size	Substitute
1/8"	1
1/4"	2

Option	Substitute
Not applicable	0

Option	Substitute
Not applicable	0

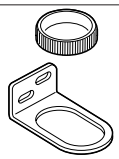
Threads	Substitute
PTF	A
ISO Rc taper	B
ISO G parallel	G

Bowl and Drain	Substitute
Transparent without drain	Q
Metal with drain	M

Flow	Substitute
Unidirection	P

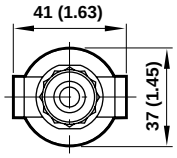
Lubricator Type	Substitute
Micro-Fog	M

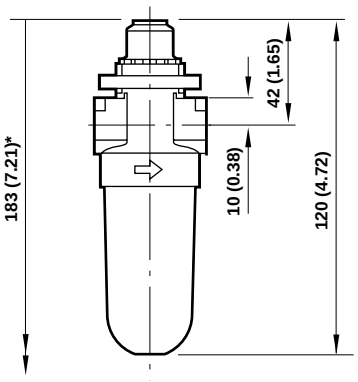
Accessories

 Wall Mounting Bracket and Plastic Panel Nut	 Panel Nut	 Tamper Resistant Snap-on Cap for Standard Sight-Feed Dome
18-025-003	Plastic: 2962-89	4050-89
	Metal: 2962-04	

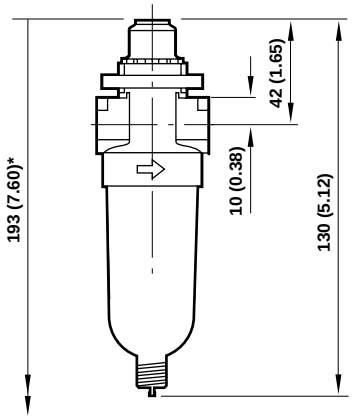
Dimensions mm (inches)

Panel mounting hole diameter 30 mm (1.9″)
Maximum panel thickness 0 to 6 mm (0 to 0.25″)





Without Drain

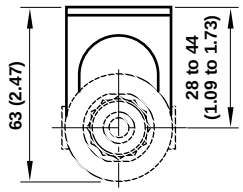


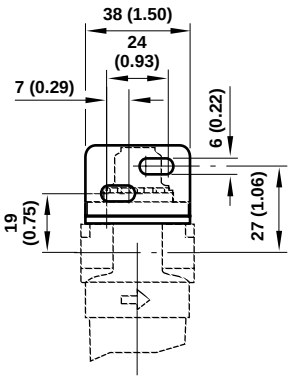
Manual Drain

* Minimum clearance to remove bowl.

Bracket Mounting

Use 1/8″ (3 mm) screws to mount bracket to wall.





Bracket Kit Reference

Item	Part Number
All models	18-025-003

Service Kits

Item	Type	Part number
Service kit	Seal and o-ring	3795-03
Replacement drain	Manual	773-03

Service kit includes o-ring, seal, and bowl o-ring.

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.

Water vapor will pass through these units and will condense into liquid if air temperature drops in the downstream system. Install an air dryer if water condensation could have a detrimental effect on the application.