

**Excelon 72 Micro-Fog and Oil-Fog  
Lubricator 1/4", 3/8" Port Sizes**

- Excelon design allows in-line or modular installation
- Quick release bayonet bowl
- Flow sensor provides a consistent oil/air ratio over a wide range of flows
- Highly visible, prismatic liquid level indicator lens on metal bowls
- All round (360°) visibility of sight-feed dome for ease of drip rate setting
- Modular installations with Excelon 72, 73, and 74 series can be made to suit particular applications

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

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



**Ordering Information.** Models listed include PTF threads, manual drain, and long transparent bowl without guard.

Type	Main Port Size	Model Number	Flow* scfm (dm <sup>3</sup> /s)	Weight lb (kg) <sup>†</sup>
Micro-Fog	1/4"	L72M-2AP-QLN	51 (24)	1.1 (0.49)
	3/8"	L72M-3AP-QLN	51 (24)	1.1 (0.49)
Oil-Fog	1/4"	L72C-2AP-QLN	51 (24)	1.1 (0.49)
	3/8"	L72C-3AP-QLN	51 (24)	1.1 (0.49)

\* Typical flow with 90 psig (6.3 bar) inlet pressure and a pressure drop of 7 psig (0.5 bar).

**Alternative Models**

Alternative Models

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Type	Substitute
Oil-Fog	C
Micro-Fog	M

Port Size	Substitute
1/4"	2
3/8"	3

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

Options	Substitute
None	N
Pyrex dome	P†

Bowl	Substitute
Short metal with plastic liquid level indicator	D
Short metal with Pyrex liquid level indicator	R
Long metal with plastic liquid level indicator	E
Long metal with Pyrex liquid level indicator	U
Short transparent without guard	T
Long transparent without guard	L
Long transparent with guard	W

Drain	Substitute
Closed bottom bowl	E
1/4 turn manual	O

† For use with metal bowl with Pyrex sight glass

**See Section ALE-25 for Accessories**



## Technical Data

Fluid: Compressed air

Maximum pressure:

Transparent bowl: 150 psig (10 bar)

Metal bowl: 250 psig (17 bar)

Operating temperature\*:

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

Metal bowl: 0° to 150°F (-20° to 65°C)

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

Start point (i.e. minimum flow required for lubricator operation) at 90 psig (6.3 bar)

inlet pressure:

Micro-Fog: 2.0 scfm (0.94 dm³/s)

Oil-Fog: 1.0 scfm (0.47 dm³/s)

Typical flow at 90 psig (6.3 bar) inlet pressure and 7 psig

(0.5 bar) pressure drop: 51 scfm (24 dm³/s)

Nominal reservoir capacity:

Short bowl: 1.9 fluid ounce (56 ml)

Long bowl: 2.2 fluid ounce (65 ml)

Manual drain connection: Will fit 1/8-27 and 1/8-28 pipe thread

Recommended lubricants: See Section ALE-29.

Materials:

Body: Zinc

Reservoir:

Transparent: Polycarbonate

Guard for transparent reservoir: Zinc

Metal: Zinc

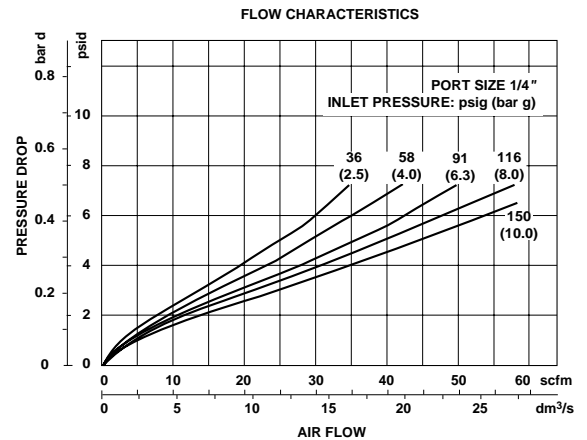
Metal reservoir liquid level indicator lens:

Transparent nylon

Sight-feed dome: Transparent nylon

Elastomers: Neoprene, nitrile, and Geolast®

## Typical Performance Characteristics

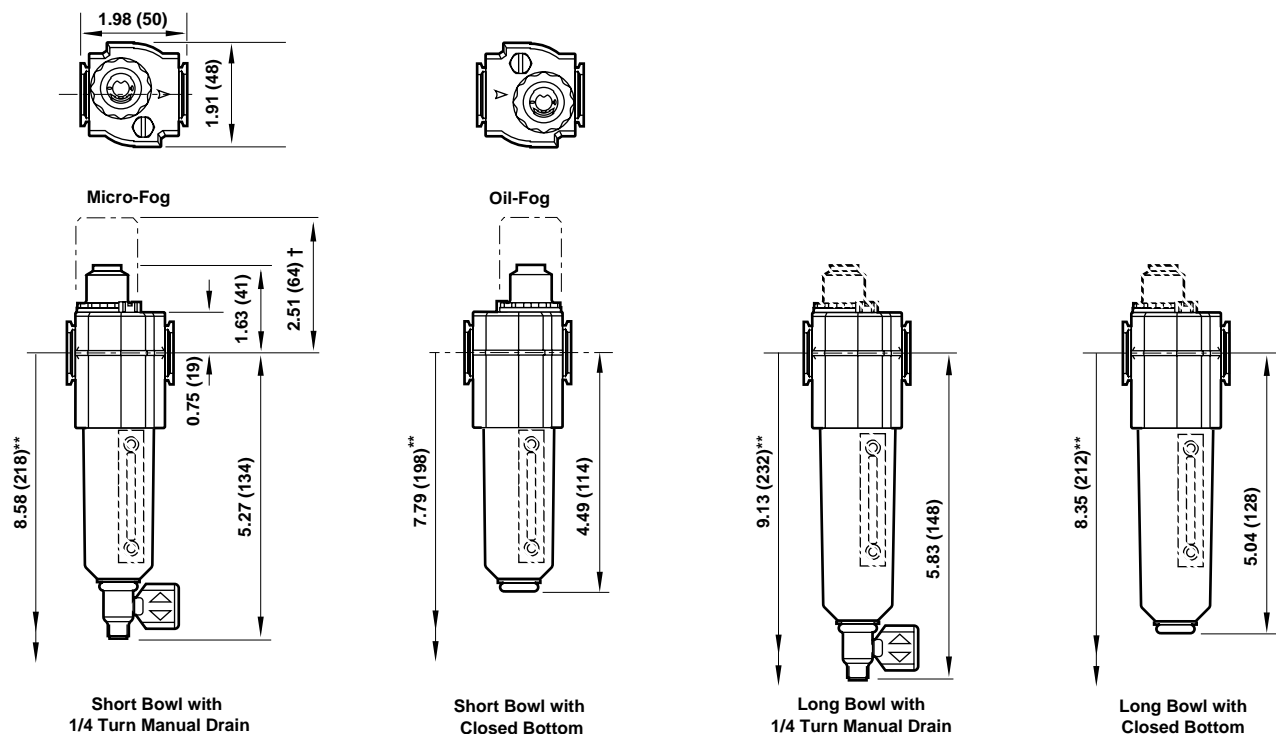


## Service Kits

Item	Type	Part Number
Service kit	Seal and gasket	4382-500
Liquid level lens kit	Prismatic	4380-030
Replacement drains	1/4 turn manual	619-50

Service kit includes plug o-ring, sight-feed dome seal, manual drain o-ring and bowl o-ring.

All Dimensions in Inches (mm)



\*\* Minimum clearance required to remove bowl.

† Optional pyrex sight-feed dome.