

**EXCELON® Series 74  
Lubricator  
3/8", 1/2", 3/4" Port Sizes**

- **EXCELON design allows in-line or modular installation**
- **Quick release bayonet bowl**
- **Flow sensor design provides a nearly constant oil/air ratio over a wide range of air flows**
- **All around (360°) visibility of the sight-feed dome simplifies installation and adjustment**
- **Micro-Fog and Oil-Fog models available †**
- **Optional bi-directional Oil-Fog models are available for use downstream of frequently cycling directional control valves.**

† 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

Metal bowl: 17 bar

Operating Temperature\*:

Transparent bowl: -20° to 50°C

Metal bowl: -20° to 80°C

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

Manual drain connection:

7/16" X 24 TPI (1/4" male OD tube)

Typical flow with 6,3 bar inlet pressure and 0,5 bar pressure drop:  
68 dm<sup>3</sup>/s

Recommended lubricants:

Use a misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 38°C. The oils used must be compatible with materials of construction. Contact your lubricant supplier and the builder of the equipment to be lubricated to obtain specific lubricant recommendations.

Materials:

Body: Aluminium

Bowl:

Plastic: Transparent polycarbonate with zinc bowl guard

Metal: Aluminium

Metal bowl liquid level indicator lens:

0,2 litre: Transparent nylon (Pyrex optional)

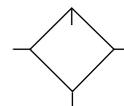
1 litre: Pyrex

Sight-Feed dome: Transparent nylon

Elastomers: Neoprene and Nitrile

**Ordering Information**

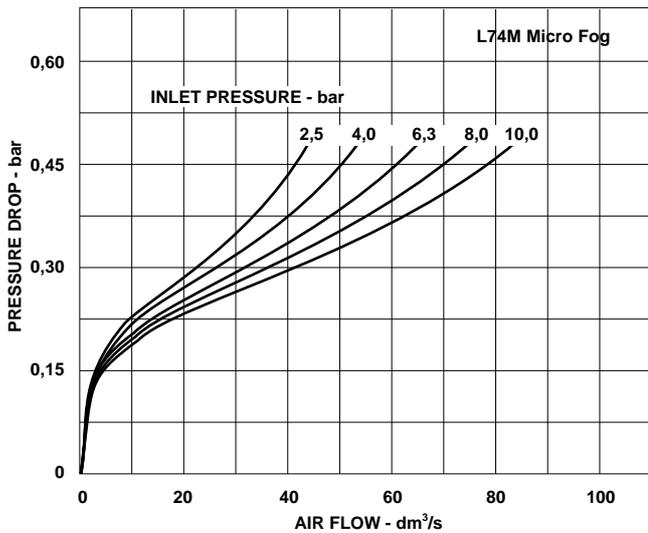
See *Ordering Information* on following pages.

**ISO Symbols**


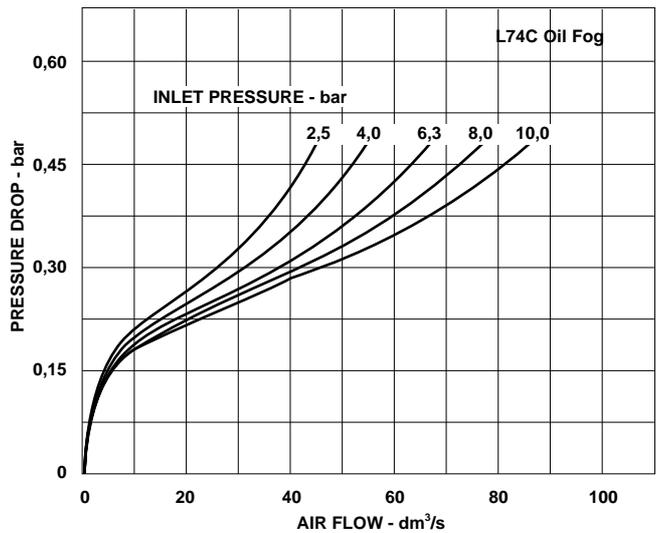


## Typical Performance Characteristics

FLOW CHARACTERISTICS



FLOW CHARACTERISTICS



**Ordering Information.** Models listed include ISO G parallel threads and a 0,2 litre transparent bowl with guard.

Main Port Size	Model Number Micro-Fog Models *	Model Number Oil-Fog Models *	Flow <sup>†</sup> dm <sup>3</sup> /s	Weight kg**
G3/8	L74M-3GP-QPN	L74C-3GP-QPN	50	0,77
G1/2	L74M-4GP-QPN	L74C-4GP-QPN	70	0,73
G3/4	L74M-6GP-QPN	L74C-6GP-QPN	70	0,71

\* Models listed in the order table must not be located downstream of frequently cycling directional control valves. Order the optional bidirectional Oil-Fog Lubricator for use under such conditions.

\*\* Lubricators with 1 litre metal bowl: Add 0,91 kg.

† Typical flow with 6,3 bar inlet pressure and a pressure drop of 0,5 bar.

## Alternative Models

Type	Substitute
Oil-Fog	C
Micro-Fog	M

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

Direction of air flow Oil Fog Models only	Substitute
Bi-directional	E
Uni-directional	P

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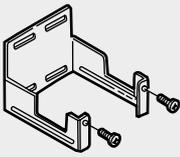
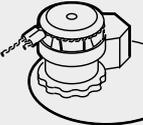
Body Options	Substitute
Pyrex dome	P
Quick fill nipple	Q
Low liquid level switch††	L

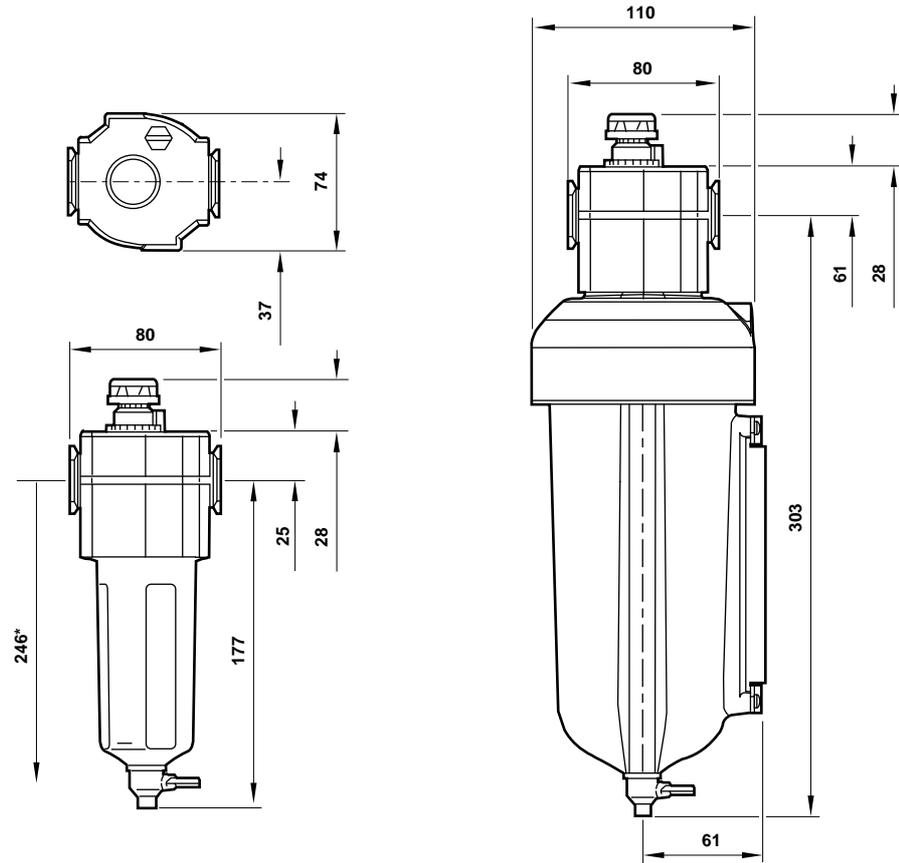
†† 0,2 litre bowl only

Bowl	Substitute
1 litre metal with Pyrex liquid level indicator	A
0,2 litre metal with prismatic liquid level indicator	D
0,2 litre Transparent with guard	P

Drain	Substitute
Closed bottom	E
Manual 1/4 turn	Q
Remote fill device	R

## Accessories

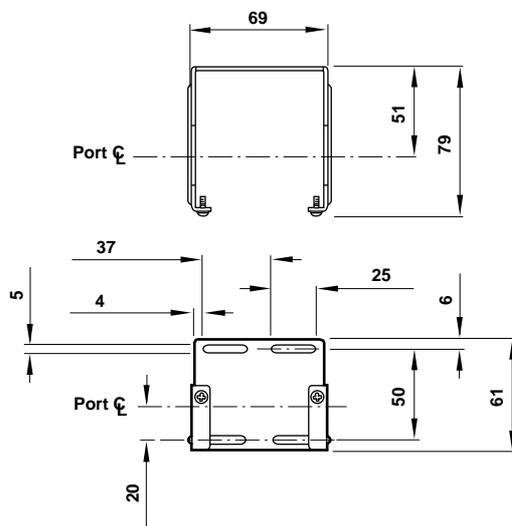
			
Wall Mounting Bracket	Tamper Resistant Wire	Quick Fill Nipple	Level Switch
4324-50	2117-01 (pack of 10)	18-011-024	18-023-610 (to fit 1 litre bowl version)



\* Minimum clearance to remove bowl

### Bracket Mounting

Use 5 mm screws to mount bracket to wall.



### Bracket Kit Reference

Model	Part No.
0,2 litre (7 ounce) bowl only	4324-50

### Service Kits

Item	Type	Part Number
Service kit	Seal and Gasket	4382-700
Liquid level lens kit	Prismatic	4380-050
Replacement drain	Manual 1/4 turn	619-50

Service kit includes dome seal, drain seal, bowl seal and fill plug seal



## 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.