

Excelon® Modular System L72M/C, L73M/C, L74M/C Lubricators

- Excelon® design allows in-line or modular installation
- Quick release bayonet bowl.
- Flow sensor provides nearly constant 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
- Micro-fog and oil-fog



Technical data

Fluid:

Compressed air, neutral gases
NOTE: Contact technical support for use with other media.

Maximum pressure:

Transparent bowl:
150 psig (10 bar)
Metal bowl: 250 psig (17 bar)

Operating temperature*:

Metal bowl: (72) -30° to 150°F
(-34° to 66°C) (73, 74) -30° to 175°F (-34° to 80°C)

Transparent bowl:

-30° to 125°F (-34° to 51°C)
*Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Materials

L72
Body: zinc
Elastomers: nitrile
Transparent bowl: polycarbonate
Metal bowl: zinc
Liquid level indicator lens (metal bowl): transparent nylon

Sight-feed dome:

transparent nylon
Elastomers: chloroprene, nitrile, & Geolast

L73, L74

Body: aluminum
Transparent bowl: polycarbonate
Guarded transparent bowl: polycarbonate with aluminum guard
Metal bowl: aluminum
Liquid level indicator lens (metal bowl): transparent nylon

bowl: transparent nylon

Sight-feed dome:
transparent nylon

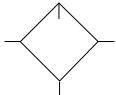
Elastomers: chloroprene, nitrile

Microfog: Fine mist lubrication with oil particle size typically less than 2µm. For use in lengthy air lines or multiple valve and cylinder circuits.

Oilfog: Suitable for heavy lubrication systems such as single cylinder air motors and air tools.

Ordering information

Models listed include PTF threads, manual drain, and metal bowl with plastic liquid level indicator.

ISO Symbols	Type	Port Size	Model*	Flow** scfm (dm³/s)	Nominal bowl capacity (oz)	Weight lb (kg)†
 With Drain	Micro-Fog	1/4"	L72M-2AP-QEN	51 (24)	2.2	1.1 (0.49)
	Oil Fog	1/4"	L72C-2AP-QEN	51 (24)	2.2	1.1 (0.49)
	Micro Fog	3/8"	L73M-3AP-QDN	60 (28)	3.5	1.1 (0.50)
	Oil Fog	3/8"	L73C-3AP-QDN	60 (28)	3.5	1.1 (0.50)
	Micro Fog	3/8"	L74M-3AP-QDN	114 (54)	7.0	1.70 (0.77)
	Oil Fog	3/8"	L74C-3AP-QDN	118 (56)	7.0	1.70 (0.77)
	Micro Fog	1/2"	L74M-4AP-QDN	154 (73)	7.0	1.61 (0.73)
	Oil Fog	1/2"	L74C-4AP-QDN	192 (91)	7.0	1.61 (0.73)
	Micro Fog	3/4"	L74M-6AP-QDN	142 (67)	7.0	1.55 (0.71)
	Oil Fog	3/4"	L74C-6AP-QDN	186 (88)	7.0	1.55 (0.71)

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

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

† (74) Lubricators with 1 quart (1 liter) metal bowl: Add 2.01 lbs (0.91 kg).



Options selector

Series	Substitute
72	2
73	3
74	4
Type	Substitute
Oil-fog	C
Micro-fog	M
Port size	Substitute
1/4 (72, 73)	2
3/8 (72, 73, 74)	3
1/2 (73, 74)	4
3/4 (74)	6
Threads	Substitute
PTF	A
ISO G parallel	G

L7★★-★★P-Q★★N

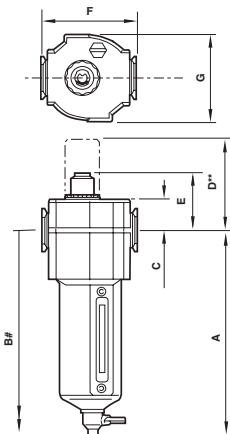
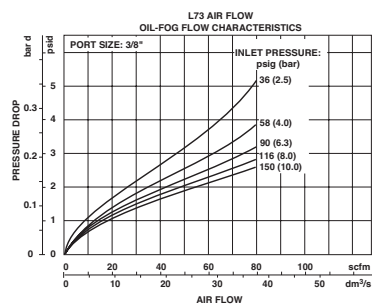
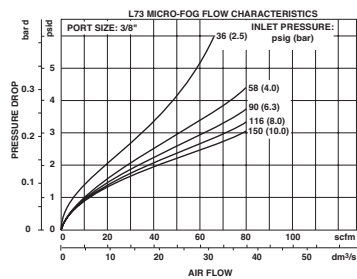
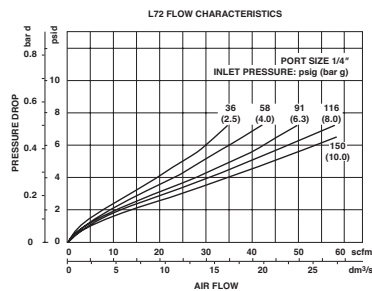
Bowl	Substitute
1-qt metal w/liquid level indicator (74)	A
Metal w/ liquid level indicator	D
Long metal w/liquid level indicator (72)	E
Transparent with guard (73, 74)	P
Transparent (72, 73)	T

Accessories

	Wall mounting bracket*	Pipe adapters (quantity of 1) (NPT)	Quikclamp® (quantity of 1)	Quikclamp® and wall bracket (quantity of 1)	Quick fill nipple	Service Kit Seal and gasket
L72	4224-50	4215-02 (1/4) 4215-03 (3/8)	4214-51	4214-52		4382-500 (72M/C)
L73	4424-50	4315-01 (1/4) 4315-02 (3/8) 4315-03 (1/2) 4315-04 (3/4)	4314-51	4314-52	18-011-024	4382-600 (73M/C)
L74	4324-50	4315-02 (3/8) 4315-03 (1/2) 4315-04 (3/4)	4314-51	4314-52 4314-55 (1-qt bowl)	18-011-024	4382-700 (74M/C)

* Bracket kit does not include wall mounting screws.

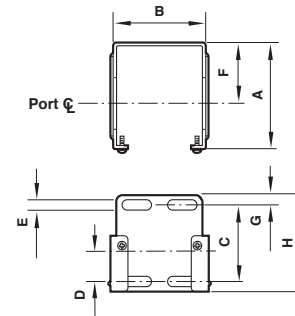
Typical performance characteristics



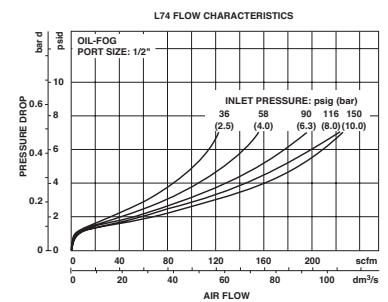
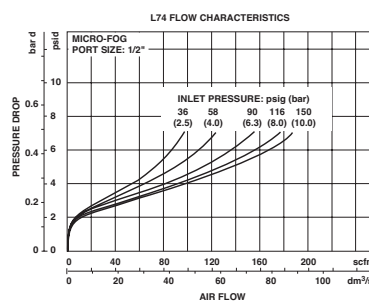
** Optional Pyrex sight-feed dome.
Minimum clearance required to remove bowl.

Series	A	B	C	D	E	F	G
72	5.83	9.13	0.75	2.52	1.61	1.97	1.89
73	6.15	10.04	0.98	2.76	1.85	2.68	2.44
74	6.95	10.87	0.98	2.68	1.85	3.15	2.91
	A	B	C	D	E	F	G
74 w/1 qt bowl closed bottom	11.14	20.0	0.98	2.68	1.85	3.15	2.91
74 w/1 qt bowl w/drain	11.93	20.0	0.98	2.68	1.85	3.15	2.91

Mounting bracket



Series	A	B	C	D	E	F	G	H
72	2.36	1.65	1.54	0.73	0.16	1.50	0.24	2.01
73	2.64	2.36	1.89	0.75	0.28	1.50	0.24	2.40
74	3.11	2.72	1.97	0.79	0.20	2.01	0.24	2.40



Dimensions in inches (mm)