

**17 Series Micro-Fog and Oil-Fog Lubricators
3/4", 1", 1-1/4" and 1-1/2" Port Sizes**

- All around (360°) visibility of the sight-feed dome simplifies installation and adjustment
- Screw-on bowl reduces maintenance time
- Can be serviced without the use of tools or removal from the air line
- Flow sensor design provides a nearly constant oil/air ratio over a wide range of air flows

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



Ordering Information. Models listed are uni-directional and include a 1 quart US (1 liter) metal bowl with drain, sight glass, and PTF threads.

Port Size	Micro-Fog Models*	Oil-Fog Models*	Flow† scfm (dm ³ /s)	Weight lbs (kg)
3/4"	L17-600-MPDA	L17-600-OPDA	160 (76)	3.73 (1.69)
1"	L17-800-MPDA	L17-800-OPDA	275 (130)	3.56 (1.62)
1-1/4"	L17-A00-MPDA	L17-A00-OPDA	275 (130)	4.65 (2.11)
1-1/2"	L17-B00-MPDA	L17-B00-OPDA	275 (130)	3.67 (1.67)

* 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 5 psig (0.35 bar).

Alternative Models

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Port Size	Substitute
3/4"	6
1"	8
1-1/4"	A
1-1/2"	B

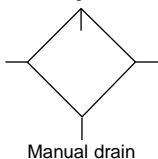
Option	Substitute
Not applicable	00

Lubricator Type	Substitute
Micro-Fog	M
Oil-Fog	O

Flow	Substitute
Bi-directional (Oil-Fog only)	E
Uni-directional	P

Threads	Substitute
PTF	A
ISO Rc taper	B
BSPP (1-1/2" ported units)	C
ISO G parallel (not available with 1-1/2" ported units)	G

Reservoir	Substitute
1 quart US (1 liter) metal, drain, sight glass	D
1 quart US (1 liter) metal, remote fill, sight glass	4
2 quart US (2 liter) metal, drain, sight glass	H
2 gallon US (8 liter) metal, drain, sight glass	J
5 gallon US (20 liter) metal, drain, sight glass	K

ISO Symbol


See Section ALE-25 for Accessories



Technical Data

Fluid: Compressed air

Maximum pressure: 250 psig (17 bar)

Operating temperature*: 0° to 175°F (-20° to 80°C)

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

Start point (minimum flow required for lubricator operation): 8 scfm (3.8 dm³/s) at 90 psig (6.3 bar) inlet pressure

Typical flow with 90 psig (6.3 bar) inlet pressure and 5 psig (0.35 bar) pressure drop:

1" ports: 275 scfm (130 dm³/s)

Nominal reservoir size

Standard: 1 quart US (1 liter)

Optional: 2 quart US (2 liter)

2 gallon US (8 liter)

5 gallon US (20 liter)

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

Recommended lubricants: See Section ALE-29.

Materials

Body: Aluminum

Reservoir:

1 quart US (1 liter): Aluminum

2 quart US (2 liter) and larger: Steel**

Reservoir sight glass: Pyrex

Sight-feed dome

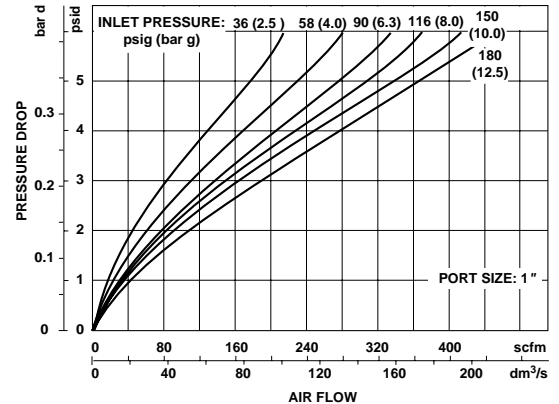
Standard: Transparent nylon

Optional: Pyrex and aluminum

Elastomers: Neoprene and nitrile

** The 2 and 5 gallon (8 and 20 liter) steel reservoirs are ASME rated according to the ASME Pressure Vessel Code, Section VIII

Typical Performance Characteristics



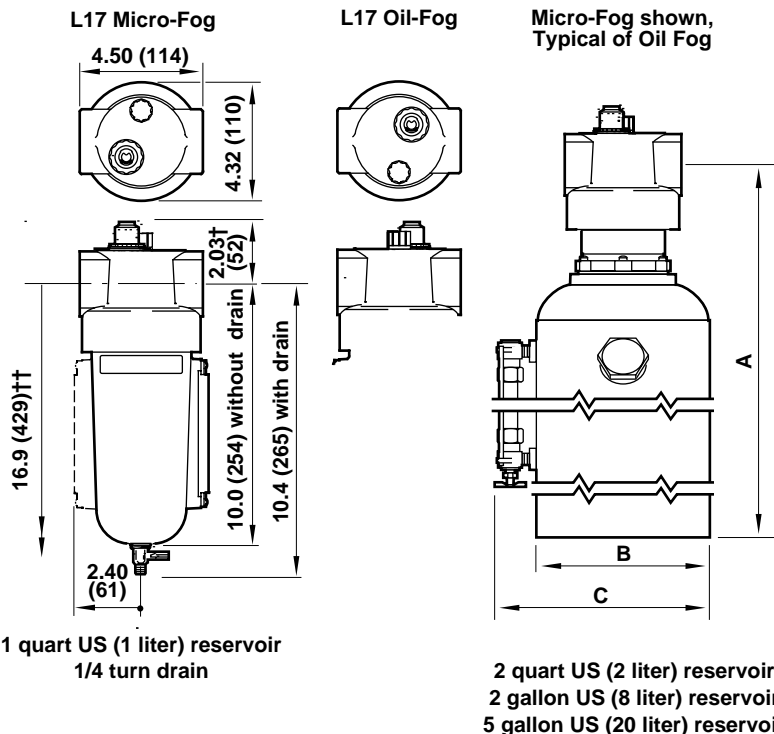
Service Kits

Item	Type	Part Number
Service kit	Oil-Fog and Micro-Fog	5771-02
Reservoir sight glass kit	1 quart US (1 liter)	2273-22
	2 quart US (2 liter)	2273-04
	2/5 gallon US (8/20 liter)	2274-01
Replacement drain	1/4 Turn	619-50

Service kit 5771-02 includes o-rings, seals and gaskets.

Reservoir sight glass kits, include all o-rings, seals, glass, guard, and sight glass hardware.

All Dimensions in Inches (mm)



Reservoir	A	B Ø	C
2 quart US (2 liter)	13.1 (333)	4.63 (118)	5.38 (137)
2 gallon US (8 liter)	21.2 (538)	6.25 (159)	7.44 (189)
5 gallon US (20 liter)	24.2 (614)	10.3 (260)	11.4 (291)

† Standard dome: 2.03" (52 mm)

Pyrex dome: 2.72" (69 mm)

†† Minimum clearance required to remove bowl.