Olympian
Micro-Fog and Oil-Fog Lubricator
3/4″, 1, 1 1/4″, 1 1/2″ Port Sizes

- **Olympian plug-in design**
- **Built in flow sensor gives almost consistant oil/air ratio over a wide range of flows**
- **0,5 and 1 litre (1 pint and 1 quart US) models can be filled under pressure**
- **Simple and accurate drip rate adjustment, snap action lock**
- **Ideal for general lubrication 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.

Use Fixed Venturi for high flow general purpose applications.

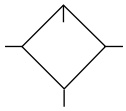
Technical Data

Fluid: Compressed air
Maximum pressure: 17 bar (250 psig)
Operating temperature*: -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) at
6,3 bar (90 psig) inlet pressure:
Micro-Fog: 6 dm^3/s (13 scfm)
Oil-Fog: 6 dm^3/s (13 scfm)
Fixed venturi: 52 dm^3/s (110 scfm)
Typical flow at 6,3 bar (90 psig) inlet pressure and 0,5 bar
(7 psig) pressure drop:
Micro-Fog and Oil-Fog: 175 dm^3/s (370 scfm)
Fixed venturi: 400 dm^3/s (848 scfm)
Nominal bowl sizes:
0,5 litre (1 pint US)
1 litre (1 quart US)
8 litre (2 gallons US)
20 litre (5 gallons US)
Recommended lubricants: See page N/AL.**8.900.**935
Materials:
Body: Aluminium
Yoke: Aluminium
Bowl, 0,5 litre (1 pint US) and 1 litre (1 quart US): Aluminium
Bowl sight glass: Pyrex
Reservoirs, 8 litre (2 gallons US) and 20 litre (5 gallons US):
Steel
Reservoir sight tube: Polythene
Elastomers: Synthetic rubber

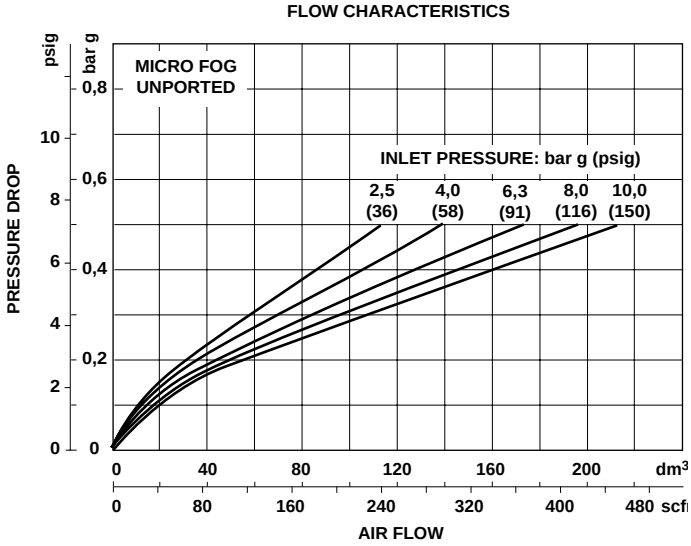
Ordering Information

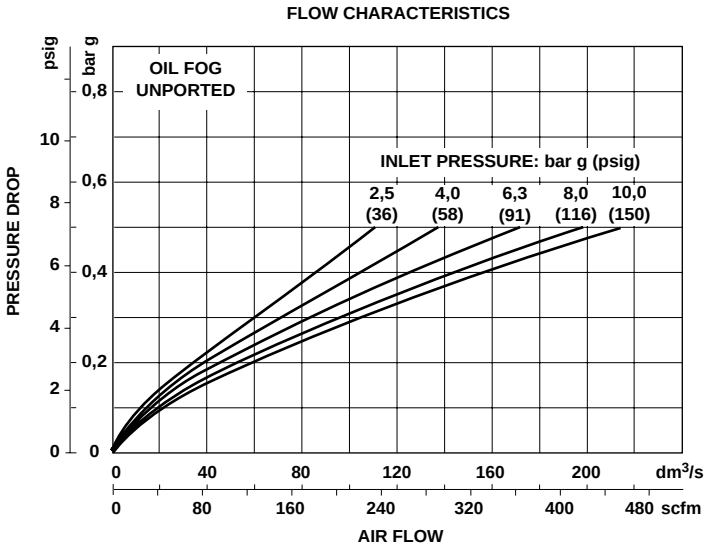
See *Ordering Information* on the following pages.

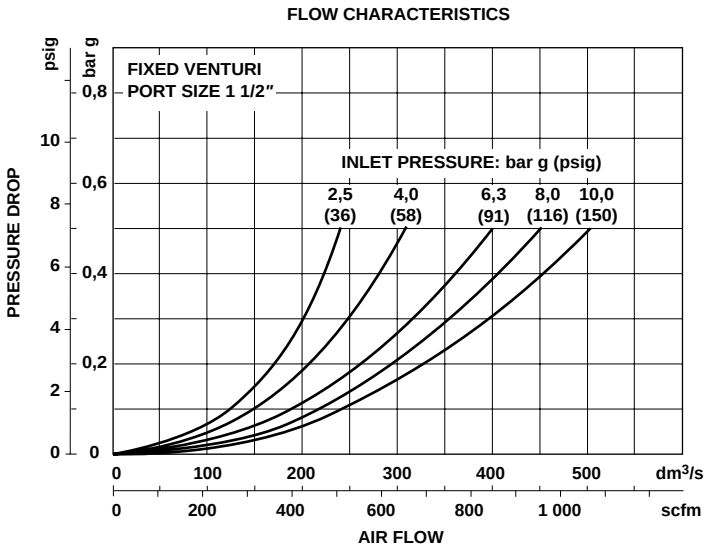
ISO Symbol



Typical Performance Characteristics







Ordering Information. Models listed include ISO G threads, 0,5 litre (1 pint US) reservoir without drain.

Type	Port Size	Model	Weight kg (lb)
Micro-Fog	G3/4	L15-600-MP9D	2,31 (5.13)
	G1	L15-800-MP9D	2,25 (5.00)
	G1 1/4	L15-A00-MP9D	2,29 (5.09)
	G1 1/2	L15-B00-MP9D	2,33 (5.18)

Alternative Models

L 1 5 - ★ 0 ★ - ★ P ★ ★

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

Options	Substitute
Standard	0
Fixed venturi	1*

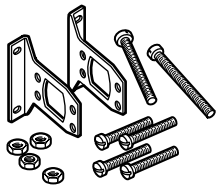
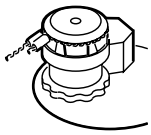
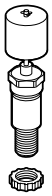
Type	Substitute
Oil-Fog	O*
Micro-Fog	M

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

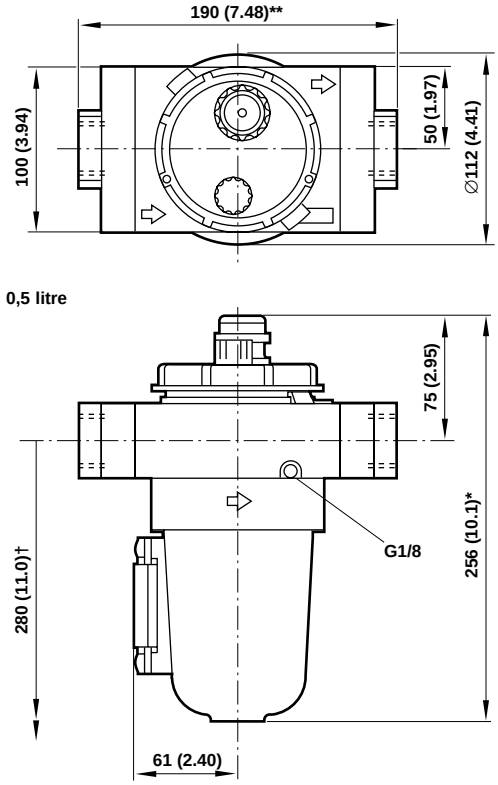
Bowl	Substitute
0,5 litre (1 pint US), no drain	9
1 litre (1 quart US), no drain	8
0,5 litre (1 pint US) with drain	7
1 litre (1 quart US) with drain	D
8 litre (2 gallons US)	J
20 litre (5 gallons US)	K

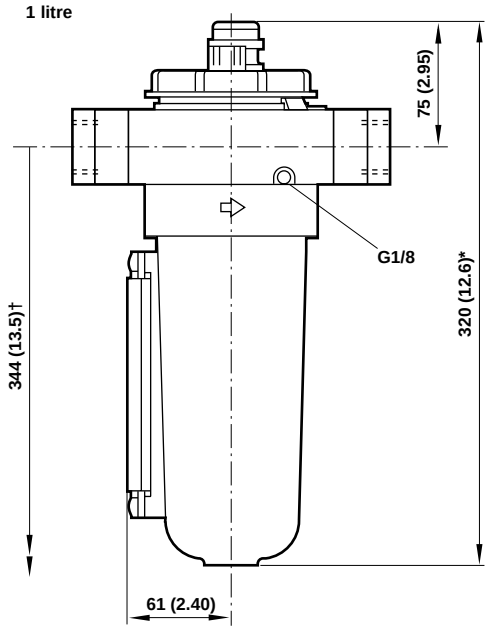
* Fixed venturi, Oil Fog only

Accessories

 Wall Mounting Bracket	 Tamper Resistant Wire	 Quick Fill Nipple	 Level Switch	 Remote Fill Kit
G3/4 18-001-979	2117-01 (pack of 10)	18-011-021	8 litre: 18-007-975	18-027-980
G1 18-001-979			20 litre: 18-007-974	
G1 1/4 18-001-978				
G1 1/2 N/A				

Dimensions mm (inches)

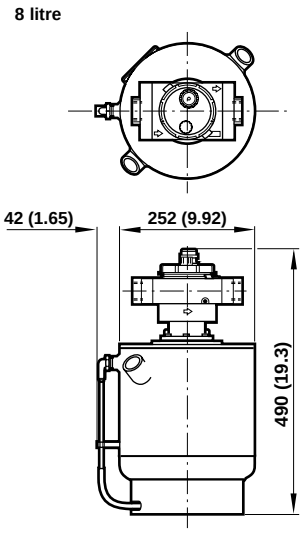


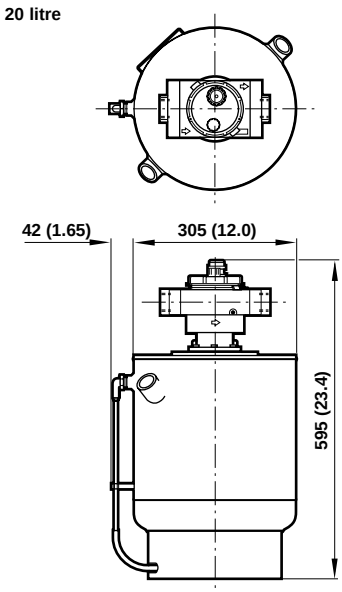


† Minimum clearance required to remove bowl.

* For 1/4 turn manual drain add 16 mm (0.63″) on 0,5 and 1 litre bowls.

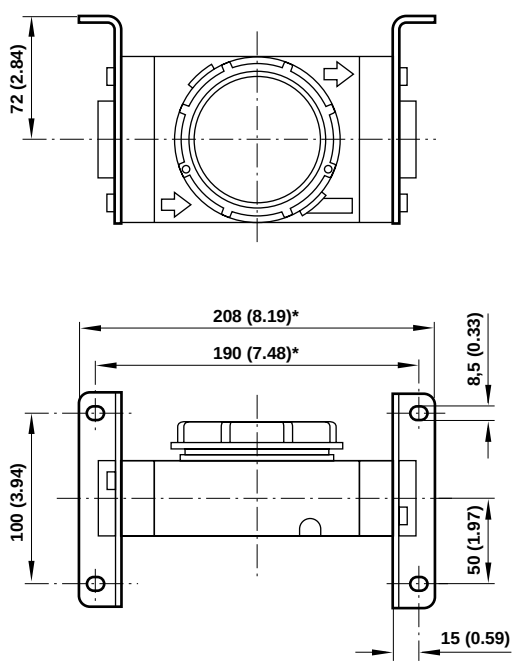
** 200 mm (7.87″) for 1 1/4″ and 1 1/2″ models.





Bracket Mounting

Use 4 mm (5/32″) screws to mount bracket to wall.



Bracket Kit Reference

Item	Type	Part Number
Wall Bracket	3/4″ model	18-001-979
	1″ model	18-001-979
	1 1/4″ model	18-001-978
	1 1/2″ model	N/A

Service Kits

Item	Type	Part Number
Service kit	Micro-Fog	L15-100M
	Oil-Fog	L15-100O
Replacement Sight Glass for 0,5 litre (1 pint US) bowls	Pyrex	5872-99
Replacement Drain	Manual	684-84

Service kit includes sight dome assembly, screen, filler plug, ball, threaded cap and necessary seals and o-rings. Oil-Fog service kit also contains spring.

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.