

**Olympian Plus  
Micro-Fog and Oil-Fog Lubricators  
1/4", 3/8", 1/2", 3/4" Port Sizes**

- **Olympian Plus plug in design**
- **Constant oil density output with varying flow**
- **Easy fill with quick release bayonet bowl**
- **High visibility prismatic sight glass\***

\* UK and other patents pending

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.



### Technical Data

Fluid: Compressed air

Maximum pressure:

Guarded transparent bowl: 10 bar (150 psig)

Metal bowl: 17 bar (250 psig)

Operating temperature\*:

Guarded transparent bowl: -20° to +50°C (0° to +125°F)

Metal bowl: -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: 1,5 dm<sup>3</sup>/s (3.2 scfm)

Oil-Fog: 1,5 dm<sup>3</sup>/s (3.2 scfm)

Typical flow at 6,3 bar (90 psig) inlet pressure and 0,5 bar (7 psig) pressure drop: 72 dm<sup>3</sup>/s (153 scfm)

Nominal bowl capacity:

Transparent bowl without guard: 0,2 litre (7 fluid ounce)

Metal bowl: 0,2 litre (7 fluid ounce) standard

1 litre (2 pints US) optional

Recommended lubricants: See page N/AL.8.900.935

Materials:

Body: Zinc

Yoke: Zinc

Metal bowl: Aluminium

Standard metal bowl prismatic liquid level indicator lens:

Grilamid

Optional metal bowl sight glass (standard on 1 litre bowl):

Pyrex

Optional transparent bowl: Polycarbonate

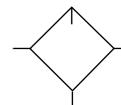
Sight-feed dome: Polycarbonate

Elastomeric materials: Synthetic rubber

### Ordering Information

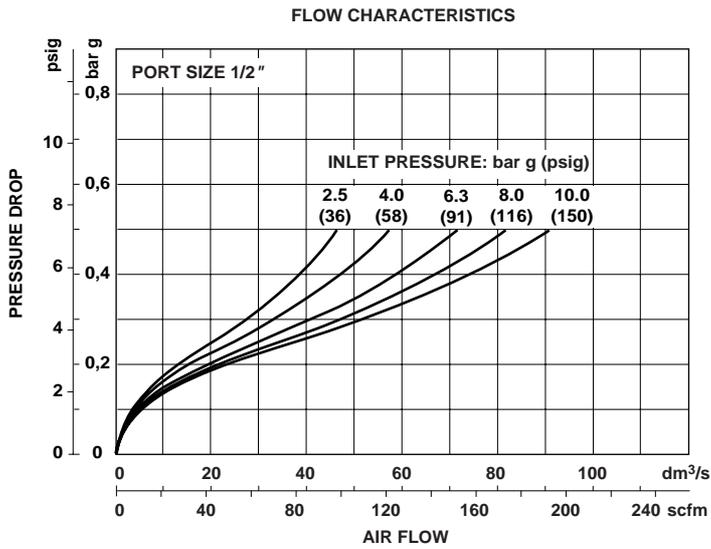
See *Ordering Information* on the following pages.

### ISO Symbol





## Typical Performance Characteristics



**Ordering Information.** Models listed include ISO G threads and 0,2 litre (7 fluid ounce) metal reservoir without drain.

Type	Port Size	Model	Weight kg (lb)
Micro-Fog	G1/4	L64M-2GP-EDN	1,42 (3.13)
	G3/8	L64M-3GP-EDN	1,40 (3.09)
	G1/2	L64M-4GP-EDN	1,37 (3.02)
	G3/4	L64M-6GP-EDN	1,73 (3.81)

## Alternative Models

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Type	Substitute
Oil-Fog	C
Micro-Fog	M

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

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

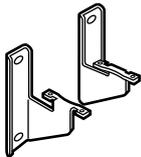
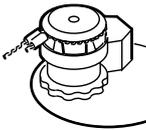
Options	Substitute
None	N
Quick fill device	Q

Bowl	Substitute
Metal with liquid level indicator	D
Transparent without guard	T
Long metal bowl with liquid level indicator	A

Drain	Substitute
Closed bottom bowl	E
Manual	M

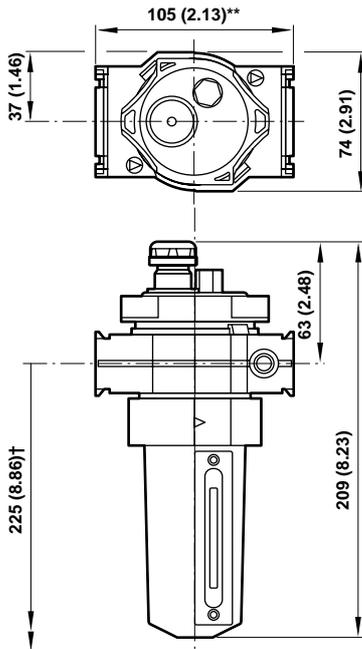


**Accessories**

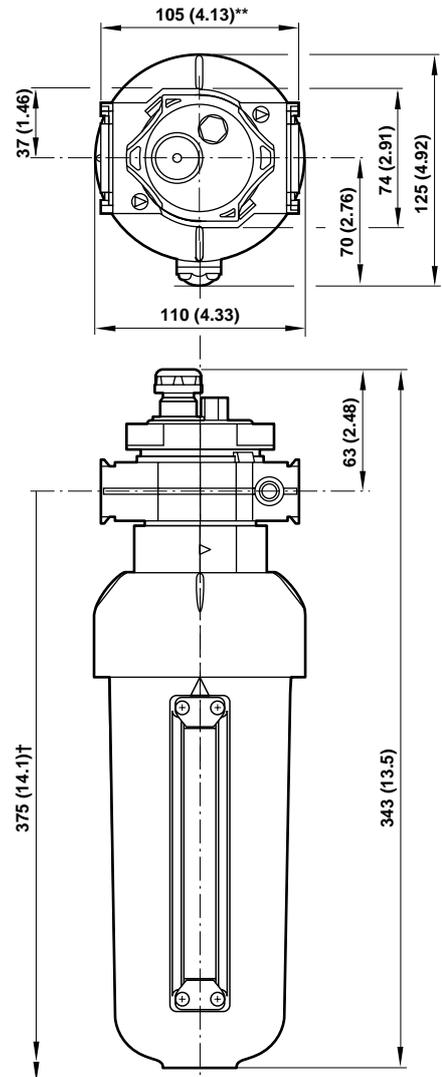
				
Wall Mounting Bracket	Tamper Resistant Wire	Quick Fill Nipple	Remote Fill	Level Switch
0,2 litre: 47504-50 1 litre: 47504-52	2117-01 (pack of 10)	18-011-024	18-027-984	18-023-610 (to fit 1 litre bowl version)

**Dimensions mm (inches)**

Standard 0,2 litre (7 fluid ounce) bowl



Optional 1 litre (2 pints US) bowl



† Minimum clearance required to remove bowl.

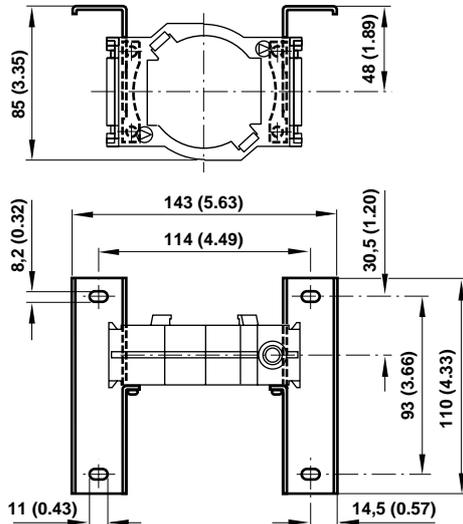
\* For G3/4 size, dimension is 157 mm (6.18").



## Bracket Mounting

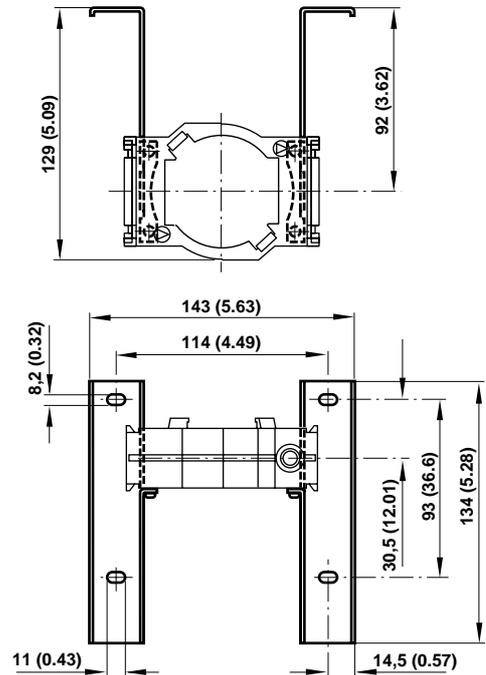
### Wall Bracket

Use 8 mm (5/16") screws to mount bracket to wall.



### Extended Bracket Mounting

for 1 litre (2 pints US) bowl



## Bracket Kit Reference

Item	Part Number
0,2 litre (7 fluid ounce) bowl	74504-50
1 litre (2 pints US) bowl	74504-52

## Service Kits

Item	Type	Part Number
Service kit	All models	4382-200
Replacement sight glass 0,2 litre bowl (7 fluid oz.)	Prismatic (standard)	4380-042
	Pyrex (optional)	4380-041
Replacement sight glass 1 litre bowl (2 pints US)	Pyrex	2273-22

Service kit includes all seals, flow sensor, eyelet, dome screen, ball and 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.