Olympian Plus
Micro-fog and oil-fog lubricator
G¾ ... G1½

Constant oil density output with varying flow

Oil-fog models with 0,5 and 1 litre reservoirs 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

Operating temperature:
-20° to +80°C
Consult our Technical Service for use below +2°C

Start point (i.e. minimum flow required for lubricator operation) at 6,3 bar inlet pressure:
Micro-fog: 6 dm^3/s
Oil-fog: 6 dm^3/s
Fixed venturi: 52 dm^3/s

Typical flow at 6,3 bar inlet pressure and a pressure drop of 0,5 bar:
Micro-fog: 200 dm^3/s
Oil-fog: 187 dm^3/s
Fixed venturi: 400 dm^3/s

Nominal bowl size:
0,5 litre
1 litre
8 litre
20 litre

Recommended lubricants:
See page N/AL.8.900.935

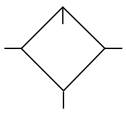
Materials

Body: aluminium
Yoke: aluminium
Bowl, 0,5 litre and 1 litre: aluminium
Bowl sight glass: Pyrex
Reservoirs, 8 litre and 20 litre: steel
Reservoir sight tube: polythene
Elastomers: synthetic rubber

Ordering information

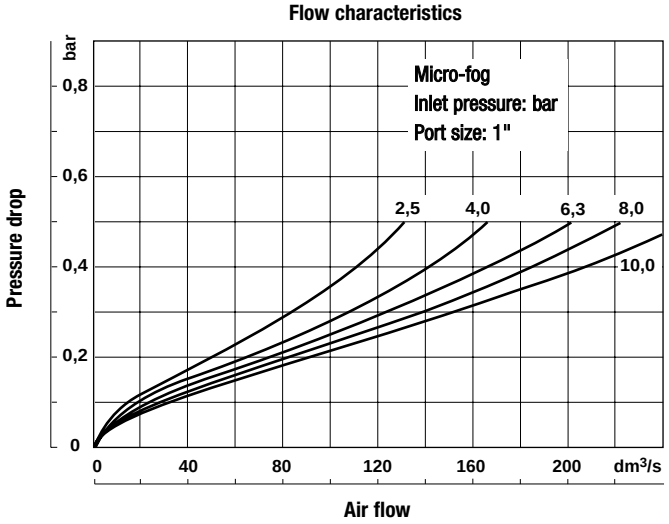
See *Ordering Information* on the following pages.

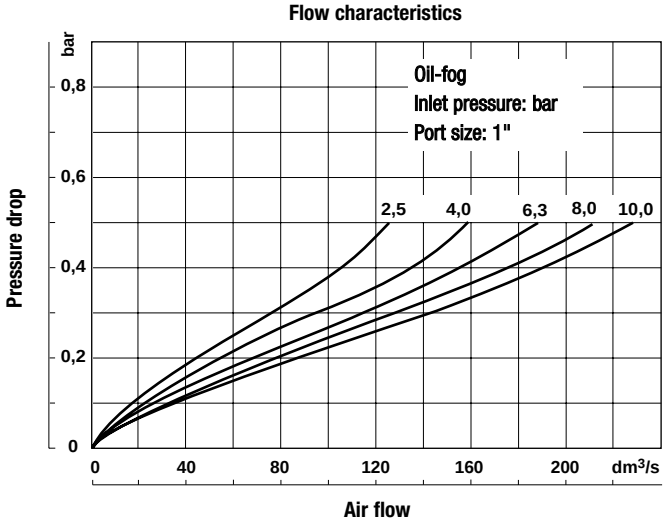
ISO Symbols

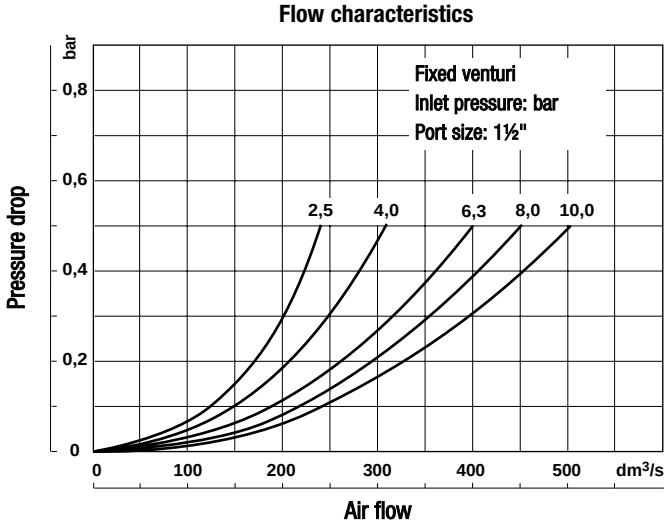


For your local Norgren Technical Sales Centre phone 0345 662266. For your local Norgren Distributor phone 0345 227777.
IMI Norgren Limited, PO Box 22, Eastern Avenue, Lichfield, Staffordshire WS13 6SB

Typical performance characteristics





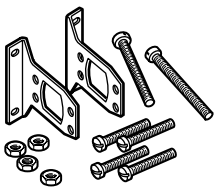
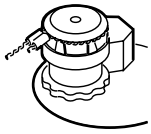
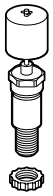


Ordering information Models listed include yoke with ISO G threads, 0,5 litre bowl, sight glass, closed bottom.

Type	Port size	Model	Flow dm³/s	kg
Micro-fog	G3/4	L68M-6GP-ERN	200	2,10
Micro-fog	G1	L68M-8GP-ERN	200	2,04
Micro-fog	G1¼	L68M-AGP-ERN	200	2,08
Micro-fog	G1½	L68M-BGP-ERN	200	2,12
Oil-fog	G3/4	L68C-6GP-ERN	187	2,10
Oil-fog	G1	L68C-8GP-ERN	187	2,04
Oil-fog	G1¼	L68C-AGP-ERN	187	2,08
Oil-fog	G1½	L68C-BGP-ERN	187	2,12

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

Accessories

Wall mounting bracket	Tamper resistant wire	Quick fill nipple	Level switch	Remote fill kit
				
3/4" ported yoke: 18-001-979	2117-01 (pack of 10)	18-011-021	8 litre: 18-007-975	18-027-980
1" ported yoke: 18-001-979			20 litre: 18-007-974	
1¼" ported yoke: 18-001-978				
1½" ported yoke: N/A				

Alternative models

L 6 8 ★ - ★ ★ ★ - ★ ★ ★

Type	Substitute
Oil-fog	C
Micro-fog	M

Port size	Substitute
3/4″	6
1″	8
1¼″	A
1½″	B
None	N

Threads	Substitute
PTF	A
ISO Rc taper	B
ISO G parallel	G
None	N

Type	Substitute
Uni directional	P
Fixed venturi (Oil-fog)	E

Options	Substitute
None	N
Quick fill device	Q

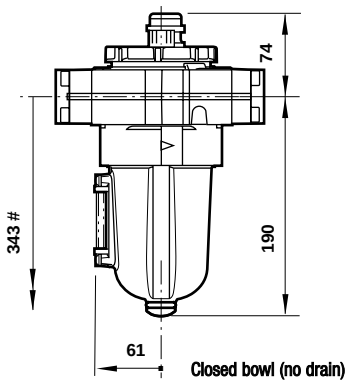
Bowl	Substitute
1 litre without sight glass	C*
8 litre	J
20 litre	K
0,5 litre without sight glass	M*
0,5 litre with sight glass	R*
1 litre with sight glass	U*

Drain	Substitute
Closed bottom	E
Manual	M
No drain	N
Manual, 1/4 turn	Q
Remote fill	R*

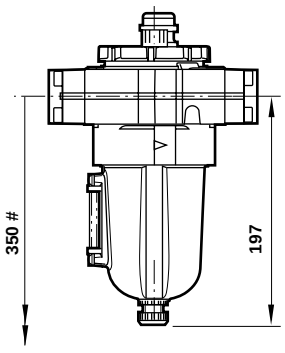
* Remote fill only available with 1/2 and 1 litre bowls

Dimensions

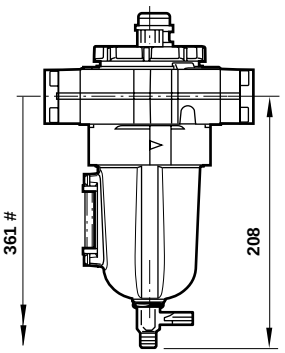
0,5 litre bowl



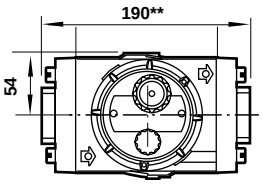
Closed bowl (no drain)



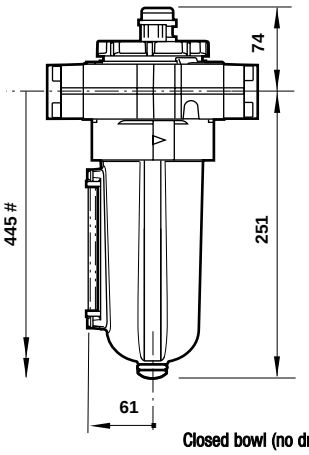
Manual drain



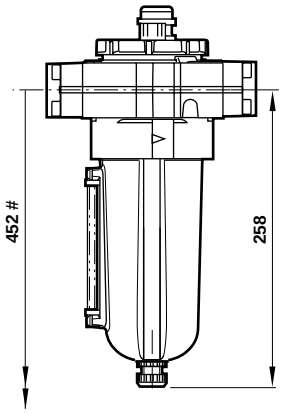
1/4 Turn manual drain



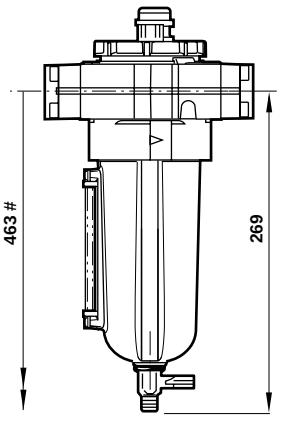
1 litre bowl



Closed bowl (no drain)



Manual drain

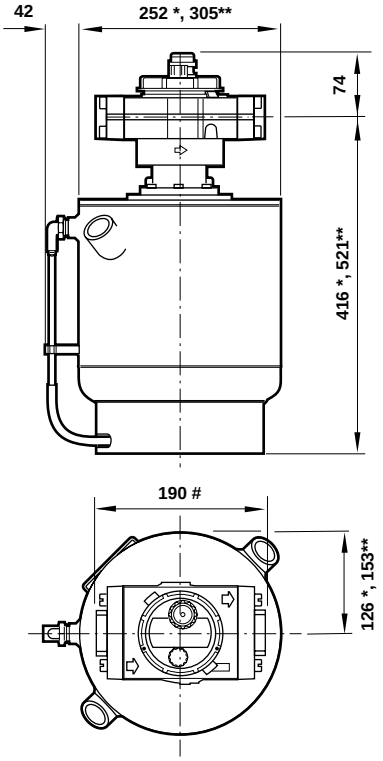


1/4 Turn manual drain

Minimum clearance required to remove bowl
** For 1¼" and 1½" ported yokes add 10 mm.

Dimensions

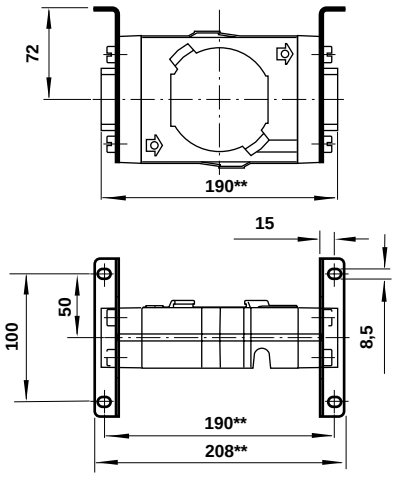
8 litre and 20 litre reservoirs



Add 10 mm for 1¼" and 1½" models
* 8 litre reservoir
** 20 litre reservoir

Bracket mounting

Use 4 mm screws to mount bracket to wall.



** Add 10 mm for 1¼" and 1¼" models.

Bracket kit reference

Item	Type	Model
Wall bracket	3/4" ported yoke	18-001-979
	1" ported yoke	18-001-979
	1¼" ported yoke	18-001-978
	1½" ported yoke	N/A

Service kits

Item	Type	Model
Service kit	Micro-fog	4382-301
	Oil-fog	4382-300
	Fixed venturi	4382-302
Replacement sight glass kit	0,5 litre	4380-060
	1 litre	4380-061
Replacement drains	Manual	684-84
	Manual, 1/4 turn	619-50

Service kit includes sight dome, screen, filler plug, seals and o-rings. Oil fog service kit also contains check valve 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.