

- **Combines outstanding features of the Norgren F17 filters and L17 lubricators**
- **All around (360°) visibility of the lubricator sight-feed dome simplifies installation and adjustment**
- **Screw-on bowl reduces maintenance time**
- **Can be disassembled without the use of tools or removal from the air line**
- **Lubricator flow sensor design provides a nearly constant oil/air ratio over a wide range of air flows**

Use Micro-Fog combinations in applications containing one or more points of lubrication

Use Oil-Fog combinations to lubricate a single tool, cylinder, or other air driven device



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 (minimum flow required for lubricator operation):

3,8 dm³/s (8 scfm) at 6,3 bar (90 psig) inlet pressure

Typical flow with 6,3 bar (90 psig) inlet pressure and 0,5 bar (7 psig) pressure drop:

1" Ports: 118 dm³/s (250 scfm)

Nominal bowl size: 1 litre (1 quart US)

Automatic drain connection: 1/8"

Automatic drain operating conditions:

Minimum pressure: 0,7 bar (10 psig).

Drain opens when bowl pressure drops below 0,2 bar (3 psig).

Minimum air flow: 1 dm³/s (2 scfm) required to close drain.

Recommended lubricants: See page N/AL.8.900.935

Materials:

Body: Aluminum

Bowls: Aluminum

Bowl sight glass: Pyrex

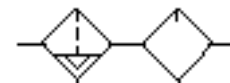
Sight-feed dome: Transparent nylon

Elastomers: Neoprene and nitrile

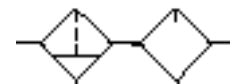
Ordering Information

See *Ordering Information* on the following pages.

ISO Symbols



Filter with automatic drain, Lubricator with manual drain



Filter manual drain, Lubricator with manual drain



Ordering Information. Models listed include 1 litre (1 quart US) metal bowls with sight glass, automatic drain on filter, manual drain on lubricator, and ISO G threads (BSP threads on 1 1/2" ported units).

Port Size	Micro-Fog Models	Oil-Fog Models	Flow† dm ³ /s (scfm)	Weight kg (lbs)
G3/4	P8C-660-A3DG	P8D-660-A3DG	69 (146)	3.85 (8.49)
G1	P8C-860-A3DG	P8D-860-A3DG	118 (250)	3.77 (8.32)
G1 1/4	P8C-A60-A3DG	P8D-A60-A3DG	118 (250)	4.33 (9.54)
G1 1/2	P8C-B60-A3DC	P8D-B60-A3DC	118 (250)	3.79 (8.36)

† Typical flow with 6,3 bar (90 psig) inlet pressure and a pressure drop of 0,5 bar (7 psig).

Alternative Models

P 8 ★ - ★ ★ ★ - ★ ★ ★ ★

Lubricator Type	Substitute
Micro-Fog	C
Oil-Fog	D

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

Filter Bowl	Substitute
Metal with sight glass	60

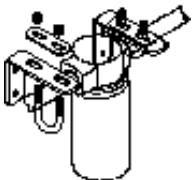


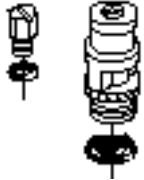
Threads	Substitute
PTF	A
ISO Rc taper	B
BSP (1 1/2" ported units only)	C
ISO G parallel (not available with 1 1/2" ported units)	G

Lubricator Reservoir	Substitute
1 litre (1 quart US) metal, drain, sight glass	D

Filter Element	Substitute
40 µm	3

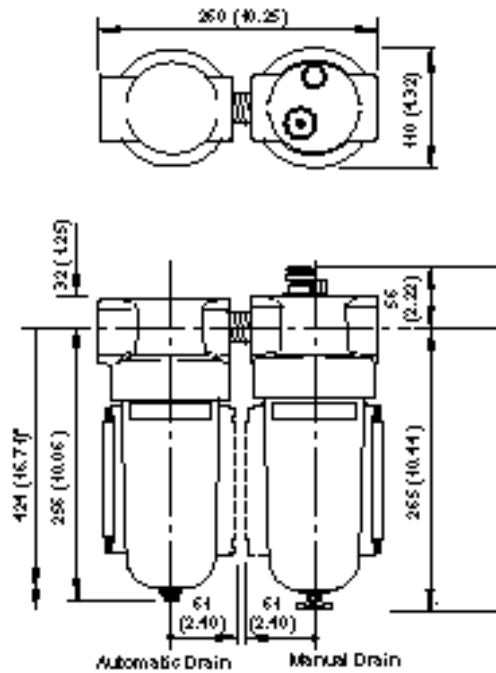
Filter Drain	Substitute
Automatic	A
Manual	M

Accessories

			
Wall mounting bracket	Lubricator adjustment tamper resistant wire	Optional fill plugs	Pyrex dome and metal fill plug
3/4", 1" ports: 6212-50	2117-01	Quick fill nipple: 18-011-021	5605-60
1 1/4", 1 1/2" ports: 6212-51		Fill plug with 1/8" tapped hole: 5301-52	



Dimensions – mm (Inches)



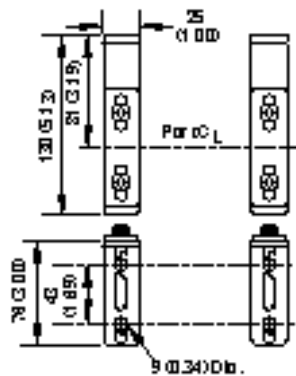
* Minimum clearance required to remove bowl.

Wall Bracket

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

Wall Bracket Reference

Model	Part number
3/4", 1" ported units	6212-50
1 1/4", 1 1/2" ported units	6212-51



Service Kits

Item	Type	Part Number
Lubricator service kit	All o-rings, seals, gaskets	5771-02
Filter service kit	All o-rings, seals, gaskets	5578-05
	40 µm element	5311-03
Replacement drain	Automatic (1/8 NPT outlet)	3000-10
	Automatic (G1/8 outlet)	3000-97
Sight glass kit	All o-rings, seals, gaskets	2273-22

Sight glass kit contains bowl o-ring plus all o-rings, seals, screws, glass, and glass guard.



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.