

- **Depth type, 40 µm filter element**
- **Balanced regulator valve minimizes effect of changes in inlet pressure on outlet pressure**
- **Low torque, non-rising regulator pressure adjusting knob**
- **All around (360°) visibility of the lubricator sight-feed dome simplifies installation and adjustment**
- **Lubricator flow sensor 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 at 10 bar (145 psig) inlet pressure, 6,3 bar (90 psig) set pressure, and a droop of 1 bar (15 psig) from set:

1" ports: 130 dm³/s (275 scfm)

Regulator gauge ports:

1/4" PTF with PTF main ports

R1/4 with ISO Rc, ISO G, and BSPP main ports

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:

Bodies, bowls, regulator bonnet: Aluminum

Bowl sight glass: Pyrex

Filter element: Sintered bronze

Regulator bottom plug: Acetal

Regulator valve: Aluminum and nylon

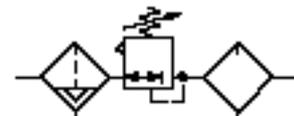
Lubricator sight-feed dome: Transparent nylon

Elastomers: Neoprene and nitrile

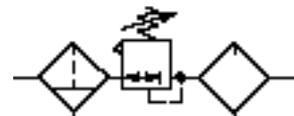
Ordering Information

See *Ordering Information* on the following pages.

ISO Symbols



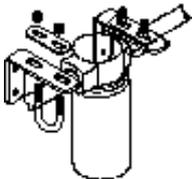
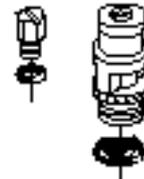
Filter with automatic drain, relieving regulator, lubricator with manual drain



Filter with manual drain, relieving regulator, lubricator with manual drain

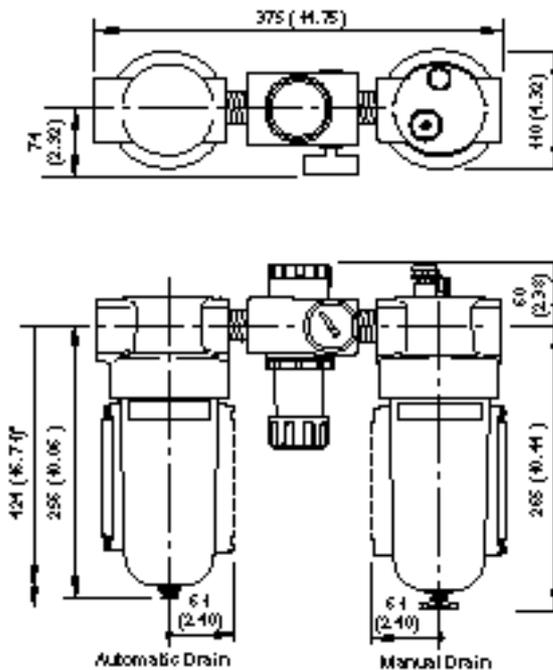


Accessories

			
Wall Mounting Bracket	Regulator & Lubricator 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	

		
Pressure Gauge	R1/4 Connection	1/4 PTF Connection
4 bar (60 psig):	18-013-266	18-013-208
10 bar (160 psig):	18-013-260	18-013-209
20 bar (300 psig):	18-013-267	18-013-210

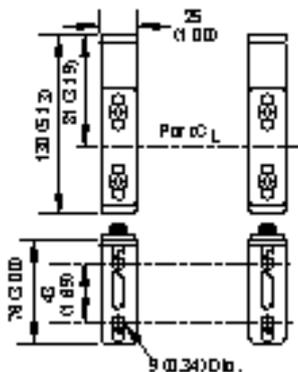
Dimensions – mm (Inches)



* Minimum clearance required to remove bowl.

Wall Bracket

Use 8mm (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 *	Pyrex	2273-22
Regulator service kit **	Relieving	5578-02
	Non relieving	5578-01
Replacement drain	Petcock	684-01

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

** Regulator service kit contains, diaphragm, all o-rings, valve, and 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.