

04L Mist Lubricators – Miniature

- Proportional oil delivery over a wide range of air flows
- Precision needle valve assures repeatable oil delivery and provides simple adjustment of delivery rate
- Ideal for low and high flow applications with changing air flow
- Transparent sight dome for 360° visibility
- Integral 1/8", 1/4" ports (NPT, BSPP, BSPT)



Operating information

Supply pressure (max):

Plastic bowl	150 psig (10.3 bar)
Metal bowl	250 psig (17.2 bar)

Operating temperature:

Plastic bowl	32°F to 125°F (0°C to 52°C)
Metal bowl	32°F to 175°F (0°C to 80°C)

Flow capacity†:

High flow	1/8"	20 scfm (9.4 dm³/s, ANR)
	1/4"	20 scfm (9.4 dm³/s, ANR)
Minimum flow		0.5 scfm (0.24 dm³/s, ANR) at 100 psig (6.9 bar)

Bowl capacity: 1 oz.

Weight: 0.4 lb (0.18 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.

Port Size	Description ‡	Part Number
1/8"	Poly Bowl, No Drain	04L00GB
1/8"	Metal Bowl, No Gauge, Twist Drain	04L03GB
1/4"	Poly Bowl, No Drain	04L10GB
1/4"	Metal Bowl, No Gauge, Twist Drain	04L13GB

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Ordering Information:

04L

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G

B

Port Size

1/8 inch0

1/4 inch1

Bowl Options

Poly Bowl, No Drain0

Poly Bowl, Twist Drain1

Metal Bowl, Twist Drain3

Port Type

BlankNPT

1BSPP

2BSPT

Engineering Level

BCurrent

Body

GNo Fill Plug

Suggested Lubricant **F442 Oil**

Petroleum based oil of 100 to 200 SUS viscosity at 100°F (38°C) and an aniline point greater than 200°F (93°C)

(DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

Most popular.



For inventory, lead times, and kit

J42

Parker Hannifin Corporation
Pneumatic Division

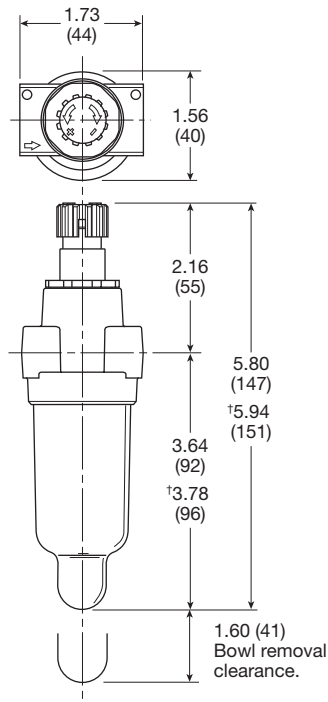
MINIATURE MIST Lubricators

Material Specifications

Body	Zinc
Transparent bowls	Polycarbonate
Metal bowl (without sight gauge)	Zinc
Drains, twist – body & nut	Plastic
Seals	Nitrile
Sight dome	Polycarbonate

Repair and Service Kits

Poly bowl / no drain kit	PS421P
Poly bowl / twist drain kit	PS420P
Metal bowl / twist drain (no sight gauge) kit	PS447BP
Mounting bracket kit	PS419
Oil (1 quart)	F442001
Oil (1 gallon)	F442002
Oil (12 quart case)	F442003
Oil (4 gallon case)	F442005

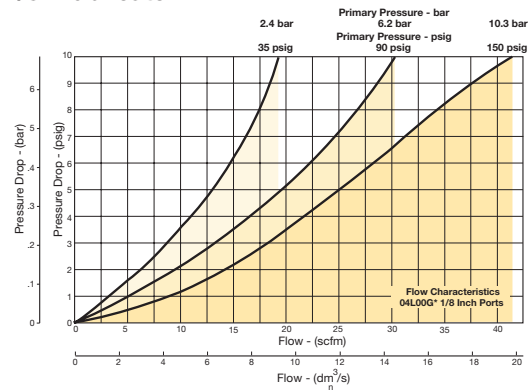


Inches (mm)

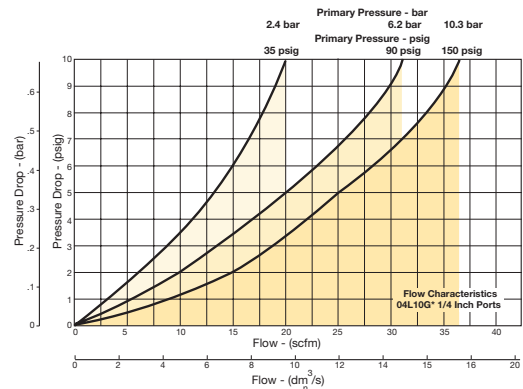
MINIature / InLine

Flow Charts

04L 1/8" Lubricator



04L 1/4" Lubricator



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Miniature / InLine
Products



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