

How To Specify

PGL Lubricator Specifications

- > PGL 200 port size: 1/4" and 3/8" (ISO G/PTF)
- > PGL 400 port size: 3/8", 1/2", 3/4" (ISO G/PTF)
- > PG series design allows in-line installation or modular installation with other PG series products
- > Flow sensor provides a nearly constant oil/air ratio over a wide range of flows
- > Double safety lock bowl

Technical Features

Medium:

Compressed air only

Maximum operating pressure:

Polycarbonate bowl: 145 psi (10 bar)

PG200 metal bowl: 246 psi (17 bar)

PG400 metal bowl: 290 psi (20 bar)

PGL 200 port size:

G1/4, G3/8, 1/4 PTF, 3/8 PTF

PGL 400 port size:

G3/8, G1/2, G3/4, 3/8 PTF, 1/2 PTF, 3/4 PTF

Ambient/Media temperature:

Polycarbonate bowl: 14 to 140° F (-10 to 60° C)

Metal bowl: -4 to 149° F (-20 to 65° C)

Air supply must be dry enough to avoid ice formation at temperatures below 35° F (2° C)

- > Metal bowl with prismatic liquid level indicator lens
- > Lightweight polycarbonate bowl
- > All round (360°) visibility of sightdome for ease of drip rate setting
- > Choice of two oil delivery systems

Materials:

Bowl: PC with PP guard

Metal bowl: Zinc (PG200) / aluminium (PG400)

Body: Aluminum

Body cover: ABS

Sightdome: Transparent PA

Bowl O- ring: Chloroprene

Elastomers: NBR

PG200 flow:

Oil fog: 55 scfm (26 dm³/s) at port size 1/4", 51 scfm (24 dm³/s) at port size 3/8"

Micro fog: 46 scfm (22 dm³/s) at port size 1/4", 45 scfm (21 dm³/s) at port size 3/8"

Inlet pressure 145 psi (10.3 bar), 91 psi (6.3 bar) set pressure and a Δp : 14.5 psi (1 bar) droop from set.

PG400 flow:


Micro-fog : 155 scfm (73 dm³/s)

Oil-fog: 193 scfm (91 dm³/s) at port size 1/2", operating pressure: 91 psi (6.3 bar) and Δp : 7.25 psi (0.5 bar)




PGL Lubricator Specifications

Technical Data PGL200

| Symbol | Port Size | Lubricator Type | Bowl | Weight lbs (kg) | Model |
|---|-----------|-----------------|----------------------------|-----------------|----------------|
|  | 1/4 | Micro fog | Guarded polycarbonate | 0.46 (0.21) | PGL200-08M-P-T |
| | 3/8 | Micro fog | Guarded polycarbonate | 0.46 (0.21) | PGL200-10M-P-T |
| | 1/4 | Micro fog | Metal with level indicator | 0.88 (0.40) | PGL200-08M-D-T |
| | 3/8 | Micro fog | Metal with level indicator | 0.88 (0.40) | PGL200-10M-D-T |
| | 1/4 | Oil fog | Guarded polycarbonate | 0.46 (0.21) | PGL200-08F-P-T |
| | 3/8 | Oil fog | Guarded polycarbonate | 0.44 (0.20) | PGL200-10F-P-T |
| | 1/4 | Oil fog | Metal with level indicator | 0.88 (0.40) | PGL200-08F-D-T |
| | 3/8 | Oil fog | Metal with level indicator | 0.88 (0.40) | PGL200-10F-D-T |

Technical Data PGL400

| Symbol | Port Size | Lubricator Type | Bowl | Weight lbs (kg) | Model |
|---|-----------|-----------------|----------------------------|-----------------|----------------|
|  | 3/8 | Micro fog | Guarded polycarbonate | 0.9 (0.40) | PGL400-10M-P-T |
| | 1/2 | Micro fog | Guarded polycarbonate | 0.9 (0.40) | PGL400-15M-P-T |
| | 3/4 | Micro fog | Guarded polycarbonate | 0.9 (0.40) | PGL400-20M-P-T |
| | 3/8 | Micro fog | Metal with level indicator | 1.1 (0.53) | PGL400-10M-D-T |
| | 1/2 | Micro fog | Metal with level indicator | 1.1 (0.53) | PGL400-15M-D-T |
| | 3/4 | Micro fog | Metal with level indicator | 1.1 (0.53) | PGL400-20M-D-T |
| | 3/8 | Oil fog | Guarded polycarbonate | 0.9 (0.40) | PGL400-10F-P-T |
| | 1/2 | Oil fog | Guarded polycarbonate | 0.9 (0.40) | PGL400-15F-P-T |
| | 3/4 | Oil fog | Guarded polycarbonate | 0.9 (0.40) | PGL400-10F-P-T |
| | 3/8 | Oil fog | Metal with level indicator | 1.1 (0.53) | PGL400-10F-D-T |
| | 1/2 | Oil fog | Metal with level indicator | 1.1 (0.53) | PGL400-15F-D-T |
| | 3/4 | Oil fog | Metal with level indicator | 1.1 (0.53) | PGL400-20F-D-T |