EXCELON 72
Micro-Fog and Oil-Fog Lubricator
1/4", 3/8" Port Sizes

- **EXCELON design allows in-line installation or modular installation with other Excelon 72 products**
- **Quick release bayonet bowl**
- **Flow sensor provides a nearly constant oil/air ratio over a wide range of flows**
- **Highly visible, prismatic liquid level indicator lens on metal bowls**
- **All round (360°) visibility of sight-feed dome for ease of drip rate setting**



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.

Technical Data

Fluid: Compressed air
Maximum Pressure:
  Transparent bowl: 10 bar
  Metal bowl: 17 bar
Operating Temperature*:
  Transparent bowl: -20° to +50°C
  Metal bowl: -20° to +65°C

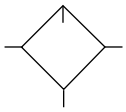
* Air supply must be dry enough to avoid ice formation at temperatures below 2°C.

Start Point (i.e. minimum flow required for lubricator operation):
  0,47 dm^3/s at 6,3 bar inlet pressure
Typical flow at 6,3 bar inlet pressure and 0,5 bar pressure drop:
  24 dm^3/s
Nominal Bowl Capacity:
  Transparent bowl without guard: 40 ml
  Metal bowl: 40 ml
Manual Drain Connection: 7/16" x 24 TPI (1/4" male O/D tube)
Materials:
  Body: Zinc
  Bowl:
    Transparent: Polycarbonate
    Metal: Zinc
  Metal bowl liquid level indicator lens: Transparent nylon
  Sight-Feed Dome: Transparent nylon
  Elastomers: Neoprene, Nitrile, and Geolast

Ordering Information

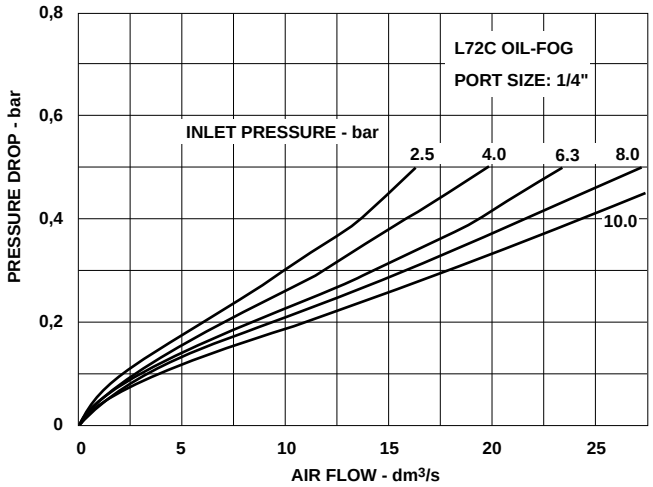
See *Ordering Information* on following pages.

ISO Symbols



Our policy is one of continued research and development.
We therefore reserve the right to amend, without notice, the specifications given in this document.

FLOW CHARACTERISTICS



Ordering Information. Models listed include BSP threads, and transparent bowl without guard.

Type	Port Size	Model	Weight kg
Micro-Fog	G1/4	L72M-2GP-ETN	0,49
	G3/8	L72M-3GP-ETN	0,49

Alternative Models

L 7 2 ★ - ★ ★ P - ★ ★ ★

Type	Substitute
Oil-Fog	C
Micro-Fog	M

Port Size	Substitute
1/4"	2
3/8"	3

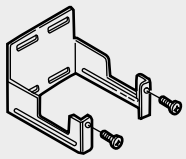
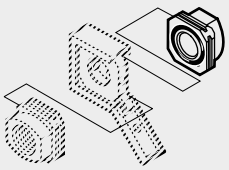
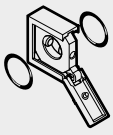
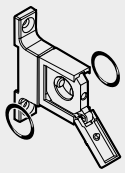
Threads	Substitute
PTF	A
ISO Rc taper	B
ISO G parallel	G

Options	Substitute
None	N
Pyrex Dome	P

Bowl	Substitute
Metal with liquid level indicator	D
Transparent without guard	T

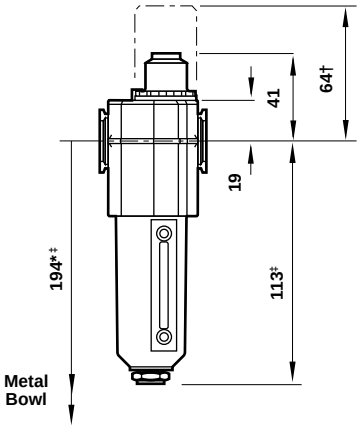
Drain	Substitute
Closed bottom bowl	E
1/4 turn manual	Q

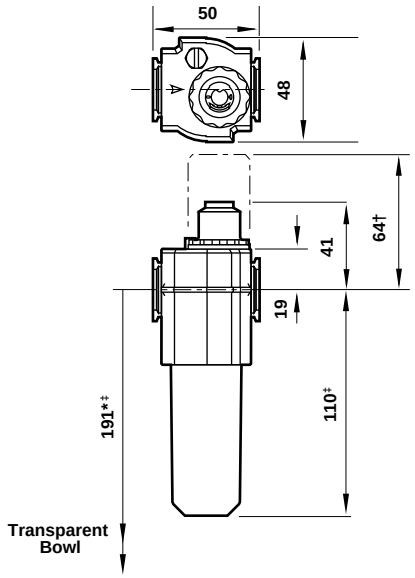
Accessories

 Wall Mounting Bracket	 Tamper Resistant Snap-on Cap for Standard Sight-Feed Dome	 Pipe Adaptors (Quantity of 1)	 Quikclamp	 Quikclamp and Quikclamp Wall Bracket
4224-50	4050-89 (Pack of 10)	Size PTF ISO Rc ISO G	4214-51	4214-52
		1/4 4215-02 4215-05 4215-08		
		3/8 4215-03 4215-06 4215-09		

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L72M & L72C Micro-Fog and Oil-Fog Lubricators





* Minimum clearance required to remove bowl.

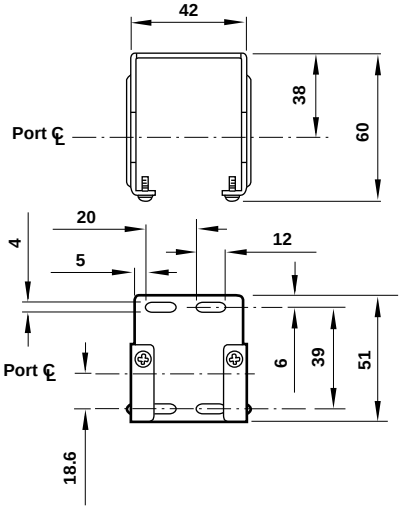
† Optional pyrex sight-feed dome.

‡ For 1/4 turn manual drain add 21 mm on metal bowl, and 24 mm on transparent bowl.

Bracket Mounting

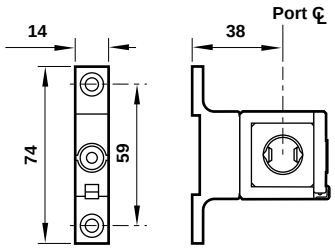
Mounting Bracket

Use 4 mm screws to mount bracket to wall.



Quikclamp and Quikclamp Wall Bracket

Use 5 mm screws to mount bracket to wall



Bracket Kit Reference

Item	Part Number
Wall Bracket	4224-50
Quikclamp and Quikclamp Wall Bracket	4214-52

Service Kits

Item	Type	Part Number
Service kit	Seal and gasket	4382-500
Liquid level lens kit	Prismatic	4380-030
Replacement drain	1/4 turn manual	619-50

Service kit includes plug o-ring, sight-feed dome seal and bowl o-ring

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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.

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