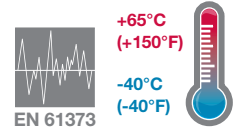


- > Port size: 1/2" & 3/4" (ISO G/PTF)
- > Excelon design allows in-line installation or modular installation with other Excelon products
- > High efficiency oil and particle removal
- > Quick release bayonet bowl
- > Service indicator standard
- > Wide temperature range
- > Shock and vibration tested to EN 61373, Category 1, class A and B



Technical features

Medium:
Compressed air only

Maximum operating pressure:
17 bar (250 psi)

Remaining oil content:
0,01 mg/m³ at +21°C (69°F)

Particle removal:
To 0,01 µm

Port size:
G1/2, G3/4, 1/2 PTF, 3/8 PTF

Flow:
LF74H 28 dm³/s
at port size: G1/2
Operating pressure: 6,3 bar (91 psi)

Drain:
Manual

Ambient/Media temperature:
-40 ... +65°C (-40 ... +150°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:
Body: aluminium
Bowl: aluminium
Liquid level indicator lens: transparent PA
Element: synthetic fibre & PE foam
Elastomers: NBR

Service life indicator:
Body and adaptor: aluminium lens: transparent PA
Internal parts: Acetal
Spring: stainless steel
Elastomers: NBR

Technical data - standard models

Symbol	Port size	Size	Flow * dm ³ /s	scfm	Weight (kg)	(lbs)	Model
	G1/2	Basic	28	59	1,12	2.46	LF74H-4GD-MPO
	1/2 PTF	Basic	28	59	1,12	2.46	LF74H-4AD-MPO
	G3/4	—	28	59	1,11	2.44	LF74H-6GD-MPO
	3/4 PTF	—	28	59	1,11	2.44	LF74H-6AD-MPO

* Typical flow at 6,3 bar (90 psi) inlet pressure, 40 µm element and 0,5 bar (7 psi) pressure drop.

Option selector

LF74H-★★D-MD0

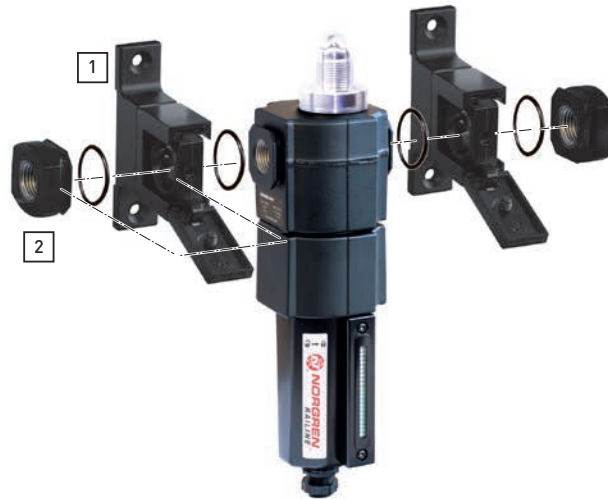
Port size	Substitute	Thread form	Substitute
1/2"	4	PTF	A
3/4"	6	ISO G parallel	G

Typical performance characteristics




Inlet pressure (bar)	Maximum flow dm ³ /s *	scfm *
1	11,2	24
3	19,3	41
5	24,9	53
6,3	28	59
7	29,5	63
9	33,5	71



* Maximum flow to maintain stated oil removal performance

Accessories



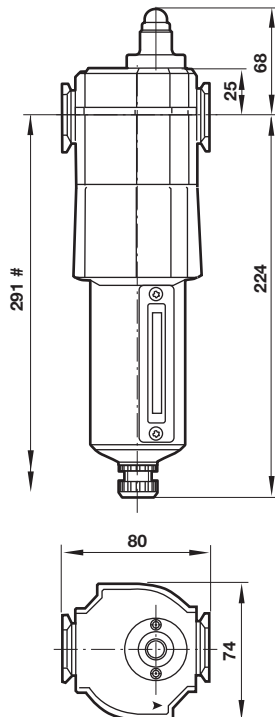
Service kits

Quikclamp®	Quikclamp with wall bracket® *1)	Quikmount pipe adaptor
		
Page 3	1 Page 3	2 Page 3
4314-62	4314-63	G1/4: 4315-08
		G3/8: 4315-09
		G1/2: 4315-10
		G3/4: 4315-11
		1/4 PTF: 4215-02
		3/8 PTF: 4215-03
		1/2 PTF: 4315-04
		3/4 PTF: 4315-05

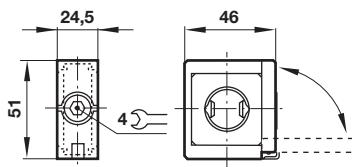
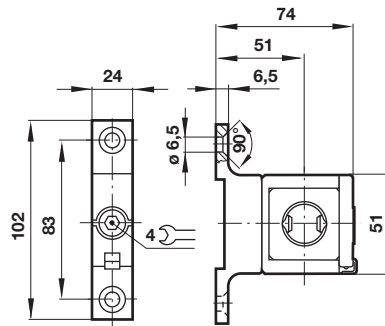
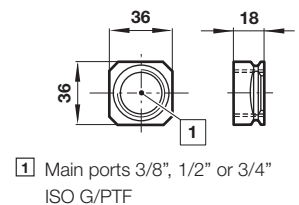
Service kit	Replacement element
	
4380-731	4344-04

*1) Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.

Drawings

 Dimensions in mm
 Projection/First angle


Minimum clearance required to remove bowl

Accessories
Quikclamp®

Quikclamp® with wall bracket

Pipe adapter

Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/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 IMI 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.