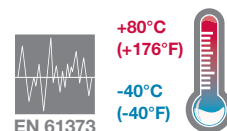


- > **Port size: 3/8 ... 3/4"**  
(ISO G/PTF)
- > **Excelon design allows**  
in-line installation or  
modular installation  
with other Excelon  
products
- > **High efficiency water**  
and particle removal
- > **Quick release bayonet**  
bowl
- > **Push to lock adjusting**  
knob with optional  
tamper resistant ac-  
cessory
- > **Metal bowl with**  
prismatic liquid level  
indicator lens
- > **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 (246 psi)

**Pressure range:**  
0,3 ...10 bar ( 4 ... 145 psi)

#### Filter element:

5 or 40 µm

#### Port size:

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

#### Gauge port:

Rc 1/8 with ISO G main ports  
1/4 PTF with PTF main ports

#### Flow:

See table below

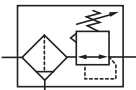
#### Ambient/Media temperature:

-40 ... +80°C (-40 ... +176°F)  
Air supply must be dry enough  
to avoid ice formation at  
temperatures below +2°C (+35°F).

#### Materials:

Body: aluminium  
Bonnet: aluminium  
Valve: brass & NBR  
Bowl: aluminium  
Liquid level indicator lens:  
transparent PA  
Filter element: sintered PP  
Elastomers: NBR

### Technical data - standard models

Symbol	Port size	Size	Flow *1)		Pressure range	Filter element	Weight		Model
			(dm³/s)	(scfm)	(bar)	(µm)	(kg)	(lbs)	
	G3/8	—	77	163	0,3 ... 10	40	1,31	2.88	LB74G-3GK-MD3-RMN
	3/8 PTF	—	77	163	0,3 ... 10	40	1,31	2.88	LB74G-3AK-MD3-RMN
	G1/2	Basic	100	212	0,3 ... 10	40	1,31	2.88	LB74G-4GK-MD3-RMN
	1/2 PTF	Basic	100	212	0,3 ... 10	40	1,31	2.88	LB74G-4AK-MD3-RMN
	G3/4	—	100	212	0,3 ... 10	40	1,31	2.88	LB74G-6GK-MD3-RMN
	3/4 PTF	—	100	212	0,3 ... 10	40	1,31	2.88	LB74G-6AK-MD3-RMN
	G3/8	—	77	163	0,3 ... 10	5	1,31	2.88	LB74G-3GK-MD1-RMN
	3/8 PTF	—	77	163	0,3 ... 10	5	1,31	2.88	LB74G-3AK-MD1-RMN
	G1/2	Basic	100	212	0,3 ... 10	5	1,31	2.88	LB74G-4GK-MD1-RMN
	1/2 PTF	Basic	100	212	0,3 ... 10	5	1,31	2.88	LB74G-4AK-MD1-RMN
	G3/4	—	100	212	0,3 ... 10	5	1,31	2.88	LB74G-6GK-MD1-RMN
	3/4 PTF	—	100	212	0,3 ... 10	5	1,31	2.88	LB74G-6AK-MD1-RMN

\*1) Typical flow at 10 bar (145 psi) inlet pressure, 6,3 bar (90 psi) set pressure and 0,5 bar (7 psi) droop from set.

### Option selector

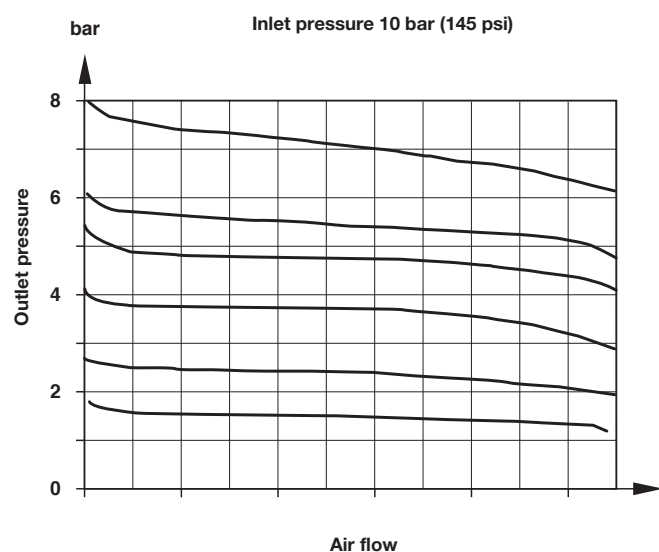
**LB74G-★★★-MD★-RMN**

Port size	Substitute	Element	Substitute
3/8"	<b>3</b>	40 µm	<b>3</b>
1/2"	<b>4</b>	5 µm	<b>1</b>
3/4"	<b>6</b>	<b>Adjustment</b>	<b>Substitute</b>
Thread form	Substitute	Knob (standard)	<b>K</b>
PTF	<b>A</b>	T-bar	<b>T</b>
ISO G parallel	<b>G</b>		

## Flow characteristics

Inlet pressure: 10 bar

Port size: 1/2", 40 µm element



## Accessories



### Quikclamp®



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### Quikclamp® with wall bracket



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### Neck mounting bracket



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### Panel nut



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4348-89

### Tamper resistant kit



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### Quikmount pipe adaptor



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G3/8: 4315-10

G1/2: 4315-11

G3/4: 4315-12

3/8 PTF: 4315-02

1/2 PTF: 4315-03

3/4 PTF: 4315-04

## Service kit

### Service kit



4383-707

### Replacement elements



4338-05 (40 µm)

4338-04 (5 µm)

## Gauge

Center back connection, white face  
(for full technical specification see datasheet 8.900.900)



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Pressure range

(bar)*1	(Mpa)	(psi)	Ø	Thread size	Model
0 ... 10	0 ... 1	0 ... 145	50 mm	R1/8	18-015-013

\*1) primary scale

Center back connection, black face for North America (for full technical specification see data-sheet 8.900.900)



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Pressure range

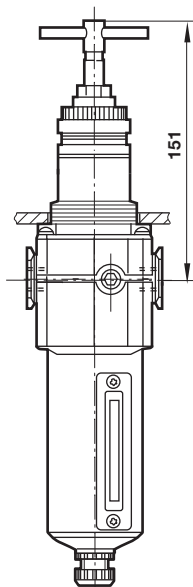
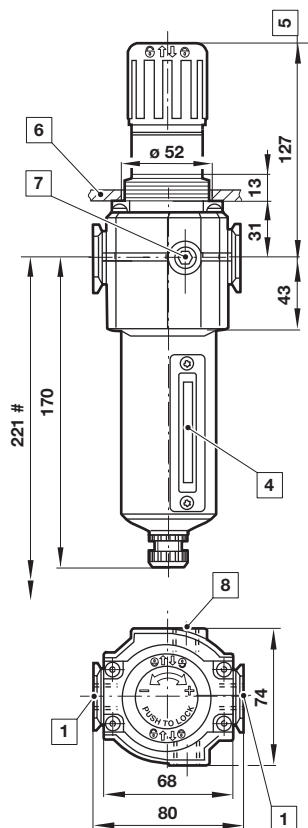
(psig)*1	(bar)	(Mpa)	Ø	Thread size	Model
0 ... 160	0 ... 11	0 ... 1.1	2" (50 mm)	1/4 NPT	18-015-209

\*1) primary scale

## Dimensions Standard

## T-bar

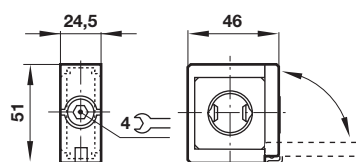
Dimensions in mm  
Projection/First angle



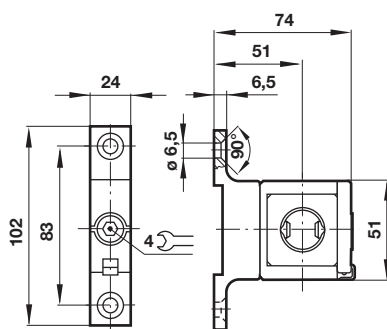
# Minimum clearance required to remove bowl

- 1 Main ports 3/8", 1/2" or 3/4"
- 4 Metal bowl with liquid indicator
- 5 Reduces by 4 mm with knob in locked position
- 6 Panel thickness 2 ... 6 max.
- 7 Gauge port Rc1/8 for ISO G and 1/4 PTF for PTF main ports
- 8 Alternative gauge port plugged

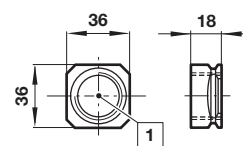
## Accessories Quikclamp®



## Quikclamp® with wall bracket

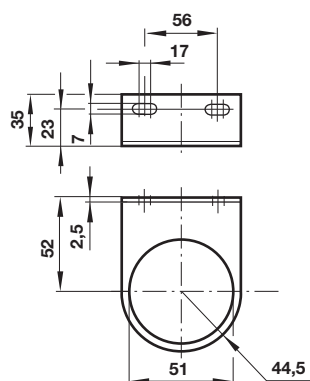


## Pipe adapter



- 1 Main ports 3/8", 1/2" or 3/4" ISO G/PTF

## Neck mounting bracket



### 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 Precision Engineering, Norgren Inc.

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.