

BL84 -Filter/regulator - Lubricator Combination Units Excelon® Plus Modular System

- > Port size: 3/8" ... 3/4"
(ISO G/PTF)
- > Unique Quikclamp connection system offers full modularity
- > 40 micron particle and high efficiency water removal (> 98%)
- > Double safety lock on bowl
- > Integrated gauge
- > Shut off valve, Regulator & Filter Regulator with tamper resistance feature.
- > Light weight polycarbonate bowl
- > Metal bowl with prismatic liquid level indicator lens
- > High Corrosion resistance: Body and Metal bowl with electrophoretic paint finish
- > Easy to read flush mounted integrated pressure gauge as standard
- > All round (360°) visibility of sightdome for ease of drip rate setting



Technical features

Medium:

Compressed air only

Maximum supply pressure:

Polycarbonate bowl: 10 bar (145 psi)

Metal bowl: 20 bar (290 psi)

Outlet pressure ranges:

0,3 ...10 bar (4 ... 145 psi),

Filter element:

40 µm

Port size:

G3/8, G1/2, G3/4,

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

Gauge:

Integrated as standard

Diaphragm Type:

Relieving

Drain:

Manual or automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi)

Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi)

Minimum air flow required to close drain: 1 dm³/s (2 scfm)

Ambient/Media temperature:

Polycarbonate bowl:

-10 ... +60°C (+14 ... +140°F)

Metal bowl:

-20 ... +65°C (-4 ... +149°F)

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

Materials:

Body: Die cast aluminium

Body covers: ABS

Bonnet: Acetal

Valve: PP with Geolast seals

Transparent Bowl : Polycarbonate with Polypropylene Guard.

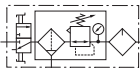
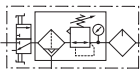
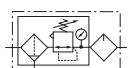
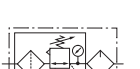
Metal Bowl: Die cast Aluminium with PA liquid level indicator lens

Filter element: sintered PP

Bowl 'o'- ring: Chloroprene

Elastomers: NBR

Technical data BL84 - standard models

Symbol	Port size	Shut off valve	Drain	Lubricator type	Weight (kg)	Model *1)
	G3/8	With	Manual	Microfog	1,65	BL84-321G
	G1/2	With	Manual	Microfog	1,65	BL84-421G
	G3/4	With	Manual	Microfog	1,65	BL84-621G
	G3/8	With	Auto	Microfog	1,65	BL84-301G
	G1/2	With	Auto	Microfog	1,65	BL84-401G
	G3/4	With	Auto	Microfog	1,65	BL84-601G
	G3/8	Without	Manual	Microfog	1,15	BL84-325G
	G1/2	Without	Manual	Microfog	1,15	BL84-425G
	G3/4	Without	Manual	Microfog	1,15	BL84-625G
	G3/8	Without	Auto	Microfog	1,15	BL84-305G
	G1/2	Without	Auto	Microfog	1,15	BL84-405G
	G3/4	Without	Auto	Microfog	1,15	BL84-605G

*1) All models shown here are supplied with brackets and integrated gauge applicable for flow direction left to right.

With flow direction right to left please use the online configurator www.norgren.com/air-preparation-configurator or contact Norgren

Option selector *1)
BL84-★★★★

Port size	Substitute
3/8"	3
1/2"	4
3/4"	6
Units	Substitute
Filter/Regulator w. auto drain, Micro fog lubricator, Polycarbonate bowls	0
Filter/Regulator w. auto drain, Oil fog lubricator, Polycarbonate bowls	1
Filter/Regulator w. manual drain, Micro fog lubricator, Polycarbonate bowls	2
Filter/Regulator w. manual drain, Oil fog lubricator, Polycarbonate bowls	3
Filter/Regulator w. auto drain, Micro fog lubricator, Metal bowls	5
Filter/Regulator w. auto drain, Oil fog lubricator, Metal bowls	6
Filter/Regulator w. manual drain, Micro fog lubricator, Metal bowls	7
Filter/Regulator w. manual drain, Oil fog lubricator, Metal bowls	8

Thread form	Substitute
PTF	A
ISO G parallel (standard)	G
Accessories	Substitute
Shutt-off valve & gauge & brackets	1
Gauge & bracket	5

*1) All models shown here are applicable for flow direction left to right. With flow direction right to left please use the online configurator www.norgren.com/air-preparation-configurator or contact Norgren

In addition to the standard box set units shown on this data sheet, further combinations can be configured using our online Air Preparation configurator:

www.norgren.com/air-preparation-configurator

