Olympian Filter 3/4″, 1″, 1 1/4″, 1 1/2″ Port Sizes

- **Olympian plug in design**
- **High efficiency water and particle removal**

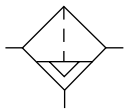
Technical Data

Fluid: Compressed air
Maximum pressure:
Metal bowl: 17 bar (250 psig)
Operating temperature*:
Metal bowl: -20° to +80°C (0° to +175°F)
* Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).
Partical removal: 5, 25 or 50 µm. Within ISO 8573-1, Class 3 and Class 5
Typical flow at 6,3 bar (90 psig) inlet pressure and a droop of 0,5 bar (7 psig):
50 µm element: 185 dm^3/s (393 scfm)
Automatic drain connection: 1/8″
Automatic drain operating conditions:
Minimum pressure: 0,7 bar (10 psig).
Drain opens when bowl pressure drops below 0,2 bar (3 psig).
Minimum air flow: 1 dm^3/s (2 scfm) required to close drain.
Nominal bowl size:
0,5 litre (1 pint US)
Materials:
Body: Aluminium
Yoke: Aluminium
Metal bowl: Aluminium
Sight glass: Pyrex
Element: Sintered bronze
Elastomers: Synthetic rubber

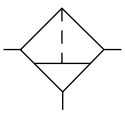
Ordering Information

See *Ordering Information* on the following pages.

ISO Symbols

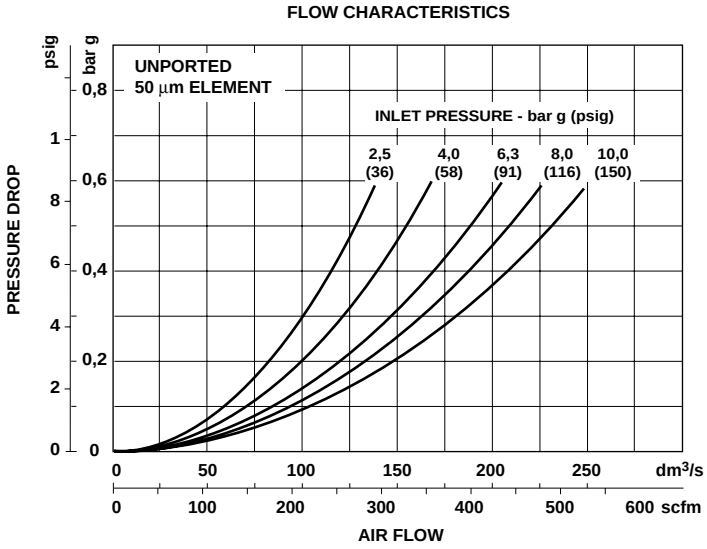


Automatic Drain



Manual Drain

Typical Performance Characteristics



Ordering Information. Models listed include ISO G threads, automatic drain, 50 µm element.

Port Size	Model	Weight kg (lb)
G3/4	F15-600-A3HD	2,72 (6.04)
G1	F15-800-A3HD	2,60 (5.78)
G1 1/4	F15-A00-A3HD	2,70 (6.00)
G1 1/2	F15-B00-A3HD	2,54 (5.64)

For replacement Filter (without yoke) substitute **'0'** at 4th and **'O'** at 10th digits eg: F15-**0**00-A3H**O**.

Alternative Models

F 1 5 - ★ ★ ★ - ★ ★ ★ ★

Port Size	Substitute
3/4"	6
1"	8
1 1/4"	A
1 1/2"	B

Option	Substitute
Standard	0 0

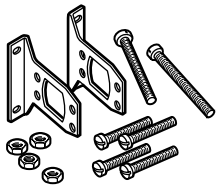
Drain	Substitute
Automatic	A
Manual	M

Thread	Substitute
PTF	A
ISO Rc taper	B
ISO G parallel	D

Option	Substitute
Standard bowl, with sight glass	H
Standard bowl, without sight glass	G

Element	Substitute
5 µm	1
25 µm	2
50 µm	3

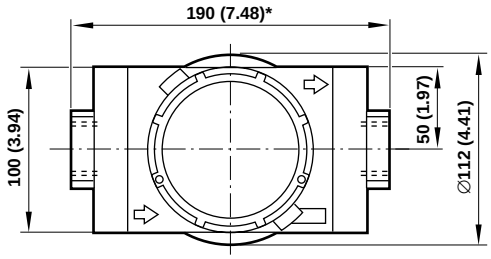
Accessories



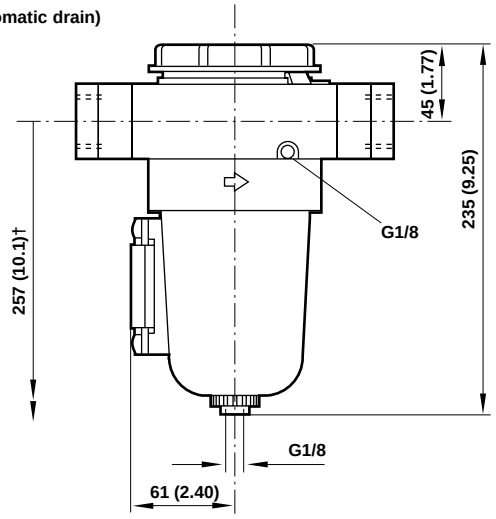
Wall Mounting Bracket

G3/4	18-001-979
G1	18-001-979
G1 1/4	18-001-978
G1 1/2	N/A

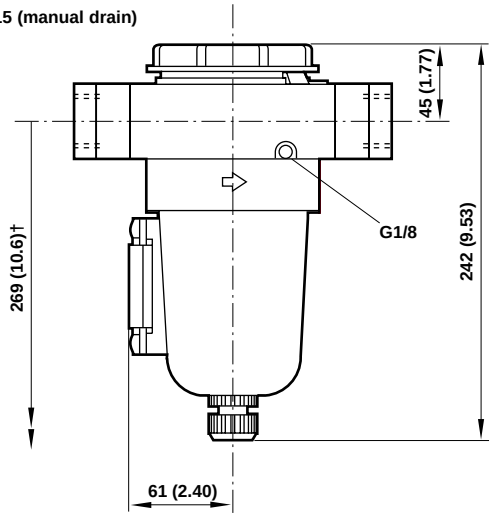
Dimensions mm (inches)



F15 (automatic drain)



F15 (manual drain)

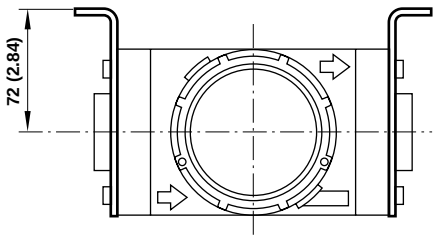


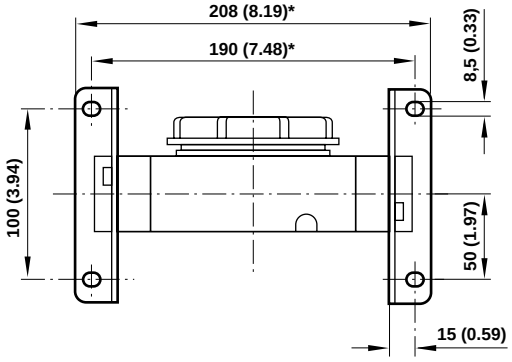
† Minimum clearance required to remove bowl.

* 200 mm (7.87) for 1 1/4″ and 1 1/2″ models

Bracket Mounting

Use 4 mm (5/32″) screws to mount bracket to wall.





Bracket Kit Reference

Item	Type	Part Number
Wall Bracket	3/4″ model	18-001-979
	1″ model	18-001-979
	1 1/4″ model	18-001-978
	1 1/2″ model	N/A

Service Kits

Item	Type	Part Number
Service kit	Automatic drain	F15-100A
	Manual drain	F15-100M
Replacement elements	5 µm	5576-97
	25 µm	5576-98
	50 µm	5576-99
Replacement Sight Glass	Pyrex	5872-99
Replacement Drains	Automatic	3000-97
	Manual	684-84

Manual drain service kit includes; insert retaining ring, valve spring, 50 µm element, drain cock body, drain cock spindle assembly and necessary seals and ‘o’ rings.
Automatic drain service kit includes; cap strainer, strainer, valve spring, 50 µm element and necessary seals and ‘o’ rings.

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.

Water vapor will pass through these units and will condense into liquid if air temperature drops in the downstream system. Install an air dryer if water condensation could have a detrimental effect on the application.