Filter
G¼, G⅜

- **Provides effective liquid removal and positive solid filtration**
- **Large filter element area for minimum pressure drop**
- **Automatic Drain is operated by liquid level and also opens upon depressurisation**
- **Threaded bowl simplifies maintenance, no tools required**

Technical Data

Medium:
Compressed air only

Maximum Pressure:
10 bar transparent bowl
16 bar metal bowl

Operating Temperature:
–20˚C* to +50˚C transparent bowl
–20˚C* to +80˚C metal bowl
*Consult our Technical Service for use below +2˚C

Filter Element:
Standard - 40 µm nominal
Optional - 5 µm and 25 µm

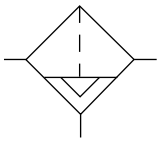
Maximum Flow with 6,3 bar inlet pressure and pressure drop of 0,5 bar:
28 dm^3/s

Port Sizes

G¼, G⅜ to ISO 1179
Accepts ISO 228 (BS 2779) parallel or ISO 7 (BS 21) taper connectors

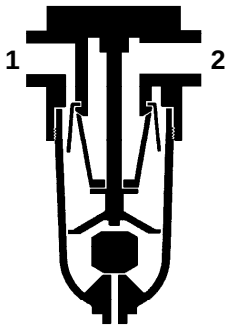
Alternative Models

Orientable Metal Bowl
Manual Drain
Other port thread forms
'Compact' Polycarbonate Bowl with Manual Drain



Materials

Polycarbonate bowl to BS 6005 as standard, zinc alloy bowl optional. Zinc alloy body. Synthetic rubber elastomeric materials. Sintered plastic filter element.

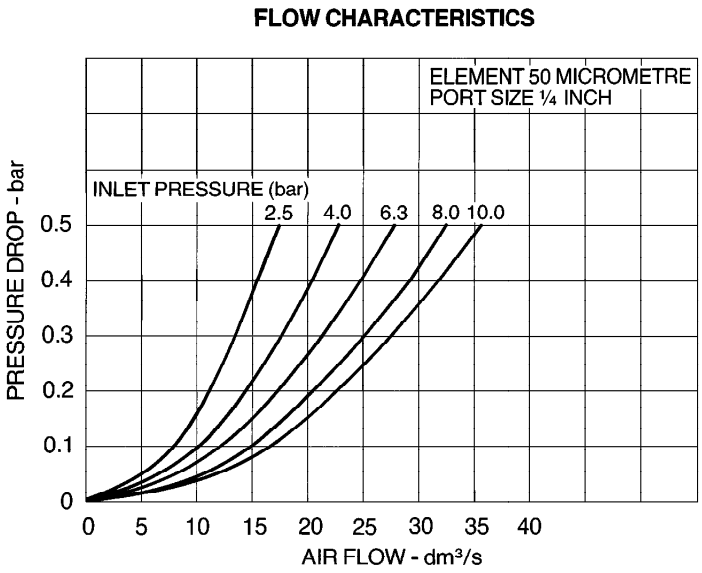


Ordering Information

To order a standard Filter, quote model number from tables overleaf.

For non-standard models substitute appropriate digits as instructed.

Typical Performance Characteristics



Standard Filters

Automatic Drain, 40 µm element

Type	Port Size	Model	Weight kg
Transparent Polycarbonate bowl	G¼	**F11-200-A3TD**	0,60
	G⅜	**F11-300-A3TD**	0,59
Orientable Metal bowl	G¼	**F11-200-A3DD**	0,90
	G⅜	**F11-300-A3DD**	0,90

Manual Drain, 40 µm element

Type	Port Size	Model	Weight kg
Transparent Polycarbonate bowl	G¼	**F11-200-M3TD**	0,60
	G⅜	**F11-300-M3TD**	0,57
Orientable Metal bowl	G¼	**F11-200-M3DD**	0,90
	G⅜	**F11-300-M3DD**	0,87

Non-standard Models

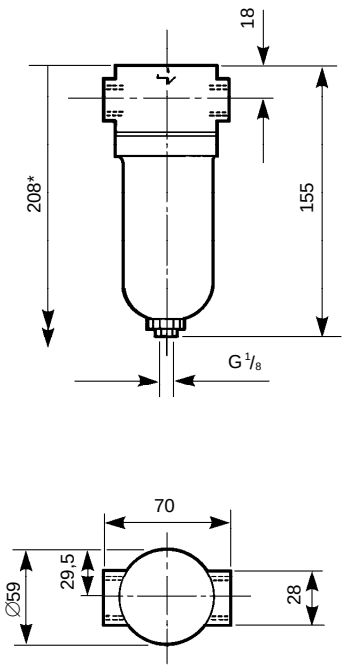
For optional 5 µm or 25 µm elements, substitute '1' or '2' respectively for '3' at the 8th digit, e.g. F11-200-A**1**TD.
For optional 'Compact' Transparent bowl models and other options, please consult our Technical Service.

Accessories

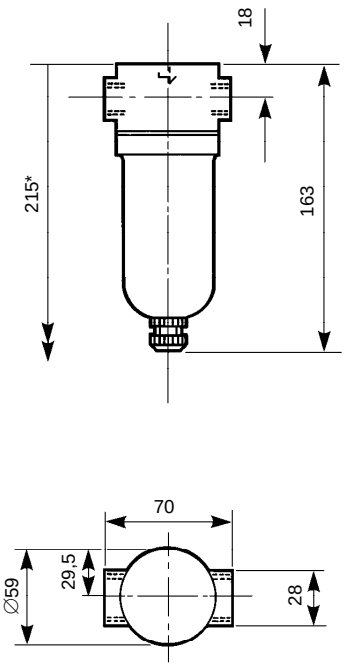
Wall Mounting Bracket Kit, see page **8.5.**061.04.
Bowl Guard Kits for standard Transparent bowls, reference 18-012-985 for Automatic Drain models or 18-012-984 for Manual Drain models.
Bowl Guard Kit for 'Compact' Transparent bowl, reference 18-012-978.

Transparent Polycarbonate Bowl

Automatic Drain

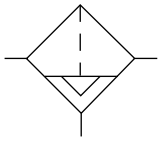


Manual Drain



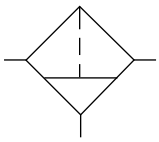
Automatic Drain

F11-200-A3TD G 1/4
F11-300-A3TD G 3/8



Manual Drain

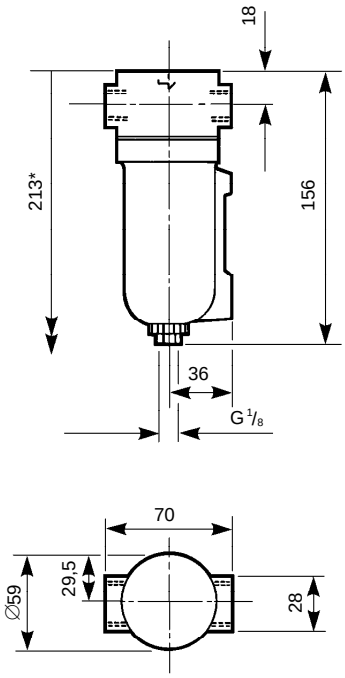
F11-200-M3TD G 1/4
F11-300-M3TD G 3/8



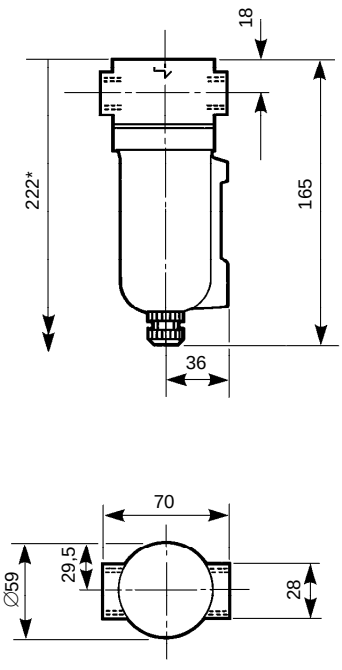
*Minimum clearance required to remove bowl from body.

Orientable Metal Bowl

Automatic Drain

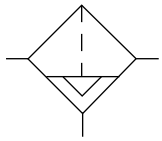


Manual Drain



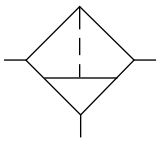
Automatic Drain

F11-200-A3DD G 1/4
F11-300-A3DD G 3/8



Manual Drain

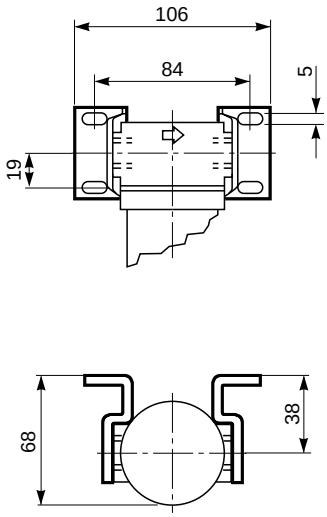
F11-200-M3DD G 1/4
F11-300-M3DD G 3/8



*Minimum clearance required to remove bowl from body.

Bracket Mounting

Bracket Kit reference:
G1/4 **18-001-988**
G3/8 **18-001-989**



Spares Kits

Repair Kits include standard 40 µm element.
For other elements please specify.

Drain	Repair Kit*
Automatic	F11-100
Manual	F11-100

*These kits do not include Metal Bowl 'O' ring.
'O' ring is included in separate Orientable Metal Bowl repair kit, reference 3200-RK.

Automatic Drain Kit available, reference 3000-97. Can be used to convert Manual Drain models to Automatic Drain.

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 MARTONAIR.
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.