

F07

Miniature general purpose filters

- Port size: G1/8 & G1/4
- Very compact unit
- Direct ported filters with high water removal efficiency



Technical features

Medium:

Compressed air only

Maximum inlet pressure:

 10 bar (145 psi) Transparent bowl
 17 bar (246 psi) Metal bowl

Filter element:
 5 or 40 µm

Typical flow:
 see below

Port sizes:
 G1/8 or G1/4

Bowl volume:
 31 ml

Drain: Manual or automatic

Ambient/Media temperature:
 Transparent bowl
 -34 ... +50°C (-29 ... +122°F)

 Metal bowl
 -34 ... +80°C (-29 ... +176°F)

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

Materials:

Body: Zinc alloy

Bowl: Plastic or Zinc alloy

Filter element: Sintered PP

Elastomers: NBR

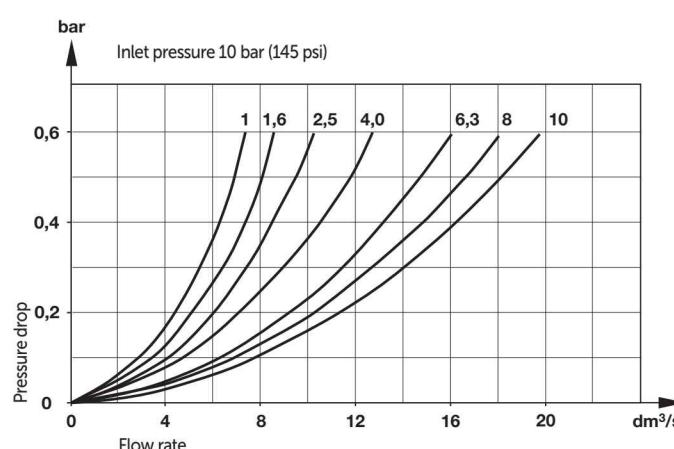
Technical data, standard model

Symbol	Port size	Filter element (µm)	Flow *1) (dm ³ /s)	Drain	Bowl	Weight (kg)	Model
	G1/8	40	9	Manual	Plastic	0,13	F07-100-M3TG
	G1/4	40	11,5	Manual	Plastic	0,13	F07-200-M3TG
	G1/8	40	9	Automatic	Plastic	0,13	F07-100-A3TG
	G1/4	40	11,5	Automatic	Plastic	0,13	F07-200-A3TG

*1) Typical flow with 6,3 bar (91 psi) inlet pressure and a 0,3 bar (4,3 psi) drop from set.

Option selector

F07-★00-★★★		Thread form	Substitute
Port size	Substitute	PTF	A
1/8"	1	ISO G	G
1/4"	2	Bowl	Substitute
Drain	Substitute	Plastic	T
Automatic	A	Metal	M
Manual	M	Filter element	Substitute
		5 µm	1
		40 µm	3

Flow characteristics
**Port size 1/4",
filter element 40 µm**


Accessories and service kit



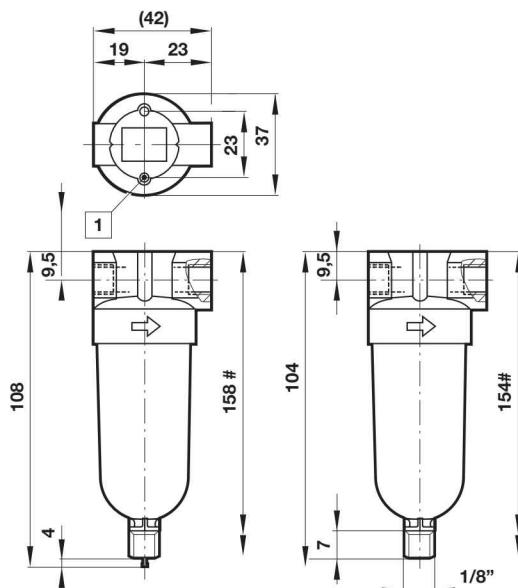
Service kit



Dimensions

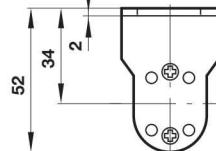
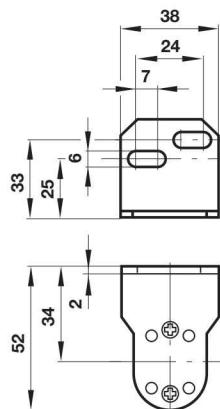
Manual drain

Automatic drain



Wall mounting bracket

Dimensions in mm
Projection/First angle



Use 1/8" (3 mm) screws
to mount bracket to wall.

Minimum clearance required to remove bowl
1 Mounting holes, ø 4 mm, 13 mm deep

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 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 Norgren Ltd.

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.