

- > **Port size: 1 1/2" & 2" (ISO G, PTF)**
- > **High efficiency oil and particle removal**
- > **Standard service life indicator turns from green to red when the filter element needs to be replaced**



Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (250 psi)

Particle removal:

0,01 µm

Remaining oil content:

 0,01mg/m³ maximum

Flow:

See below

Port size:

1 1/2" or 2"

Drain:

Automatic or manual

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: 0,1 dm³/s (0.2 scfm)

Manual operation: depress pin inside drain outlet to drain bowl.

Ambient/Media temperature:

-34 ... 80°C (-30 ... 176 °F)

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

Note: Install an F18 filter with 5 µm filter element upstream of the F47 filter for maximum service life.

Materials:

Body, intermediate body and bowl:

Aluminum

Liquid level indicator:

Transparent PA

Element: Synthetic fiber & PU foam

Elastomers: CR & NBR


Service indicator: Transparent PA body

Internal parts: Acetal

Spring: Stainless steel

Elastomers: NBR

Technical data, standard models

Symbol	Port size	Flow *1) (dm ³ /s)	Drain	Bowl	Weight (kg)	Model
	G 1 1/2	118 (standard flow)	Automatic	Metal	7,04	F47-B01-AODG
	G 2	156 (standard flow)	Automatic	Metal	6,47	F47-C01-AODG
	G 2	284 (high flow)	Automatic	Metal (long)	10,06	F47-C21-AODG

*1) Maximum flow with 6,3 bar (91 psi) inlet pressure to maintain stated oil removal performance

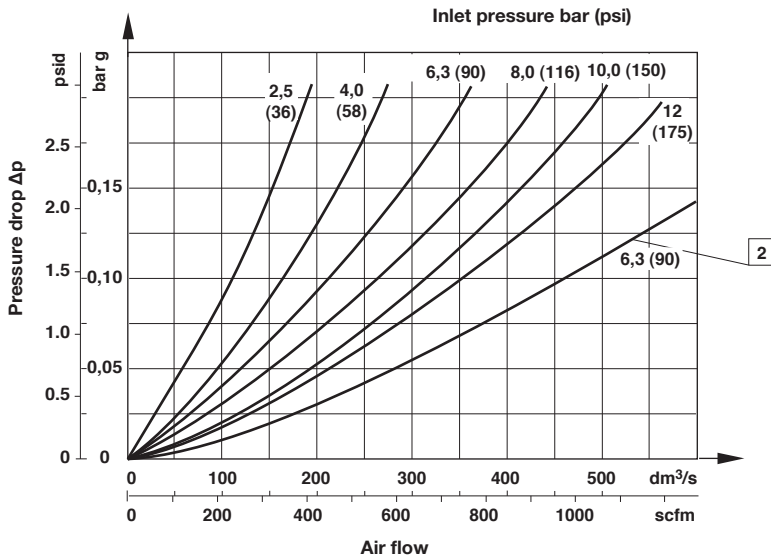
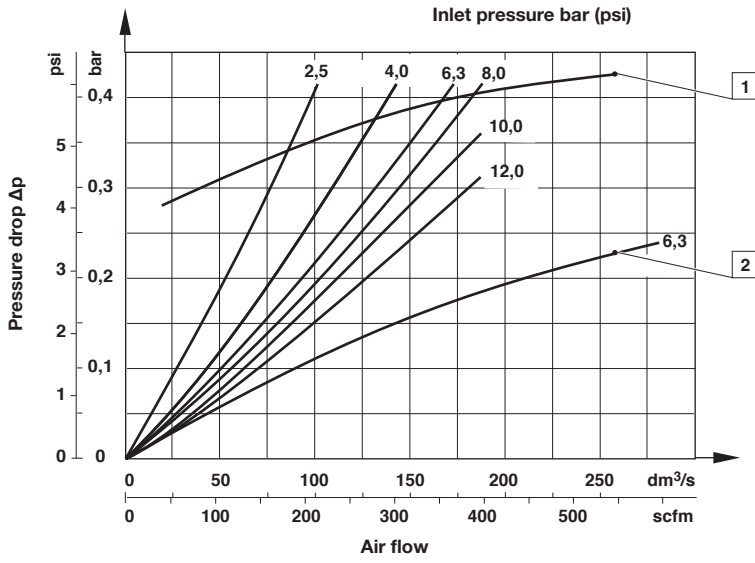
Option selector

F47-★★1-★0D★

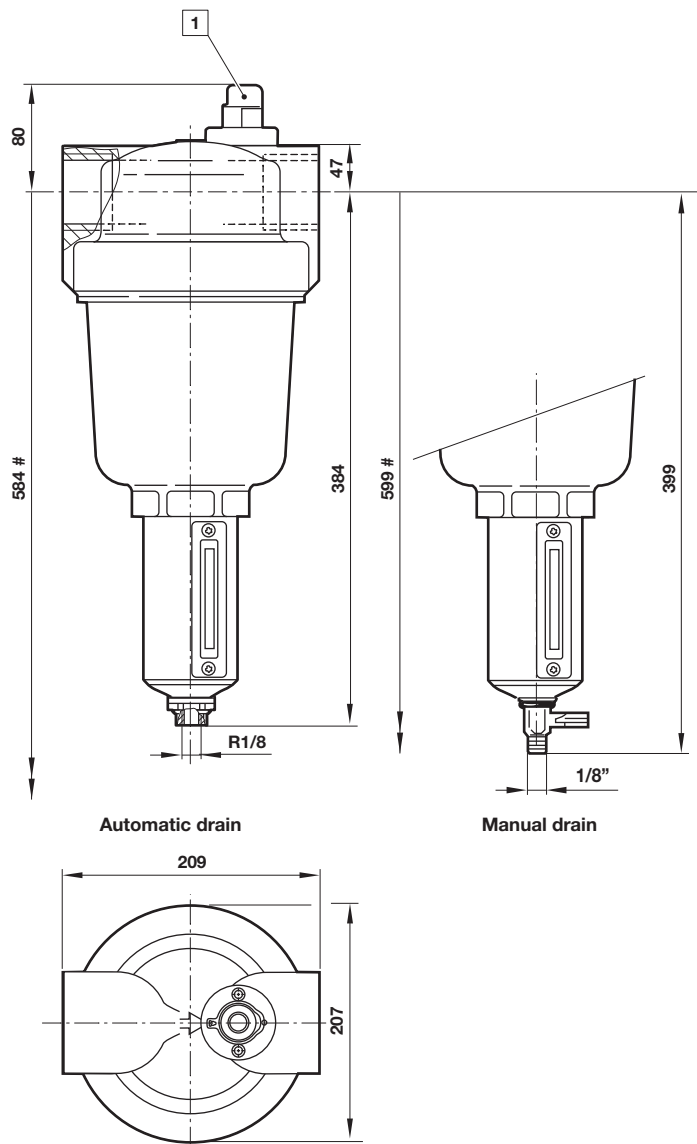
Port size	Substitute	Thread	Substitute
1 1/2"	B	PTF	A
2"	C	ISO G parallel (standard)	G
Flow	Substitute	Drain	Substitute
Standard	0	Automatic	A
High	2	Manual, 1/4 turn	M

Flow characteristics

Port size G2



- 1 Maximum flow to maintain started oil removal performance
- 2 High flow element

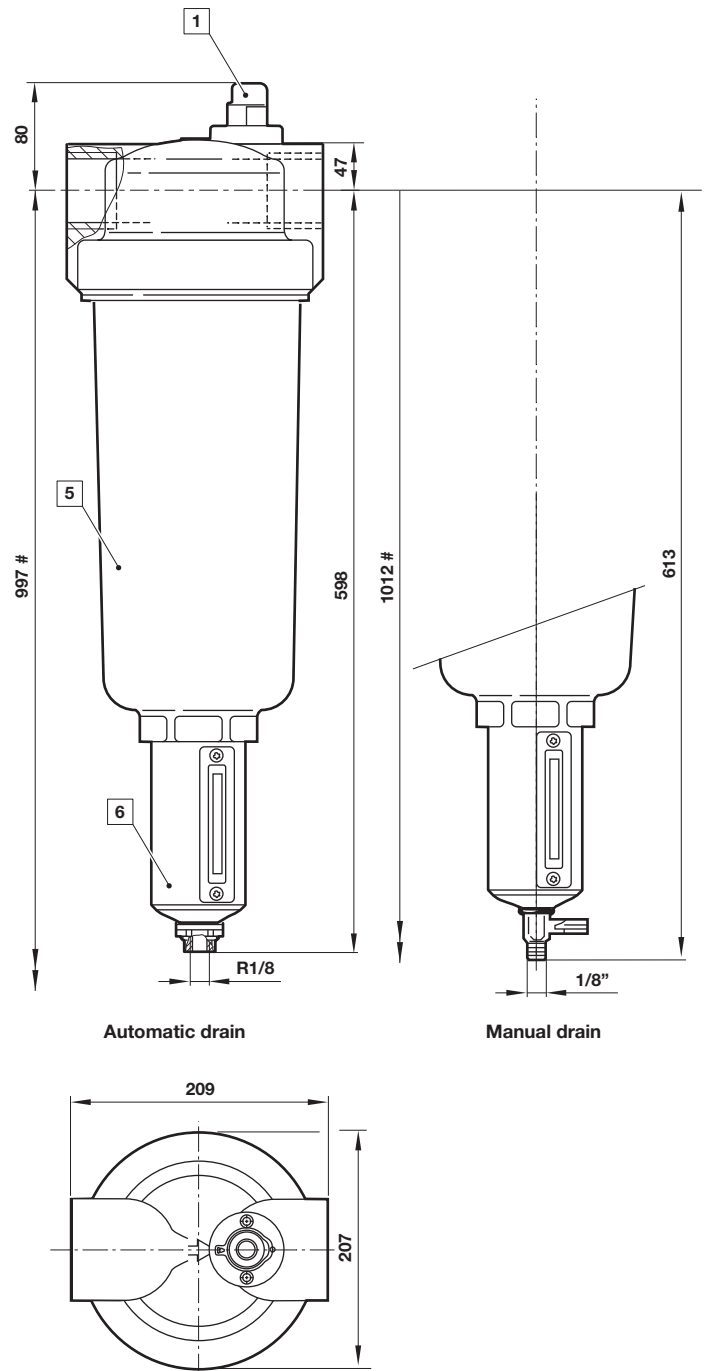
Dimensions
Standard flow element


Min clearance required to remove intermediate body and bowl.

1 Services indicator

High flow element

Dimensions in mm
Projection/First angle


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 IMI 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.