

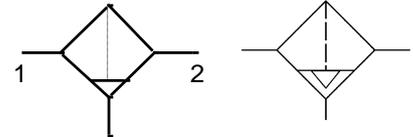


Pre-filter

Size 1

FU 851 FU 861	FU 852 FU 862
G 1/4	G 3/8

0.3 µm



Description

Pre-filter for use in combination with a micro-filter and an activated carbon filter in the "**Futura**" series, after-filter for use with compressed-air dryers or dust filter for compressed air and inert gases.

Characteristics

Type	FU 851 (Semi a.)	FU 861 (Fully a.)	FU 852 (Semi a.)	FU 862 (Fully a.)
Port (thread)	G 1/4		G 3/8	
Type of construction	Pre-filter			
Medium	Compressed air, neutral gases			
Mounting position	Vertical			
Temperature Medium / ambient	Max. 50 °C			
Input pressure Pin - With semi-automatic drain - With automatic drain - With manual drain	Min. 1.5 bar Min. 1.5 bar Max. 16 bar			
Filter rating	Pore size 0.3 µm			
Dust separation	99.999%			
Bowl capacity	12 cm ³			
Condensate drain	Semi-automatic (standard) / fully automatic – pressureless exhaust			
Flow direction	From the outside to the inside			
Mounting type	Bracket, wall mounting			

Materials

Part	Material
Head piece	PA66 GF60
Cover	Schulaform®
Bowl	Polycarbonate
Bowl guard	Polyamide
Metal bowl	Die-cast zinc
O-rings	NBR
Filter element	Paper / Al
Threaded plate	Die-cast zinc

Ordering information

- The filters are delivered in single packs
- Ordering code for metal bowl with "-M"
Example: FU 851-M

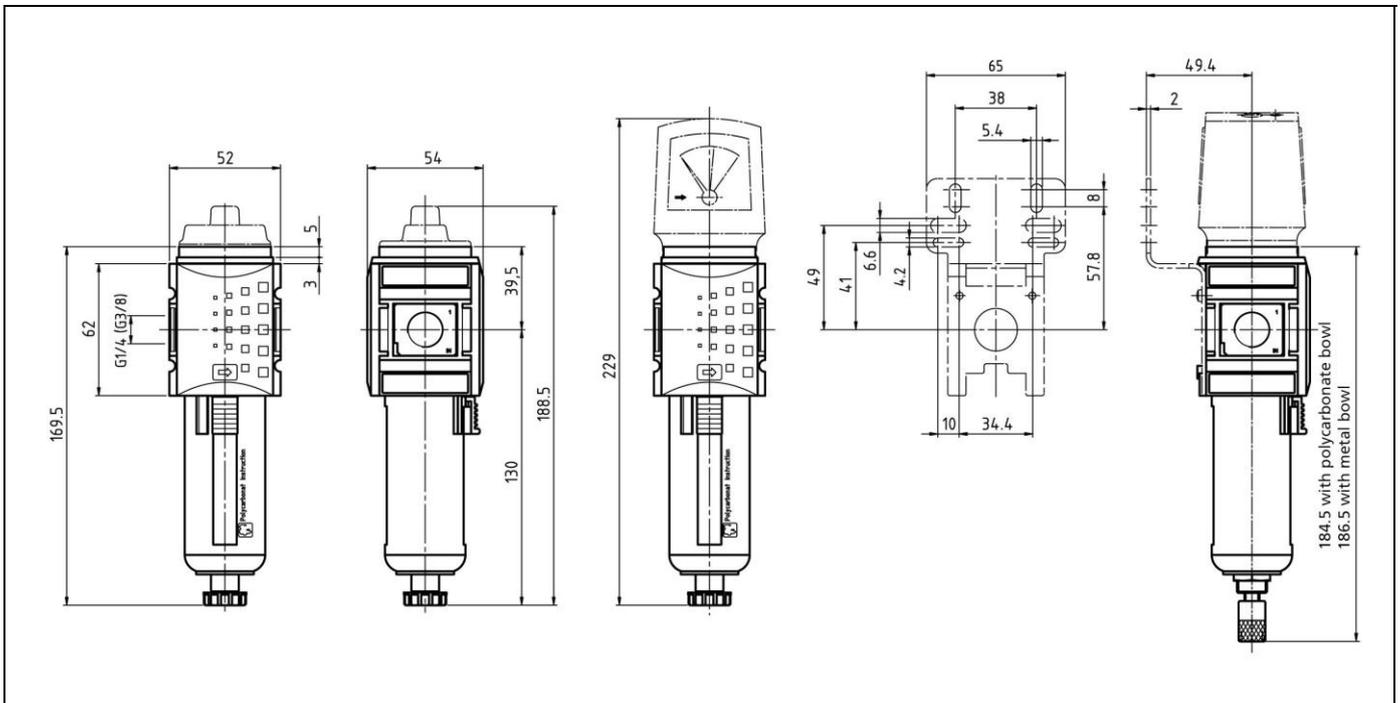
Accessories

Designation	Art. No.
Mounting bracket, incl. screws	H 850
Joiner set with wall bracket	WK 100
Joiner set	KP 100
Polycarbonate bowl with bowl guard / filter	BSF 14
Polycarb. bowl with fully autom. drain valve	BSF 14-A
Metal bowl / filter	MF 14
Metal bowl with fully automatic drain valve	MF 14-A
Differential pressure indicator	DAF 1
Differential pressure gauge	DM 34
Wall bracket with connection thread G 1/4	WK 101-14
Wall bracket with connection thread G 3/8	WK 101-38

Spare parts

Designation	Art. No.
Filter element (fully automatic drain valve)	V 23/40
Filter element (semi-automatic drain valve)	V 23/71
Automatic drain valve	655.6.900

Dimensions



Flow rates

Flow characteristic

