

FB SUCTION FILTER WITH METAL CARTRIDGE

Preventing impurities from reaching the vacuum pump is fundamental to guarantee the correct operation and long duration.

This range of filters, to be placed on the vacuum pump suction inlet or on the plant pipeline, has been designed for this purpose. Their simple and rational structure features threaded connections for the installation and a lid, very easy to open, to allow easily cleaning the filtering cartridge. The lids are made with die-cast aluminium, as are the containers, except for the models FB 5, FB 10 e FB 20 which are in transparent plastic material (cellulose acetate), particularly resistant to shocks.

The standard filtering cartridges are in profiled stainless steel mesh, with a filtering degree equal to 60 μ . Upon request, they can be supplied with a filtering degree equal to 100 or 300 μ .

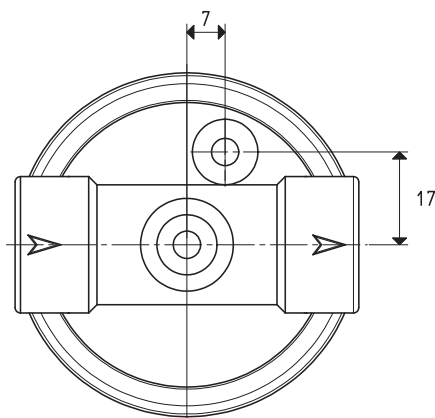
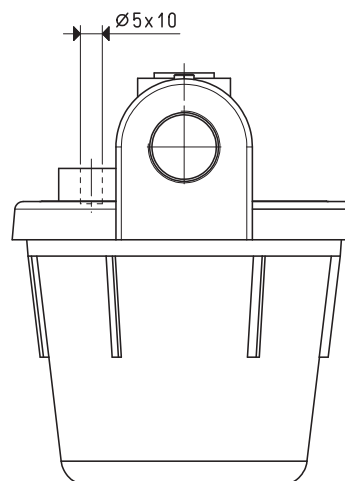
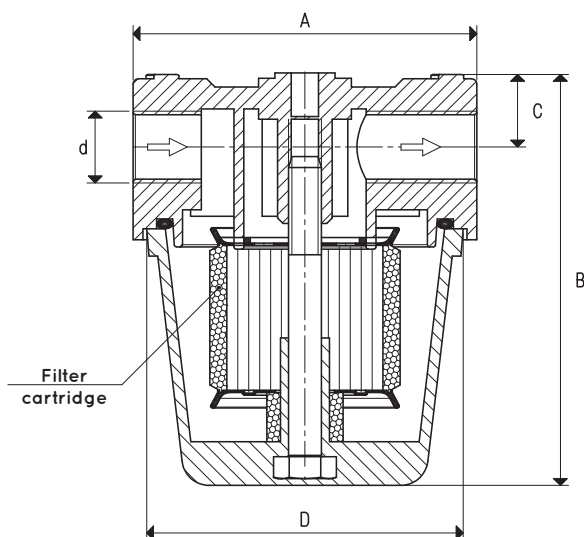
The flow rate of these filters ranges from 5 to 300 m³/h.

Technical features

Operating pressure: from 0.5 to 3000 absolute mbar

Fluid temperature: from -20 to +90°C for filters with aluminium container, from -20 to +50°C for filters with containers in transparent plastic material

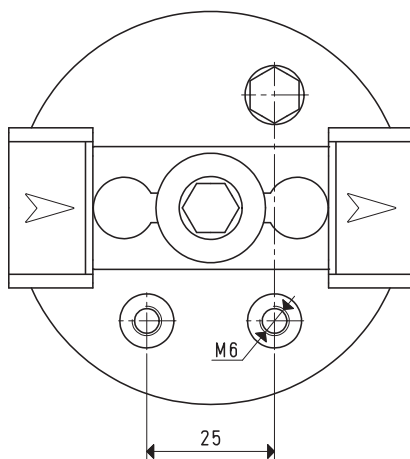
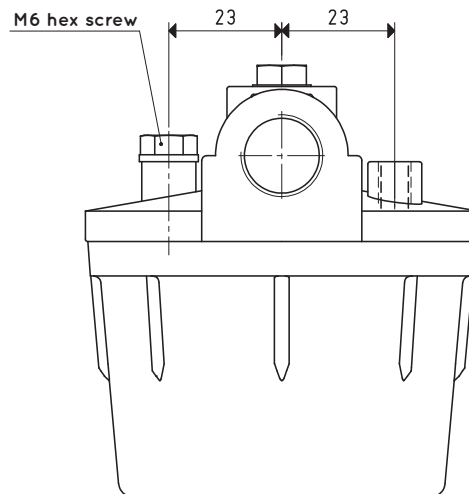
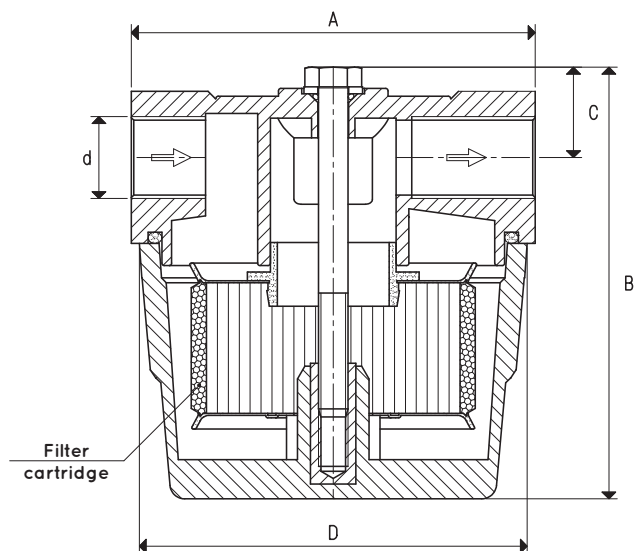
Level of filtration: 60 μ



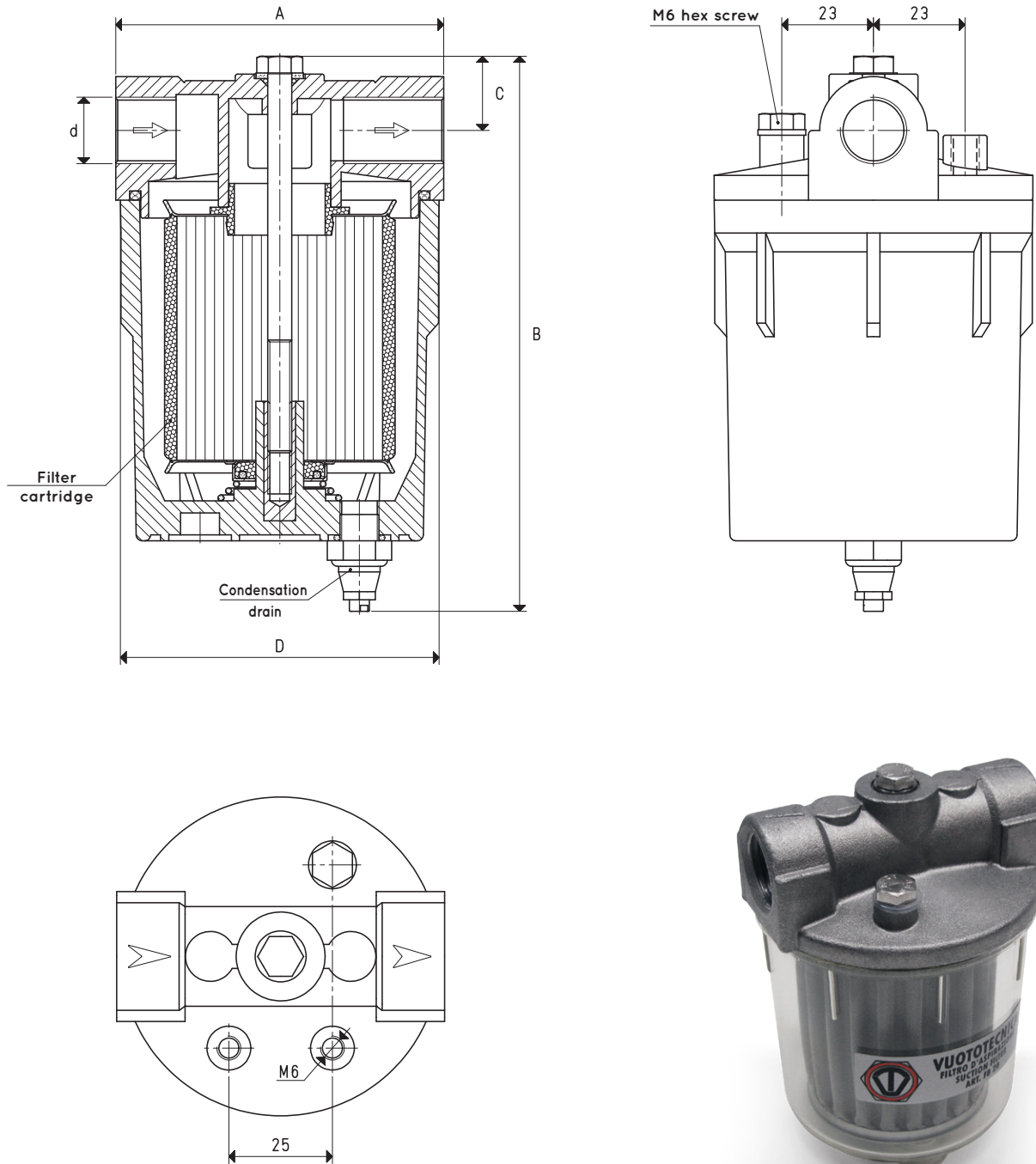
Item	d	A	B	C	D	Flow rate max m ³ /h	Cartridge spare part item	Sealing kit spare part item	Weight g
FB 5	G1/4"	63	75.3	12.5	59	5	00 FB 03	00 KIT FB5	140



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Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit spare part item	Weight g
FB 10	G3/8"	81	87	17	79	10	00 FB 13	00 KIT FB10	258

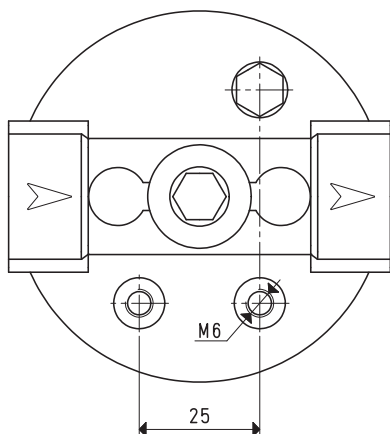
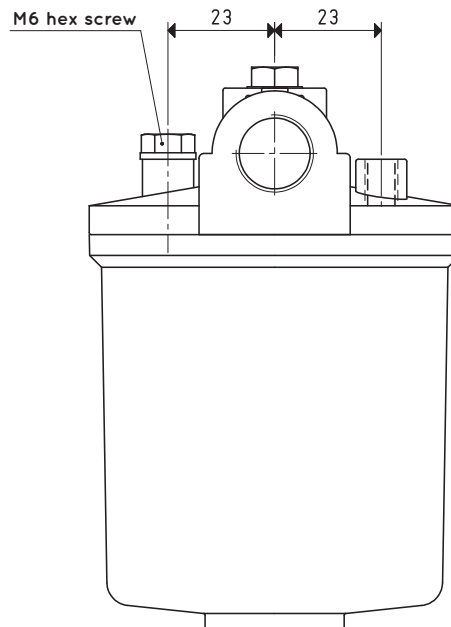
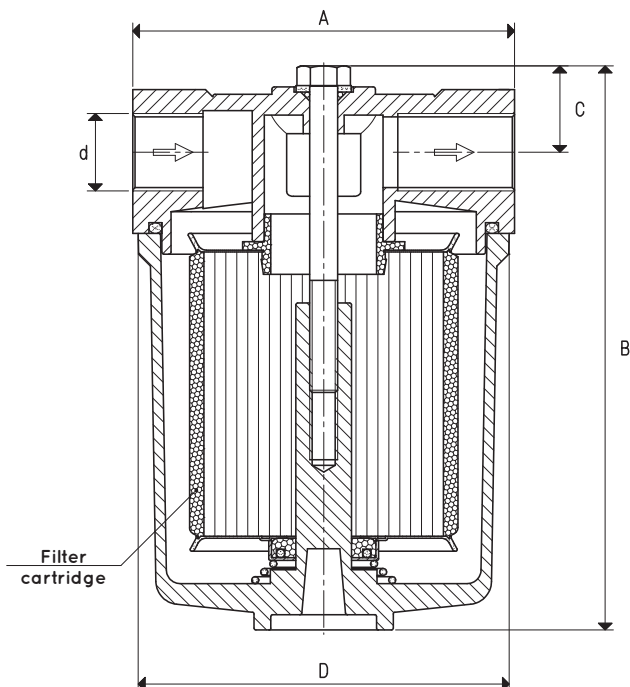


Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
FB 20	G1/2"	81	116	17	79	20	00 FB 22	00 KIT FB20	312



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3D drawings are available on vuototecnica.net

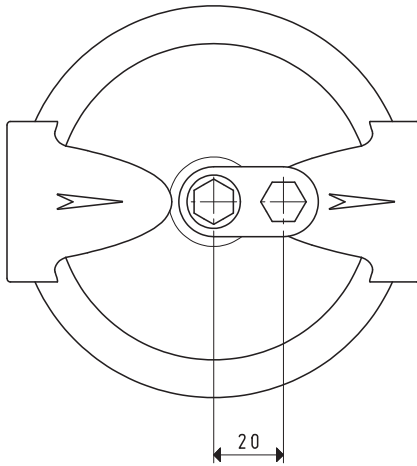
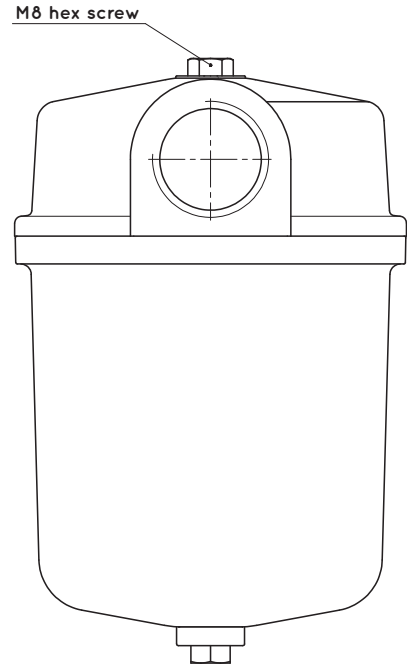
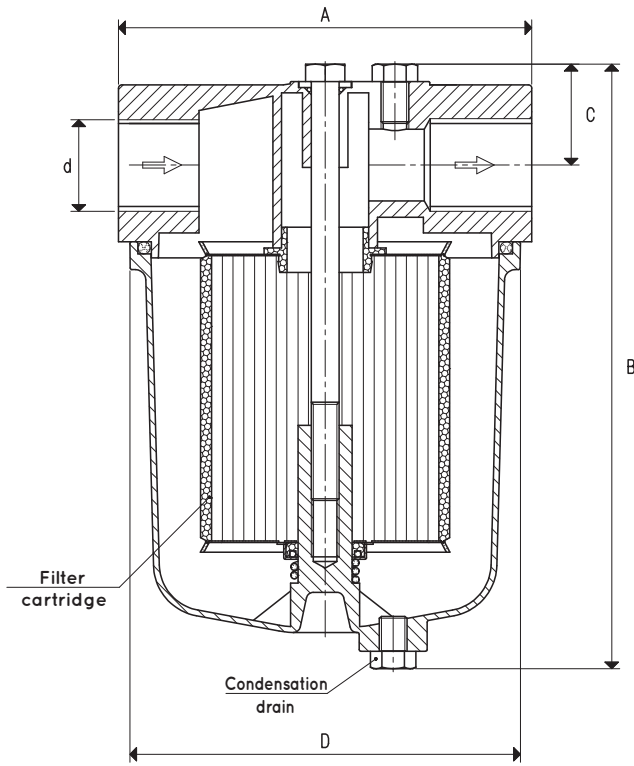


Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
FB 20 A	G1/2"	81	121	17	79	20	00 FB 22	00 KIT FB20	394

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130

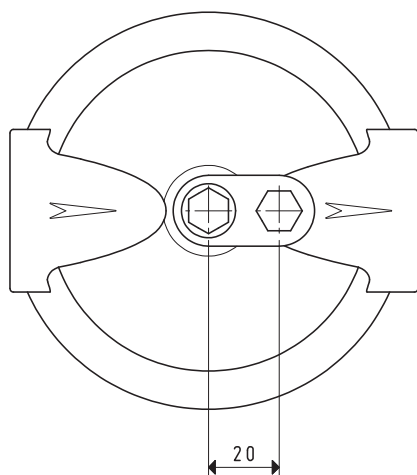
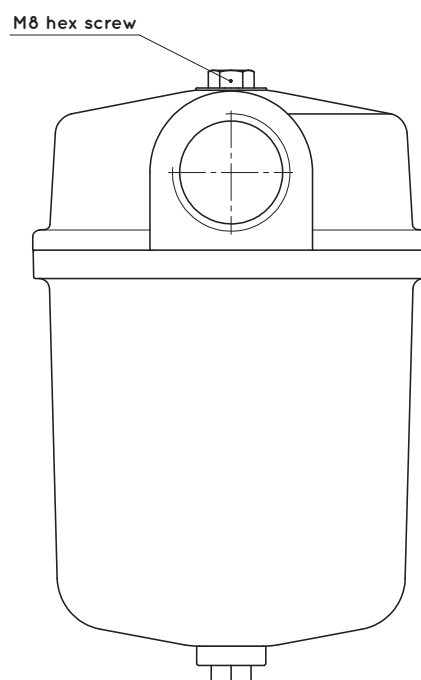
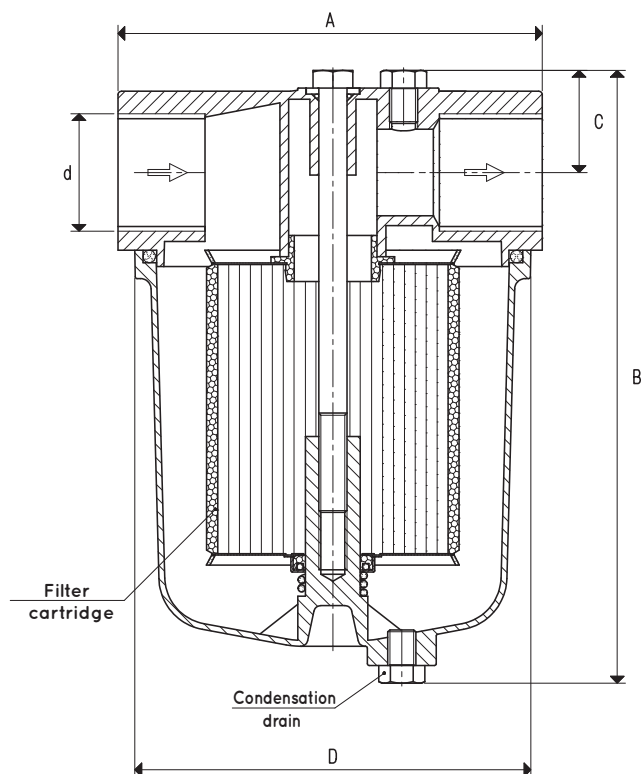


Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
FB 28	G3/4"	120	181	31	112	40	00 FB 34	00 KIT FB 30	762



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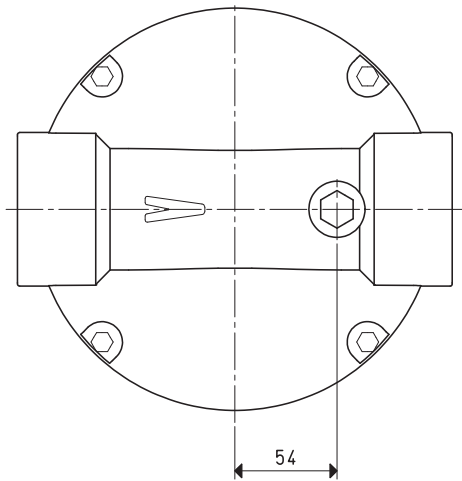
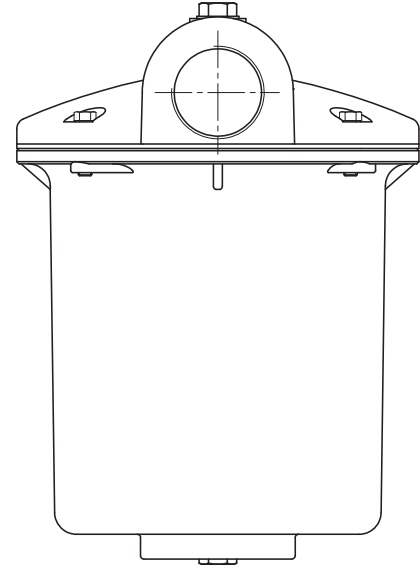
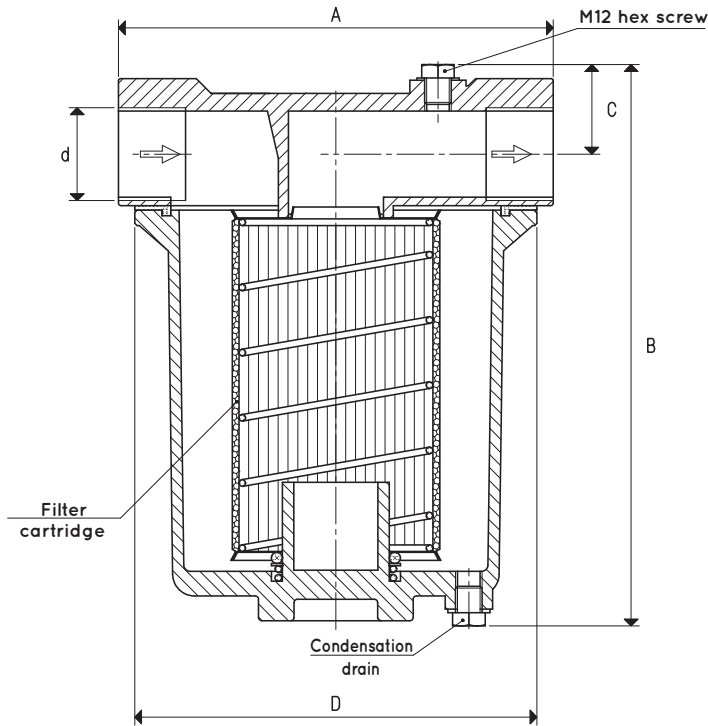


Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
FB 30	G1"	120	181	31	112	70	00 FB 34	00 KIT FB 30	758

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

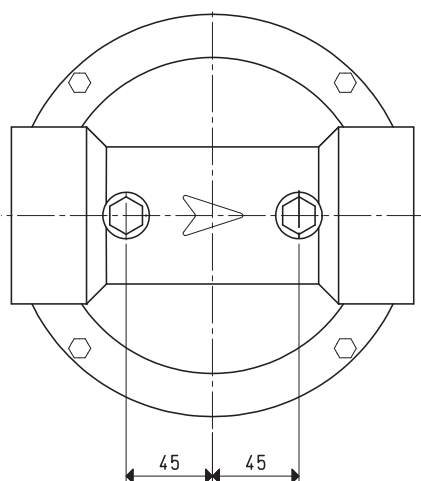
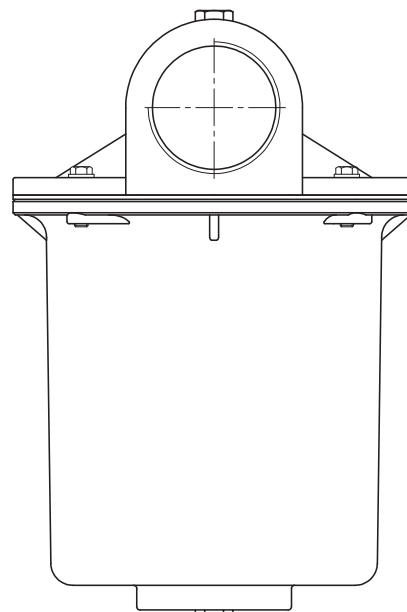
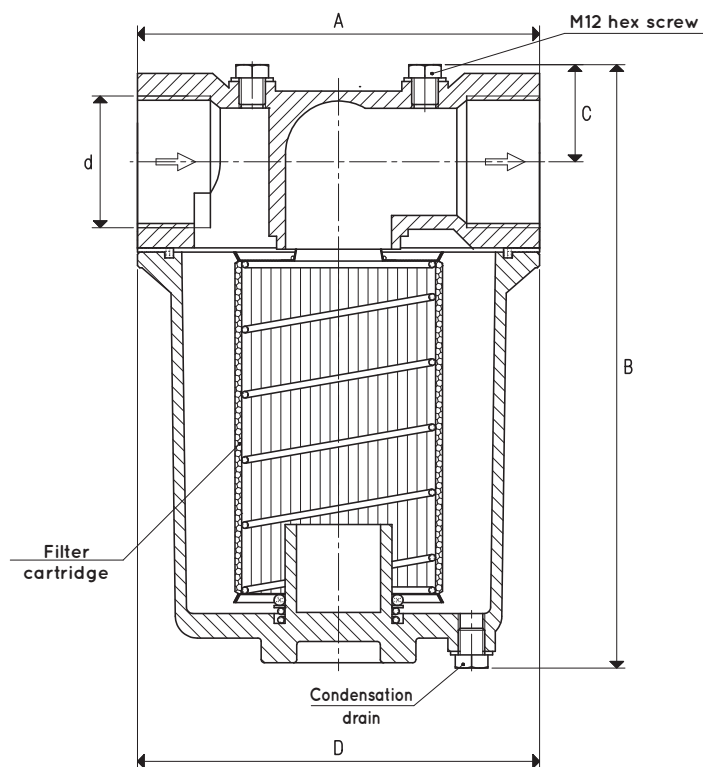
Adapters for GAS - NPT threading available on page 1.130



Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
FB 40	G1" 1/4	190	255	39	182	150	00 FB 45	00 KIT FB 40	3.06
FB 50	G1" 1/2	190	255	39	182	200	00 FB 45	00 KIT FB 50	2.99



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Item	d Ø	A	B	C	D Ø	Flow rate max m³/h	Cartridge spare part item	Sealing kit and small parts item	Weight g
FB 60	G2"	182	260	42	182	300	00 FB 52	00 KIT FB 60	3.18