

AirGo G & F Series Medical Vacuum Filters

Working vacuum	100kPa to -90kPa
Flow rate	30nm³/h to 2,010nm³/h
Connections	1/4" to 3" (G Series)
Connections (Flanged)	100 to 150 NW (F Series)
Operating temp.	1.5°C to 120°C
Material	Zero Porosity Aluminium (G Series)
Material	Welded Steel (F Series)

The AirGo range of Medical Vacuum filters have been designed to provide for the removal of bacterial, solid and liquid contamination in vacuum systems for hospital and laboratory environments. Situated on the suction side of vacuum pumps, these filters protect both the vacuum pump and the atmosphere from contamination.

Lightweight aluminium filter housing

- 1/2" To 3" BSP threaded connections
- Meets requirements of HTM2022 / HTM02-01
- Direct mounted differential pressure gauge - standard
- Corrosion-resistant coating inside and powder-coat finish outside
- High efficiency element and Isolation valve
- Easily removable & serviceable sterilisable drain (collection) glass flask
- **Optional** support stand and protective shroud (various configs)

Recommended filter change out time is 6 months or 1000 hrs.

Applications

🏢 Laboratories 🏢 Hospitals 🏢 Dental Surgeries 🏢 Operating Theatres

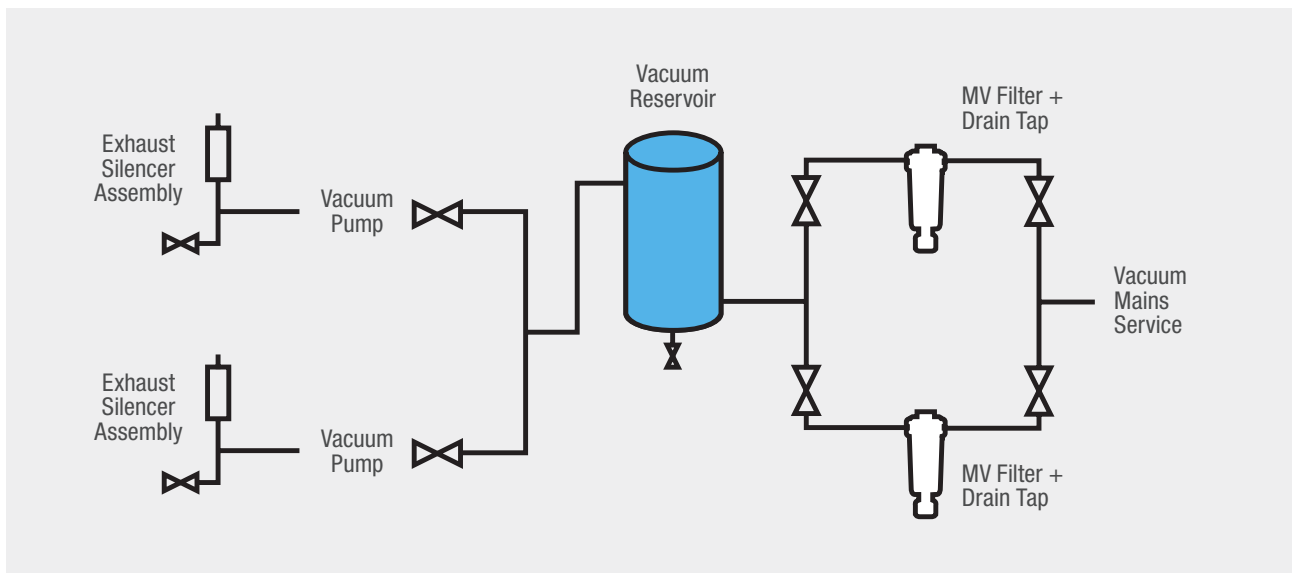


Installation & operation

It is our recommendation that AirGo Medical Vacuum Filters are installed in a parallel layout in the plant room immediately prior to the vacuum reservoir. This enables the maintenance draining of one unit without interrupting the vacuum supply.

Medical Vacuum Filters should be installed vertically with the sterilisable drain flask at the bottom, and with strict observance of direction of flow (direction arrow marked on filter).

The flow through the filter element is outside to in, passing first through the outer pre-filter and then through the microfibre media. Separated liquids from the filter are collected in the drain flask. The drain flask should be inspected periodically, and if any liquid is present, the flask must be drained off, emptied and autoclaved before replacement.



AirGo Med-Vac Series - Medical Vacuum Filters

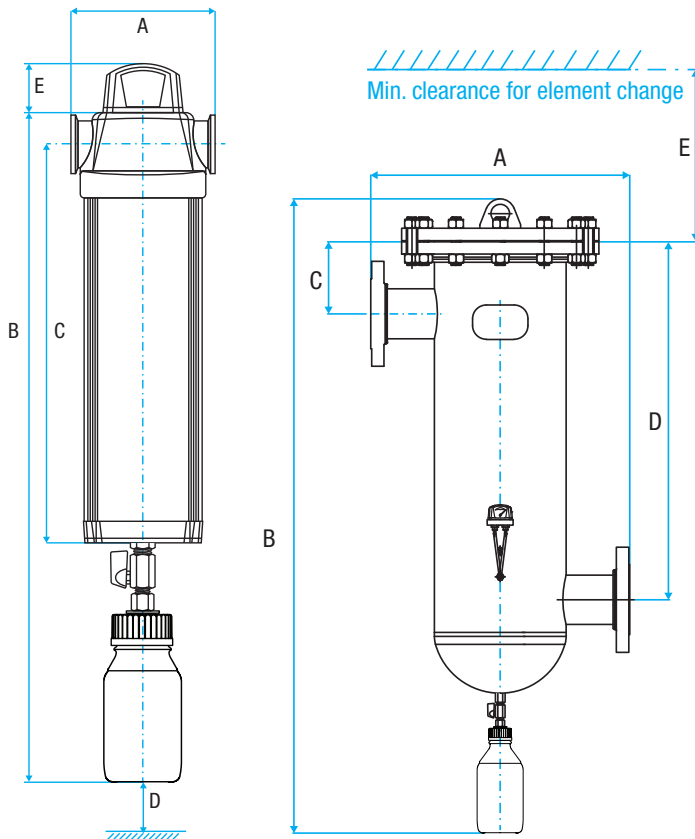
G Series

Housing model	Port Size	Free Air Delivery	Rarefied Air Delivery	Housing dimensions (mm) (*250ml Flask)					\$ Price	Element model	QTY
		@ Atmos. Pressure m3/Hr	@ 500 mmHg m3/Hr	A	B*	C	D	E			
G100MV	1/2"	10	30	102	463	235.5	210	45	710	M100MV	1
G200MV	3/4"	15	45	123	572	339.5	310	45	820	M200MV	1
G250MV	1"	32	96	123	598	379.5	360	45	860	M250MV	1
G500MV	1 1/4"	65	195	123	685	457.5	440	45	990	M500MV	1
G600MV	1 1/2"	100	300	123	724	502.5	485	45	1,175	M600MV	1
G1210MV	2"	160	480	160	887	653.8	540	45	1,975	M1210MV	1
G1820MV	3"	250	750	194	890	813	625	45	2,995	M1820MV	1
G2220MV	3"	305	915	194	930	867	675	45	3,875	M2220MV	1
G2700MV	3"	330	990	194	1273	1011	755	45	4,200	M2700MV	1

F Series

Housing model	Port Size	Free Air Delivery	Rarefied Air Delivery	Housing dimensions (mm) (*1000ml Flask)					\$ Price	Element model	QTY
		@ Atmos. Pressure m3/Hr	@ 500 mmHg m3/Hr	A	B*	C	D	E			
F3200MV	DN100	416	1230	449	1520	279	769	650	6,200	M1200MV	3
F4300MV	DN100	500	1500	530	1545	281	772	650	8,685	M1200MV	4
F6500MV	DN150	670	2010	579	1615	332	797	650	11,600	M1200MV	6

i *Full height (B) is nominal and dependent upon height of ball valve and connectors chosen



← G Series F Series →
Not to scale

Accessories

Differential Pressure Gauges

Product Code	Type
MPKG	Standard
MPKG-VFC	Voltage free contacts

Drain Kit

Product Code	Size
MVD 25	1/4"
MVD 50	1/2"

Collection Flasks

Product Code	Volume	Diameter	Height
MVF 250	250ml	70	138
MVF 500	500ml	86	176
MVF 1000	1000ml	101	225
MVF 2000	2000ml	136	260
MVF 5000	5000ml	182	330