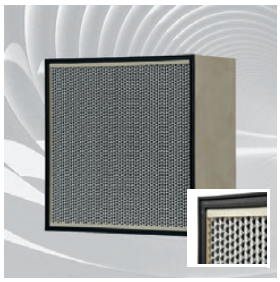
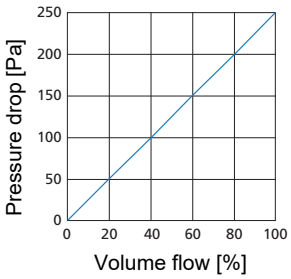


Pressure drop diagram



MacroPur HEPA filter H13 with aluminium separators

wave-shaped aluminum separators are used for stabilization instead of synthetic threads; the packages of folds are cast in a wooden frame with polyurethane so as to be airtight.

Application:

Designed as final filters with great capacity in filtration of all aerosol types in a multiple filter chain to be used in climate control and air handling units; for cleaning supply and extract air in industrial processes; for filtration of health endangering dust, viruses and bacteria.

Areas of application:

Health-care industry, chemical, pharmaceutical production, food product industry, electronics, production of semiconductors, nuclear technology Filter design using aluminum separators makes operational temperature to max. 100 °C possible.

Type:

with a PUR semicircular seal – others seals and handle guard on request.

Frame material
medium-density fibreboard (MDF),
aluminium
galvanized steel

Filter class
H13

Test norm
EN 1822:2011

Medium
Micro glass fiber paper with aluminium separators

Gasket
PUR semicircular seal
flat-profile seal
test-groove seal
others seals on request

Temperature resistance
< 100 °C

HEPA filters **M13A..**
Filter class: **H13 [EN 1822:2011]**
Filter medium: **aluminum separators**

Type M13AH installation depth 150 mm				Type M13AT installation depth 292 mm			
Size W/H/D + seal [mm]	**Air flow volume** [m^3/h]	**Filtration surface** [m^2]	**Approx. weight** [kg]	**Size W/H/D + seal** [mm]	**Air flow volume** [m^3/h]	**Filtration surface** [m^2]	**Approx. weight** [kg]
305/305/150 + 8	240 320	2.0 3.1	2.3 3.7	305/305/292 + 8	415 520	3.9 6.1	3.6 6.0
305/610/150 + 8	530 710	4.3 6.6	4.3 6.9	290/595/292 + 8	850	7.5	5.6
610/610/150 + 8	1150 1530	9.0 13.5	6.2 10.0	305/610/292 + 8	930 1.160	8.4 13.0	5.7 9.5
762/610/150 + 8	1450 1930	11.3 17.0	7.8 12.5	595/595/292 + 8	1900 2390	16.8 26.3	9.6 15.7
				610/610/292 + 8	2000 2510	17.7 27.7	9.7 16.0
				762/610/292 + 8	2540 3190	22.2 35.1	13.2 19.3