

AbSo-78-P58



Model: AH13-610x610x78-10/02-58
AH13: Absolute filter, H13-class EN1822
610x610x78: Size WxLxD mm
10/02: Gasket Air Inlet/ Grid air outlet
58: Pleat Depth mm
MGT Ref: HF13GRMN1PG-610x610x78

APPLICATIONS

- EPA-HEPA Filters absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry.

Turbulent Flow Absolute Filters

Frame: Galvanized
Media: Micro Glass Fibre
Surface Grid: Air outlet
Gasket Type: Polyurethane
Gasket Direction: Air Inlet
Filter Stage: III-IV

MPPS Efficiency EN 1822:
H13 ($\geq 99.95\%$), H14 ($\geq 99.995\%$),
U15 ($\geq 99.9995\%$), E10 ($\geq 85\%$),
E11 ($\geq 95\%$), E12 ($\geq 99.5\%$)
Max. Temperature: 80°C
Relative Humidity: 100%
Rec. Final Pressure Drop: 600 Pa

Fire Resistance Class: K1/F1 According to DIN53438

Model	P/N	MGT's Reference	Size WxLxD	Filter Class EN 1822	Pleat Depth mm	Filter Area m ²	Air Flow m ³ /h	Pressure Drop Pa	Weight kg
AH13-305x305x78-10/02-58	148001M	HF13GRMN1PG	305x305x78	H13	58	2.8	350	250	1.85
AH13-305x610x78-10/02-58	148002M	HF13GRMN1PG	305x610x78	H13	58	5.5	700	250	3.5
AH13-457x457x78-10/02-58	148003M	HF13GRMN1PG	457x457x78	H13	58	6	775	250	4.25
AH13-457x610x78-10/02-58	148004M	HF13GRMN1PG	457x610x78	H13	58	8	1050	250	6.5
AH13-610x610x78-10/02-58	148005M	HF13GRMN1PG	610x610x78	H13	58	10.5	1400	250	6.8
AH13-610x762x78-10/02-58	148006M	HF13GRMN1PG	610x762x78	H13	58	13	1700	250	8.5
AH13-610x915x78-10/02-58	148007M	HF13GRMN1PG	610x915x78	H13	58	15.5	2050	250	10
AH13-610x1220x78-10/02-58	148008M	HF13GRMN1PG	610x1220x78	H13	58	21	2750	250	12.5
AH14-305x305x78-10/02-58	148009M	HF14GRMN1PG	305x305x78	H14	58	2.8	300	250	1.85
AH14-305x610x78-10/02-58	148010M	HF14GRMN1PG	305x610x78	H14	58	5.5	600	250	3.5
AH14-457x457x78-10/02-58	148011M	HF14GRMN1PG	457x457x78	H14	58	6	670	250	4.25
AH14-457x610x78-10/02-58	148012M	HF14GRMN1PG	457x610x78	H14	58	8	890	250	6.5
AH14-610x610x78-10/02-58	148013M	HF14GRMN1PG	610x610x78	H14	58	10.5	1200	250	6.8
AH14-610x762x78-10/02-58	148014M	HF14GRMN1PG	610x762x78	H14	58	13	1480	250	8.5
AH14-610x915x78-10/02-58	148015M	HF14GRMN1PG	610x915x78	H14	58	15.5	1800	250	10
AH14-610x1220x78-10/02-58	148016M	HF14GRMN1PG	610x1220x78	H14	58	21	2400	250	12.5
AU15-305x305x78-10/02-58	148017M	HF15GRMN1PG	305x305x78	U15	58	2.8	290	250	1.85
AU15-305x610x78-10/02-58	148018M	HF15GRMN1PG	305x610x78	U15	58	5.5	580	250	3.5
AU15-457x457x78-10/02-58	148019M	HF15GRMN1PG	457x457x78	U15	58	6	650	250	4.25
AU15-457x610x78-10/02-58	148020M	HF15GRMN1PG	457x610x78	U15	58	8	860	250	6.5
AU15-610x610x78-10/02-58	148021M	HF15GRMN1PG	610x610x78	U15	58	10.5	1160	250	6.8
AU15-610x762x78-10/02-58	148022M	HF15GRMN1PG	610x762x78	U15	58	13	1440	250	8.5
AU15-610x915x78-10/02-58	148023M	HF15GRMN1PG	610x915x78	U15	58	15.5	1740	250	10
AU15-610x1220x78-10/02-58	148024M	HF15GRMN1PG	610x1220x78	U15	58	21	2300	250	12.5

MADE IN TURKEY

Manufacturer: MGT

Model	P/N	MGT's Reference	Size WxLxD	Filter Class EN 1822	Pleat Depth mm	Filter Area m ²	Air Flow m ³ /h	Pressure Drop Pa	Weight kg
AE10-305x305x78-10/02-58	148051M	HF10GRMN1PG	305x305x78	E10	58	2.8	650	250	1.85
AE10-305x610x78-10/02-58	148052M	HF10GRMN1PG	305x610x78	E10	58	5.5	1300	250	3.5
AE10-457x457x78-10/02-58	148053M	HF10GRMN1PG	457x457x78	E10	58	6	1450	250	4.25
AE10-457x610x78-10/02-58	148054M	HF10GRMN1PG	457x610x78	E10	58	8	1950	250	6.5
AE10-610x610x78-10/02-58	148055M	HF10GRMN1PG	610x610x78	E10	58	10.5	2600	250	6.8
AE10-610x762x78-10/02-58	148056M	HF10GRMN1PG	610x762x78	E10	58	13	3250	250	8.5
AE10-610x915x78-10/02-58	148057M	HF10GRMN1PG	610x915x78	E10	58	15.5	3900	250	10
AE10-610x1220x78-10/02-58	148058M	HF10GRMN1PG	610x1220x78	E10	58	21	5200	250	12.5
AE11-305x305x78-10/02-58	148059M	HF11GRMN1PG	305x305x78	E11	58	2.8	600	250	1.85
AE11-305x610x78-10/02-58	148060M	HF11GRMN1PG	305x610x78	E11	58	5.5	1200	250	3.5
AE11-457x457x78-10/02-58	148061M	HF11GRMN1PG	457x457x78	E11	58	6	1350	250	4.25
AE11-457x610x78-10/02-58	148062M	HF11GRMN1PG	457x610x78	E11	58	8	1800	250	6.5
AE11-610x610x78-10/02-58	148063M	HF11GRMN1PG	610x610x78	E11	58	10.5	2400	250	6.8
AE11-610x762x78-10/02-58	148064M	HF11GRMN1PG	610x762x78	E11	58	13	3000	250	8.5
AE11-610x915x78-10/02-58	148065M	HF11GRMN1PG	610x915x78	E11	58	15.5	3600	250	10
AE11-610x1220x78-10/02-58	148066M	HF11GRMN1PG	610x1220x78	E11	58	21	4800	250	12.5
AE12-305x305x78-10/02-58	148067M	HF12GRMN1PG	305x305x78	E12	58	2.8	350	250	1.85
AE12-305x610x78-10/02-58	148068M	HF12GRMN1PG	305x610x78	E12	58	5.5	700	250	3.5
AE12-457x457x78-10/02-58	148069M	HF12GRMN1PG	457x457x78	E12	58	6	790	250	4.25
AE12-457x610x78-10/02-58	148070M	HF12GRMN1PG	457x610x78	E12	58	8	1050	250	6.5
AE12-610x610x78-10/02-58	148071M	HF12GRMN1PG	610x610x78	E12	58	10.5	1400	250	6.8
AE12-610x762x78-10/02-58	148072M	HF12GRMN1PG	610x762x78	E12	58	13	1750	250	8.5
AE12-610x915x78-10/02-58	148073M	HF12GRMN1PG	610x915x78	E12	58	15.5	2100	250	10
AE12-610x1220x78-10/02-58	148074M	HF12GRMN1PG	610x1220x78	E12	58	21	2800	250	12.5

Other Options:

Frame: Aluminum, SS304, SS316

Media: High Heat (Max.120°C)

Flange Type: Without, 25mm Single, 25mm Double, 20mm Single, 20mm Double, Custom Size

Surface Grid: Without, Air Outlet, Both side

Gasket type: Without gasket, Rubber, EPDM, High heat.

Gasket direction: No, Air Outlet, Both side

Hygiene certification: HEPA FILTER | VDI 6022 Blatt 1:2018, DIN 1946-4:2018, ISO 846:2019 Plastics, BS EN 17141:2020.

Food contact Conformity: HEPA Filter (available on request) | (EC) No 1935/2004, (EC) No 2002/72, (EU) No 10/2011, (EU) No 2020/1245, U.S. FDA-Determining the Regulatory Status of Components of a Food Contact Material.

Other dimensions on demand
Pressure drop $\pm$ 15%
Deep pleat
High air flow
Low pressure drop

MADE IN TURKEY

Manufacturer: MGT