

HEPAFIL-78-MRM

Turbulent Flow Absolute Filters



HF12MRM1PG-24,02-24,02-3,07

APPLICATIONS

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

FILTER CODE STRUCTURE

Filter Type **HF** HEPAFIL-78

Filter Class EN 1822 **12** E12

Filter Frame **M** Wooden

Filter Media **R** Glass Fiber & Hot Melt

Filter Panel Depth **M** 2,28 inch

Filter Surface Grid **1** Face Grids Air Outlet

Filter Gasket Type **P** Polyurethane

Filter Gasket Direction **G** Air Inlet

Filter Size 24,02-24,02-3,07

TECHNICAL SPECIFICATIONS

Filter Class ASHRAE 52.2 @0,3μ
MERV 16 95 99,5

Av. Efficiency ≥ 85% ≥95% ≥99,5%

Max. Working Temperature 176 °F

Relative Humidity 100%

Final Pressure Drop 2,41 w.g.

Filter Stage III

Recommended final pressure drop ≤ 2,41 w.g.

Maximum final pressure drop ≤ 4,01 w.g.

HEPAFIL-78-MRM Series Technical Data

Filter Code	Size W x H x D	Filter Class ASHRAE 52.2	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HF10MRM1PG	12,01-12,01-3,07	MERV 16	3,07	30,14	382	1,00	4,08
HF10MRM1PG	12,01-24,02-3,07	MERV 16	3,07	59,20	765	1,00	7,72
HF10MRM1PG	17,95-17,95-3,07	MERV 16	3,07	64,58	853	1,00	9,37
HF10MRM1PG	17,95-24,02-3,07	MERV 16	3,07	86,11	1147	1,00	14,33
HF10MRM1PG	24,02-24,02-3,07	MERV 16	3,07	113,02	1530	1,00	14,99
HF10MRM1PG	24,02-30,00-3,07	MERV 16	3,07	139,93	1912	1,00	18,74
HF10MRM1PG	24,02-36,02-3,07	MERV 16	3,07	166,84	2295	1,00	22,05
HF10MRM1PG	2402-48,03-3,07	MERV 16	3,07	226,04	3060	1,00	27,56
HF10MRM1PG	30,00-30,00-3,07	MERV 16	3,07	177,60	2354	1,00	22,05
HF10MRM1PG	30,00-36,02-3,07	MERV 16	3,07	215,28	2854	1,00	23,15
HF10MRM1PG	36,02-36,02-3,07	MERV 16	3,07	258,33	3443	1,00	25,35

Filter Code	Size W x H x D	Efficiency % %@0,3µ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HF11MRM1PG	12,01-12,01-3,07	95	3,07	30,14	353	1,00	4,08
HF11MRM1PG	12,01-24,02-3,07	95	3,07	59,20	706	1,00	7,72
HF11MRM1PG	17,95-17,95-3,07	95	3,07	64,58	794	1,00	9,37
HF11MRM1PG	17,95-24,02-3,07	95	3,07	86,11	1059	1,00	14,33
HF11MRM1PG	24,02-24,02-3,07	95	3,07	113,02	1412	1,00	14,99
HF11MRM1PG	24,02-30,00-3,07	95	3,07	139,93	1765	1,00	18,74
HF11MRM1PG	24,02-36,02-3,07	95	3,07	166,84	2118	1,00	22,05
HF11MRM1PG	2402-48,03-3,07	95	3,07	226,04	2825	1,00	27,56
HF11MRM1PG	30,00-30,00-3,07	95	3,07	177,60	2207	1,00	22,05
HF11MRM1PG	30,00-36,02-3,07	95	3,07	215,28	2648	1,00	23,15
HF11MRM1PG	36,02-36,02-3,07	95	3,07	258,33	3178	1,00	25,35

Filter Code	Size W x H x D	Efficiency % %@0,3µ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HF12MRM1PG	12,01-12,01-3,07	99,5	3,07	30,14	206	1,00	4,08
HF12MRM1PG	12,01-24,02-3,07	99,5	3,07	59,20	412	1,00	7,72
HF12MRM1PG	17,95-17,95-3,07	99,5	3,07	64,58	464	1,00	9,37
HF12MRM1PG	17,95-24,02-3,07	99,5	3,07	86,11	618	1,00	14,33
HF12MRM1PG	24,02-24,02-3,07	99,5	3,07	113,02	824	1,00	14,99
HF12MRM1PG	24,02-30,00-3,07	99,5	3,07	139,93	1030	1,00	18,74
HF12MRM1PG	24,02-36,02-3,07	99,5	3,07	166,84	1236	1,00	22,05
HF12MRM1PG	2402-48,03-3,07	99,5	3,07	226,04	1648	1,00	27,56
HF12MRM1PG	30,00-30,00-3,07	99,5	3,07	177,60	1265	1,00	22,05
HF12MRM1PG	30,00-36,02-3,07	99,5	3,07	215,28	1530	1,00	23,15
HF12MRM1PG	36,02-36,02-3,07	99,5	3,07	258,33	1854	1,00	25,35

HEPAFIL-78-MRM

Turbulent Flow Absolute Filters



HF13MRM1PG-24,02-24,02-3,07

APPLICATIONS

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

FILTER CODE STRUCTURE

Filter Type **HF HEPAFIL-78**

Filter Class EN 1822 **13** E13

Filter Frame **M** Wooden

Filter Media **R** Glass Fiber & Hot Melt

Filter Panel Depth **M** 2,28 inch

Filter Surface Grid **1** Face Grids Air Outlet

Filter Gasket Type **P** Polyurethane

Filter Gasket Direction **G** Air Inlet

Filter Size 24,02-24,02-3,07

TECHNICAL SPECIFICATIONS

Filter Class @0,3μ
99,95 99,995

Av. Efficiency ≥ 99.95% ≥99.995%

Max.Working Temperature 176 °F

Relative Humidity 100%

Final Pressure Drop 2,41 w.g.

Filter Stage III

Recommended final pressure drop ≤ 2,41 w.g.

Maximum final pressure drop ≤ 4,01 w.g.

HEPAFIL-78-MRM Series Technical Data

Filter Code	Size W x H x D	Efficiency % %@0,3 μ	Filter Depth inch	Filter Area ft ²	Air Flow cfm	In. Pressure D. w.g.	Weight lbs
HF13MRM1PG	12,01-12,01-3,07	99,95	3,07	30,14	176	1,00	4,08
HF13MRM1PG	12,01-24,02-3,07	99,95	3,07	59,20	353	1,00	7,72
HF13MRM1PG	17,95-17,95-3,07	99,95	3,07	64,58	394	1,00	9,37
HF13MRM1PG	17,95-24,02-3,07	99,95	3,07	86,11	529	1,00	14,33
HF13MRM1PG	24,02-24,02-3,07	99,95	3,07	113,02	706	1,00	14,99
HF13MRM1PG	24,02-30,00-3,07	99,95	3,07	139,93	882	1,00	18,74
HF13MRM1PG	24,02-36,02-3,07	99,95	3,07	166,84	1059	1,00	22,05
HF13MRM1PG	24,02-48,03-3,07	99,95	3,07	226,04	1383	1,00	27,56
HF13MRM1PG	30,00-30,00-3,07	99,95	3,07	177,60	1088	1,00	22,05
HF13MRM1PG	30,00-36,02-3,07	99,95	3,07	215,28	1353	1,00	23,15
HF13MRM1PG	36,02-36,02-3,07	99,95	3,07	258,33	1618	1,00	25,35

Filter Code	Size W x H x D	Efficiency % %@0,3 μ	Filter Depth inch	Filter Area ft ²	Air Flow m ³ /h	In. Pressure D. w.g.	Weight lbs
HF14MRM1PG	12,01-12,01-3,07	99,995	3,07	30,14	161	1,00	4,08
HF14MRM1PG	12,01-24,02-3,07	99,995	3,07	59,20	323	1,00	7,72
HF14MRM1PG	17,95-17,95-3,07	99,995	3,07	64,58	353	1,00	9,37
HF14MRM1PG	17,95-24,02-3,07	99,995	3,07	86,11	470	1,00	14,33
HF14MRM1PG	24,02-24,02-3,07	99,995	3,07	113,02	647	1,00	14,99
HF14MRM1PG	24,02-30,00-3,07	99,995	3,07	139,93	794	1,00	18,74
HF14MRM1PG	24,02-36,02-3,07	99,995	3,07	166,84	971	1,00	22,05
HF14MRM1PG	24,02-48,03-3,07	99,995	3,07	226,04	1265	1,00	27,56
HF14MRM1PG	30,00-30,00-3,07	99,995	3,07	177,60	1000	1,00	22,05
HF14MRM1PG	30,00-36,02-3,07	99,995	3,07	215,28	1206	1,00	23,15
HF14MRM1PG	36,02-36,02-3,07	99,995	3,07	258,33	1442	1,00	25,35