

Technical Specification (MIT)

No.	Image	Specification	Dimension	Efficiency	Average Efficiency	Average Arrestance	Nominal airflow (m ³ /h)	I.N.P (Pa)	F.N.P (Pa)	Filter Media Area (m ²)	Filter Media Area
1		MERV 7 (G4) Primary Filter Composite material metal support 600g Paper Frame	20*16*2" (495*395*46mm)	MERV 7	25-35%	≥92%	1,850	43	250	0.912	4.6 sq.ft/sq.ft
2			24*16*2" (595*395*45mm)	MERV 7	25-35%	≥92%	2,250	43	250	1.102	4.6 sq.ft/sq.ft
3			16*20*2" (395*495*46mm)	MERV 7	25-35%	≥92%	1,850	43	250	0.904	4.6 sq.ft/sq.ft
4			12*24*2" (295*595*46mm)	MERV 7	25-35%	≥92%	1,700	43	250	0.858	4.6 sq.ft/sq.ft
5			24*16*2" (595*395*45mm)	MERV 7	25-35%	≥92%	2,250	69	250	1.087	4.6 sq.ft/sq.ft
6			24*24*2" (595*595*46mm)	MERV 7	25-35%	≥92%	3,400	43	250	1.659	4.6 sq.ft/sq.ft
7		MERV 7 (G4) Carbon pleated filters 600g Paper Frame	595*595*46mm	MERV 7	25-35%	≥92%	3,400	81	250	1.659	4.6 sq.ft/sq.ft
8		Activated carbon material with metal support	289*594*46mm	MERV 7	25-35%	≥92%	1,700	81	250	0.8	4.6 sq.ft/sq.ft
9		MERV 14 (F8) Mini pleat Filter Galvanized frame Glass fiber material 2* Faceguard, Whiout Gasket	12*24*2" (295*595*46mm)	MERV 14	90-95%	≥99%	1,700	150	350	2.9	
10			24*24*2" (595*595*46mm)	MERV 14	90-95%	≥99%	3,400	150	350	5.84	
11		MERV 14 (F8) Synthetic Pocket Filter Galvanized frame 21mm Synthetic materials	16*20*15"-5P (392*492*381mm)	MERV 14	90-95%	≥99%	1,850	80	350	2.344	
12			12*24*12"-4P (292*592*300mm)	MERV 14	90-95%	≥99%	1,700	85	350	1.792	
13			24*24*12"-8P (592*592*300mm)	MERV 14	90-95%	≥99%	3,400	85	350	3.584	
14			12*24*15"-4P (292*592*381mm)	MERV 14	90-95%	≥99%	1,700	80	350	2.202	
15			16*24*15"-4P (392*592*381mm)	MERV 14	90-95%	≥99%	2,250	90	350	2.88	
16			16*24*15"-5P (392*592*381mm)	MERV 14	90-95%	≥99%	2,250	80	350	2.77	
17			24*24*15"-6P (592*592*381mm)	MERV 14	90-95%	≥99%	3,400	90	350	3.43	
18			24*24*15"-8P (592*592*381mm)	MERV 14	90-95%	≥99%	3,400	80	350	4.40	
19			12*24*22"-3P (292*592*560mm)	MERV 14	90-95%	≥99%	1,700	75	350	2.43	
20			24*24*22"-6P (592*592*560mm)	MERV 14	90-95%	≥99%	3,400	75	350	4.868	
21		MERV 14 (F8) C-cell minipleat. Galvanized frame Glass fiber material 2* Faceguard, Whiout Gasket	595*595*95mm	MERV 14	90-95%	≥99%	3,400	110	350	14.901	
22			289*595*95mm	MERV 14	90-95%	≥99%	1,700	110	350	7.269	
23		MERV 14 (F8) V-Cell Filter ABS Plasti Frame Glass fiber material Whiout Gasket	12*24*12" (287*592*292mm)	MERV 14	90-95%	≥99%	2,000	120	350	18.81	
24			24*24*12" (592*592*292mm)	MERV 14	90-95%	≥99%	3,600	120	350	9.46	
25			24*16*12" (592*392*292mm)	MERV 14	90-95%	≥99%	2,400	120	350	11.44	
26		MERV 15 (F9) V-Cell Filter Activated carbon material ABS Plasti Frame Whiout Gasket	12*24*12" (287*592*292mm)	MERV 15	95-98%	≥99%	1,700	95	350	5.39	
27			12*24*24" (292mm*592*592)	MERV 15	95-99%	≥99%	3,400	95	350	11.99	
28			24*16*12" (592*392*292mm)	MERV 15	95-100%	≥99%	2,250	95	350	7.7	
29		Synthetic Washable Rolls (White) FORT-WRF-E80- 2MX20MX20MM	2m*20m*20mm	MERV 8	30-40%	≥88%	5,400.00	25.00	250.00	40.00	
30		Carbon Roll Filter Carbon content 225 (g/m ³)	2m*25m*12mm				3,400.00	38.00	250.00	50.00	

Notes on Technical Compliance:

- All performance parameters (Average Efficiency & Arrestance) listed above are based on standard ASHRAE 52.1/52.2 correlation data for evaluation purposes.
- Actual performance values may vary within standard manufacturing and laboratory testing tolerances of ±10%.
- Product compliance is fundamentally certified and guaranteed by the designated MERV ratings (MERV 7 / 14 / 15) as per the latest international standards.