

ENDUREX

MERV 10 Standard & High-Capacity Pleat

Industrial and commercial grade MERV 10 pleated filter helps protect HVAC equipment from airborne particles that can clog coils and reduce temperature transfer efficiency with very little resistance to airflow.



BENEFITS



Protects coils and ductwork from buildup



Reduce PM10 particulate by 50%



Low Resistance to airflow

APPLICATIONS

- HVAC Systems
- Mechanical Ventilation
- Fan Walls
- Outdoor Air
- Fresh Air Intake
- Mix Air
- Recirculating Small Package Units
- Large Package Units

WHY MERV 10

Endurex® MERV 10 provides elevated fine particulate efficiency compared to industry standard MERV 8 filters, better protecting occupants and HVAC equipment.

US AQI Efficiency		PM1 _{52.2}	PM2.5 _{52.2}	PM10 _{52.2}
Particles		MERV 16	98	98
	PM1	MERV 15	90	91
	PM2.5	MERV 14	80	85
	PM10	MERV 13	63	75
Gases		MERV 12	43	63
		MERV 11	28	50
	NO2	MERV 10	15	36
	O3			
	SO2	MERV 9	8	25
	CO	MERV 8	5	16



Tested via ASHRAE Test Standard
52.2-2017



PRODUCT DATA

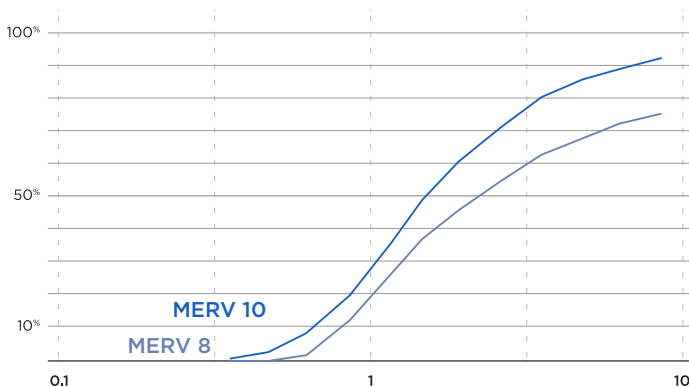
Part Number		Nominal Size	Actual Size	CFM Capabilities	
MERV 10SC	MERV 10HC	H"xW"xD"	H"xW"xD"	300 fpm	375 fpm
REX10S1010112	REX10H1010116	10x10x1	9.50 x 9.50 x 0.75	208	260
REX10S1020112	REX10H1020116	10x20x1	9.50 x 19.50 x 0.75	417	521
REX10S1024112	REX10H1024116	10x24x1	9.50 x 23.50 x 0.75	500	625
REX10S1025112	REX10H1025116	10x25x1	9.50 x 24.50 x 0.75	521	651
REX10S1030112	REX10H1030116	10x30x1	9.50 x 29.5 x 0.75	625	781
REX10S1212112	REX10H1212116	12x12x1	11.50 x 11.50 x 0.75	300	375
REX10S1216112	REX10H1216116	12x16x1	11.75 x 15.75 x 0.75	400	500
REX10S1218112	REX10H1218116	12x18x1	11.50 x 17.50 x 0.75	450	563
REX10S1220112	REX10H1220116	12x20x1	11.50 x 19.50 x 0.75	500	625
REX10S1224112	REX10H1224116	12x24x1	11.50 x 23.50 x 0.75	600	750
REX10S1225112	REX10H1225116	12x25x1	11.50 x 24.50 x 0.75	625	781
REX10S1230112	REX10H1230116	12x30x1	11.88 x 29.88 x 0.75	750	938
REX10S1414112	REX10H1414116	14x14x1	13.50 x 13.50 x 0.75	408	510
REX10S1420112	REX10H1420116	14x20x1	13.50 x 19.50 x 0.75	583	729
REX10S1422112	REX10H1422116	14x22x1	13.50 x 21.50 x 0.75	642	802
REX10S1424112	REX10H1424116	14x24x1	13.50 x 23.50 x 0.75	700	875
REX10S1425112	REX10H1425116	14x25x1	13.50 x 24.50 x 0.75	729	911
REX10S1430112	REX10H1430116	14x30x1	13.88 x 29.88 x 0.75	875	1094
REX10S1520112	REX10H1520116	15x20x1	14.50 x 19.50 x 0.75	625	781
REX10S1525112	REX10H1525116	15x25x1	14.50 x 24.50 x 0.75	781	977
REX10S1530112	REX10H1530116	15x30x1	14.75 x 29.75 x 0.75	938	1172
REX10S1616112	REX10H1616116	16x16x1	15.50 x 15.50 x 0.75	533	667
REX10S1620112	REX10H1620116	16x20x1	15.50 x 19.50 x 0.75	667	833
REX10S1624112	REX10H1624116	16x24x1	15.50 x 23.50 x 0.75	800	1000
REX10S1625112	REX10H1625116	16x25x1	15.50 x 24.50 x 0.75	833	1042
REX10S1630112	REX10H1630116	16x30x1	15.50 x 29.50 x 0.75	1000	1250
REX10S1818112	REX10H1818116	18x18x1	17.50 x 17.50 x 0.75	675	844
REX10S1820112	REX10H1820116	18x20x1	17.50 x 19.50 x 0.75	750	938
REX10S1824112	REX10H1824116	18x24x1	17.50 x 23.50 x 0.75	900	1125
REX10S1825112	REX10H1825116	18x25x1	17.50 x 24.50 x 0.75	938	1172
REX10S2020112	REX10H2020116	20x20x1	19.50 x 19.50 x 0.75	833	1042
REX10S2022112	REX10H2022116	20x22x1	19.50 x 21.50 x 0.75	917	1146
REX10S2024112	REX10H2024116	20x24x1	19.50 x 23.50 x 0.75	1000	1250
REX10S2025112	REX10H2025116	20x25x1	19.50 x 24.50 x 0.75	1042	1302
REX10S2030112	REX10H2030116	20x30x1	19.75 x 29.75 x 0.75	1250	1563
REX10S2036112	REX10H2036116	20x36x1	19.75 x 35.75 x 0.75	1500	1875
REX10S2222112	REX10H2222116	22x22x1	21.50 x 21.50 x 0.75	1008	1260
REX10S2424112	REX10H2424116	24x24x1	23.38 x 23.38 x 0.75	1200	1500
REX10S2430112	REX10H2430116	24x30x1	23.50 x 29.50 x 0.75	1500	1875
REX10S2525112	REX10H2525116	25x25x1	24.50 x 24.50 x 0.75	1302	1628

Part Number		Nominal Size	Actual Size	CFM Capabilities	
MERV 10SC	MERV 10HC	H"xW"xD"	H"xW"xD"	375 fpm	500 fpm
REX10S1010210	REX10H1010215	10x10x2	9.50 x 9.50 x 1.75	260	347
REX10S1020210	REX10H1020215	10x20x2	9.50 x 19.50 x 1.75	521	694
REX10S1212210	REX10H1212215	12x12x2	11.38 x 11.38 x 1.75	375	500
REX10S1220210	REX10H1220215	12x20x2	11.50 x 19.50 x 1.75	625	833
REX10S1224210	REX10H1224215	12x24x2	11.38 x 23.38 x 1.75	750	1000
REX10S1420210	REX10H1420215	14x20x2	13.50 x 19.50 x 1.75	729	972
REX10S1425210	REX10H1425215	14x25x2	13.50 x 24.50 x 1.75	911	1215
REX10S1520210	REX10H1520215	15x20x2	14.50 x 19.50 x 1.75	781	1042
REX10S1616210	REX10H1616215	16x16x2	15.50 x 15.50 x 1.75	667	889
REX10S1620210	REX10H1620215	16x20x2	15.50 x 19.50 x 1.75	833	1111
REX10S1624210	REX10H1624215	16x24x2	15.38 x 23.38 x 1.75	1000	1333
REX10S1625210	REX10H1625215	16x25x2	15.50 x 24.50 x 1.75	1042	1389
REX10S1630210	REX10H1630215	16x30x2	15.50 x 29.50 x 1.75	1250	1667
REX10S1818210	REX10H1818215	18x18x2	17.50 x 17.50 x 1.75	844	1125
REX10S1820210	REX10H1820215	18x20x2	17.50 x 19.50 x 1.75	938	1250
REX10S1822210	REX10H1822215	18x22x2	17.50 x 21.50 x 1.75	1031	1375
REX10S1824210	REX10H1824215	18x24x2	17.38 x 23.38 x 1.75	1125	1500
REX10S1825210	REX10H1825215	18x25x2	17.50 x 24.50 x 1.75	1172	1563
REX10S2020210	REX10H2020215	20x20x2	19.50 x 19.50 x 1.75	1042	1389
REX10S2024210	REX10H2024215	20x24x2	19.38 x 23.38 x 1.75	1250	1667
REX10S2025210	REX10H2025215	20x25x2	19.50 x 24.50 x 1.75	1302	1736
REX10S2030210	REX10H2030215	20x30x2	19.50 x 29.50 x 1.75	1563	2083
REX10S2424210	REX10H2424215	24x24x2	23.38 x 23.38 x 1.75	1500	2000
REX10S2525210	REX10H2525215	25x25x2	24.50 x 24.50 x 1.75	1628	2170

Part Number		Nominal Size	Actual Size	CFM Capabilities	
MERV 10SC	MERV 10HC	H"xW"xD"	H"xW"xD"	500 fpm	625 fpm
REX10S1224409	REX10H1224411	12x24x4	11.38 x 23.38 x 3.75	1000	1250
REX10S1616409	REX10H1616411	16x16x4	15.50 x 15.50 x 3.75	889	1111
REX10S1620409	REX10H1620411	16x20x4	15.50 x 19.50 x 3.75	1111	1389
REX10S1624409	REX10H1624411	16x24x4	15.50 x 23.50 x 3.75	1333	1667
REX10S1625409	REX10H1625411	16x25x4	15.50 x 24.50 x 3.75	1389	1736
REX10S1824409	REX10H1824411	18x24x4	17.38 x 23.38 x 3.75	1500	1875
REX10S2020409	REX10H2020411	20x20x4	19.50 x 19.50 x 3.75	1389	1736
REX10S2024409	REX10H2024411	20x24x4	19.38 x 23.38 x 3.75	1667	2083
REX10S2025409	REX10H2025411	20x25x4	19.50 x 24.50 x 3.75	1736	2170
REX10S2424409	REX10H2424411	24x24x4	23.38 x 23.38 x 3.75	2000	2500

REMOVAL EFFICIENCY

Particle size in micrometers



PERFORMANCE EFFICIENCY

	PM1 _{52.2}	PM2.5 _{52.2}	PM10 _{52.2}
MERV 10	15%	36%	52%

Initial Resistance (in. WG.)						Final Resistance
Capacity	Filter Depth	300 fpm	375 fpm	500 fpm	625 fpm	
Standard MERV 10	1"	0.18	0.21	-	-	1.0
	2"	-	-	0.26	0.36	1.0
	4"	-	-	0.18	0.26	1.0
High MERV 10	1"	0.16	0.19	-	-	1.0
	2"	-	-	0.19	0.27	1.0
	4"	-	-	0.17	0.24	1.0

RESISTANCE

in W.C.

