

PERFORMANCE DATA | CEILING UNIT | 24"x24" UNIT

HEPA FILTER*, 120VAC			
SETPOINT	CFM	WATTS	RPM
100%	505	192	2090
90%	428	148	1881
80%	355	101	1672
70%	278	69	1463
60%	205	50	1254
50%	138	33	1045
40%	85	22	836
30%	40	15	627
20%	15	11	418

PERFORMANCE DATA | MOBILE UNIT | 48"x24" UNIT

HEPA FILTER*, 120VAC			
SETPOINT	CFM	WATTS	RPM
100%	930	237	2090
90%	806	174	1881
80%	672	120	1672
70%	545	81	1463
60%	415	50	1254
50%	292	32	1045
40%	183	17	836
30%	104	12	627
20%	34	8	418

PERFORMANCE DATA | CEILING UNIT | 48"x24" UNIT

HEPA FILTER*, 208-277VAC			
SETPOINT	CFM	WATTS	RPM
100%	1125	365	2450
90%	1004	274	2205
80%	848	195	1960
70%	708	127	1715
60%	545	81	1470
50%	395	48	1225
40%	260	26	980
30%	141	14	735
20%	56	8	490

12" ROUND DISCHARGE ADAPTER, HEPA FILTER*, 208-277VAC			
SETPOINT	CFM	WATTS	RPM
100%	950	345	2450
90%	850	262	2205
80%	729	184	1960
70%	590	122	1715
60%	454	76	1470
50%	334	43	1225
40%	237	25	980
30%	134	14	735
20%	55	8	490

HEPA FILTER*, 120VAC			
SETPOINT	CFM	WATTS	RPM
100%	930	237	2090
90%	806	174	1881
80%	672	120	1672
70%	545	81	1463
60%	415	50	1254
50%	292	32	1045
40%	183	17	836
30%	104	12	627
20%	34	8	418

12" ROUND DISCHARGE ADAPTER, HEPA FILTER*, 120VAC			
SETPOINT	CFM	WATTS	RPM
100%	785	218	2090
90%	687	164	1881
80%	563	110	1672
70%	454	76	1463
60%	350	46	1254
50%	272	30	1045
40%	174	17	836
30%	98	12	627
20%	34	8	418

NOTES: Data was derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. * Data is for diffusers with clean filters. Filters may be operated up to a final resistance of 2" w.g. (500 Pa).

RFCRFF-E-ARSM

Fan Filter Unit, Reverse Flow



SOUND DATA | 48"x24" UNIT

DATA COLLECTED AT 277VAC														
BACKWARD INCLINED FAN UNIT							OCTAVE BAND FREQUENCY							
VELOCITY	DISTANCE FROM FACE	Hz	dBA	COMMAND VDC	LAEQ	NC	1	2	3	4	5	6	7	8
70	30"	500	57.48	5.7	57.48	55	58	61	54	58	52	47	37	23
80	30"	500	58.81	5.8	58.81	57	62	63	55	59	53	49	39	24
90	30"	500	60.73	6.1	60.73	59	58	62	58	61	55	51	41	27
100	30"	500	61.8	6.3	61.8	60	65	62	58	62	56	52	43	31
110	30"	500	62.98	6.5	62.98	60	60	66	60	63	58	53	45	31

CRITICAL ENVIRONMENT | FAN FILTER UNITS

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