

Performance Data

Supply

Unit Size	Filter	Motor - Fan	Active Filter Area (sq. ft.)	Max CFM	Watts at Max CFM	CFM at 90 FPM	Watts at 90 FPM	Sound (dBA) at 90 FPM	Weight (lbs.)
24 in. x 48 in.	BTR	ECM - BC	6.9	960	220	625	80	56	68
		ECM - FC	6.9	830	210	625	110	53	66
		PSC - BC	6.9	770	210	625	150	55	68
		PSC - FC	6.9	770	350	625	280	53	66
	RSR	ECM - BC	5.3	750	130	480	55	51	76
		ECM - FC	5.3	750	220	480	80	50	74
		PSC - BC	5.3	750	210	480	150	49	76
		PSC - FC	5.3	750	350	480	235	49	74
24 in. x 36 in.	BTR	ECM - BC	5.1	690	150	460	60	54	56
		ECM - FC	5.1	690	190	460	75	49	54
		PSC - BC	5.1	690	210	460	150	54	56
		PSC - FC	5.1	690	340	460	230	51	54
	RSR	ECM - BC	3.8	540	120	345	55	49	64
		ECM - FC	3.8	540	190	345	70	50	62
		PSC - BC	3.8	540	210	345	145	48	64
		PSC - FC	3.8	540	300	345	180	50	62
24 in. x 24 in.	BTR	ECM - FC	3.3	440	150	300	65	48	45
		PSC - FC	3.3	440	240	300	155	48	45
	RSR	ECM - FC	2.3	300	140	210	60	46	53
		PSC - FC	2.3	300	200	210	120	46	53

Integrated Lighting

Unit Size	Filter	Motor - Fan	Active Filter Area (sq. ft.)	Max cfm	Watts at Max cfm	cfm at 90 fpm	Watts at 90 fpm	Sound (dBA) at 90 fpm	Weight (lbs.)
24 in. x 48 in.	RSR	ECM - BC	5.3	750	165	480	65	54	106
		ECM - FC	5.3	750	230	480	80	50	104
ECM - BC		3.8	540	130	345	55	53	96	
ECM - FC		3.8	540	170	345	65	50	94	
24 in. x 24 in.		ECM - FC	2.3	300	140	210	70	46	74

Performance Notes:

- Units are tested in accordance with IEST RP-CC002.2, Recommended Practice for Unidirectional Flow Clean-Air Devices.
- Sound levels were measured with unit installed in a T-Bar ceiling, with gasket, in a standard room. Sound levels in dBA were measured at a distance of 30 inches from the filter face, with the unit set to produce 90 fpm average face velocity. (Note that data is for a clean filter only. If fan speed is increased to compensate for filter loading the noise level will increase.)
- For electrical circuit sizing, consult the "max amps" shown on the submittal for each product configuration and voltage.
- All data is based on a unit with a clean HEPA filter.
- 90 fpm values are based on active filter area.
- Heat Gain: BTUH = Watts x 3.413

Reverse Flow

Unit Size	Filter	Motor - Fan	Active Filter Area (sq. ft.)	Max CFM	Watts at Max CFM	CFM at 90 FPM	Watts at 90 FPM	Sound (dBA) at 90 FPM	Weight (lbs.)
24 in. x 48 in.	RSR	ECM - FC	5.3	750	140	480	60	52	74
		PSC - FC	5.3	750	210	480	120	50	74
ECM - FC		2.3	300	225	210	85	53	58	
PSC - FC		2.3	300	434	210	308	59	58	

Performance Notes:

- Units are tested in accordance with IEST RP-CC002.2, Recommended Practice for Unidirectional Flow Clean-Air Devices.
- Sound levels were measured with unit installed in a T-Bar ceiling, with gasket, in a standard room. Sound levels in dBA were measured at a distance of 30 inches from the filter face, with the unit set to produce 90 fpm average face velocity. (Note that data is for a clean filter only. If fan speed is increased to compensate for filter loading the noise level will increase.)
- For electrical circuit sizing, consult the "max amps" shown on the submittal for each product configuration and voltage.
- All data is based on a unit with a clean HEPA filter.
- 90 fpm values are based on active filter area.
- Heat Gain: BTUH = Watts x 3.413