

PERFORMANCE DATA - METRIC

Supply

Unit Size (mm)	Filter	Motor - Fan	Active Filter Area (m ²)	Max L/s	Watts at Max L/s	L/s at 0.46 m/s	Watts at 0.46 m/s	Sound (dBA) at 0.46 m/s	Weight (kg)
600 x 1200	RSR	ECM - BC	0.49	354	140	227	60	53	34
		ECM - FC	0.49	354	210	227	80	52	34
		PSC - BC	0.49	354	215	227	160	54	34
		PSC - FC	0.49	354	395	227	295	52	34
600 x 900	RSR	ECM - BC	0.35	255	110	163	50	53	29
		ECM - FC	0.35	255	150	163	65	50	28
		PSC - BC	0.35	255	175	163	150	51	29
		PSC - FC	0.35	255	320	163	230	49	28
600 x 600	RSR	ECM - FC	0.21	142	125	99	65	48	24
		PSC - FC	0.21	142	180	99	125	52	24

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 760 mm from the filter face, with the unit set to produce 0.46 m/s 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 filter.
- 0.46 m/s values are based on active filter area.
- Heat Gain: BTUh = Watts x 3.413

Reverse Flow

Unit Size (mm)	Filter	Motor - Fan	Active Filter Area (m ²)	Max L/s	Watts at Max L/s	L/s at 0.46 m/s	Watts at 0.46 m/s	Sound (dBA) at 0.46 m/s	Weight (kg)
600 X 1200	RSR	ECM - BC	0.5	354	185	227	75	54	26
		ECM - FC	0.5	354	430	227	315	58	26
600 X 600		PSC - BC	0.2	142	120	99	65	50	34
		PSC - FC	0.2	142	185	99	130	52	34

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 760 mm from the filter face, with the unit set to produce 0.46 m/s 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 filter.
- 0.46 m/s values are based on active filter area.
- Heat Gain: BTUh = Watts x 3.413

Reverse Flow

Unit Size (mm)	Filter	Motor - Fan	Active Filter Area (m ²)	Max L/s	Watts at Max L/s	L/s at 0.30 m/s	Watts at 0.30 m/s	Sound (dBA) at 0.30 m/s	Weight (kg)
600 x 1200	RSR	ECM - FC	0.5	274	350	151	95	55	36
		PSC - FC	0.5	274	430	151	160	57	36

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 760 mm from the filter face, with the unit set to produce 0.30 m/s 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 filter.
- 0.30 m/s values are based on active filter area.
- Heat gain: BTUh = Watts x 3.413