

# PERFORMANCE DATA

## Supply

Unit Size (mm)	Filter	Motor - Fan	Active Filter Area (m <sup>2</sup> )	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	BTR	ECM - BC	0.64	453	220	295	80	56	31
		ECM - FC	0.64	387	210	295	110	53	30
		PSC - BC	0.64	363	210	295	150	55	31
		PSC - FC	0.64	354	350	295	280	53	30
	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	BTR	ECM - BC	0.47	326	150	217	60	54	25
		ECM - FC	0.47	326	190	217	75	49	24
		PSC - BC	0.47	326	210	217	150	54	25
		PSC - FC	0.47	326	340	217	230	51	24
	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	BTR	ECM - FC	0.31	208	150	142	65	48	20
		PSC - FC	0.31	208	240	142	155	48	20
	RSR	ECM - FC	0.21	156	125	99	65	48	24
		PSC - FC	0.21	156	180	99	125	52	24

## Integrated Lighting

Unit Size (mm)	Filter	Motor - Fan	Active Filter Area (m <sup>2</sup> )	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	165	227	65	54	48
		ECM - FC	0.49	354	230	227	80	50	47
ECM - BC		0.35	255	130	163	55	53	44	
ECM - FC		0.35	255	170	163	65	50	43	
600 x 900		ECM - FC	0.21	132	140	99	70	46	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.

## Reverse Flow

Unit Size (mm)	Filter	Motor - Fan	Active Filter Area (m <sup>2</sup> )	Max L/s	Watts at Max L/s	L/s at 0.46 m/s	Watts at 0.46 L/s	Sound (dBA) at 0.46 m/s	Weight (kg)
600 x 1200	RSR	ECM - FC	0.49	354	185	227	75	54	34
		PSC - FC	0.49	354	430	227	315	58	34
ECM - FC		0.21	142	120	99	65	50	26	
PSC - FC		0.21	142	185	99	130	52	26	

**Performance Notes:**

1. Units are tested in accordance with IEST RP-CC002.2, Recommended Practice for Unidirectional Flow Clean-Air Devices.
2. 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.)
3. For electrical circuit sizing, consult the "max amps" shown on the submittal for each product configuration and voltage.
4. All data is based on a unit with a clean filter.
5. 0.46 m/s values are based on active filter area.