

VHV 55 & 72

RECIRCULATION FAN

HIGH PERFORMANCE FANS WITH EC MOTOR

- Adjustable airflow deflectors optimize air throw distance and direction.
- SMC housing with smooth surfaces improves performance and reduces cleaning efforts.
- Thicker layer of U.V. protection on the outside surface for years of durability.
- Airflow design maximizes the efficiency.
- A variable motor drive and an energy-efficient EC motor provide smooth speed adjustment.
- Extremely quiet operation at all speeds.



TECHNICAL SPECIFICATIONS

- Weight: 55" (140 cm) at 85 kg (187 lbs) and 72" (183 cm) at 165 kg (363 lbs), fully assembled.
- EC fans - variable control and low energy consumption.
- Impeller diameter of VHV 55"=55" (1405 mm), VHV 72"=72" (1840 mm).
- 55" fan has max. speed of 600 RPM, 72" fan has max. speed of 400 RPM.
- CE certified.

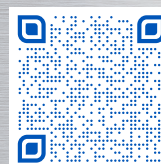
FEATURES

- Direct-drive motor with integrated variable drive unit. Controlled with 0-10V DC.
- Corrosion-resistant nylon blades with aluminum hub.
- 72" fan has six directional airflow deflectors, 55" fan has five airflow deflectors.
- Our high-efficiency motors are fully enclosed (IP65).
- Ensure fan mounting is above 2.7 meters from the ground.

Size	HP (kW)	Voltage	Max. current (Amp)	RPM	Hz	Power (W)	m ³ /h (CFM) 0" SP	W/1000 m ³ /hr (CFM/Watt)	Weight kg (lbs)	Speed
55" (140 cm)	1.5 (1.1 kW)	400V3	2.1	600	50/60	1 231	47 000 m ³ /h (27 700)	26.0 m ³ /h (22.5)	85 (187)	variable
72" (183 cm)	3 (2.2 kW)	400V3	3.2	400	50/60	1 892	80 100 m ³ /h (47 200)	24.0 m ³ /h (24.9)	165 (363)	variable



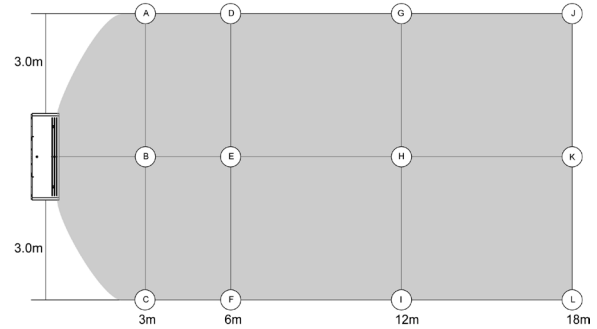
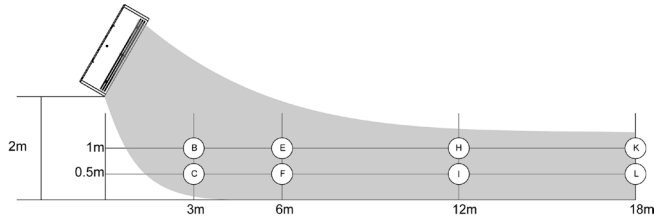
For more information
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TECHNICAL INFORMATION



VHV 55" 400V3 50/60 Hz
Measured air speed

(in m/s)	A	B	C	D	E	F	G	H	I	J	K	L
Side view		5.00	5.00		1.10	3.37		1.56	2.68		1.44	1.82
Top view 0.5 m	0.97	5.00	0.83	1.61	3.37	2.57	2.52	2.68	2.31	1.63	1.82	2.28
Top view 1.0 m	0.37	5.00	0.37	0.57	1.10	0.69	1.11	1.56	1.40	1.20	1.44	1.62

VHV 72" 400V3 50/60 Hz
Measured air speed

(in m/s)	A	B	C	D	E	F	G	H	I	J	K	L
Side view		5.00	5.00		0.93	3.39		1.36	2.54		1.32	1.72
Top view 0.5 m	1.04	5.00	1.20	2.44	3.39	2.54	2.65	2.54	4.53	1.52	1.72	2.55
Top view 1.0 m	0.61	5.00	0.50	0.77	0.93	0.65	1.45	1.36	2.84	1.35	1.32	1.63



For more information

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