



ALLVENT
Ventilation Products



HVLS Hyperblade Series

HIGH VOLUME, LOW SPEED

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REVERSIBLE

A new range of high volume, low speed ceiling fans, equipped with EC motors, granting very high performance, low consumption and low noise emissions. Most effective for large environments such as warehouses, fitness centres, airports etc.



Technical Data

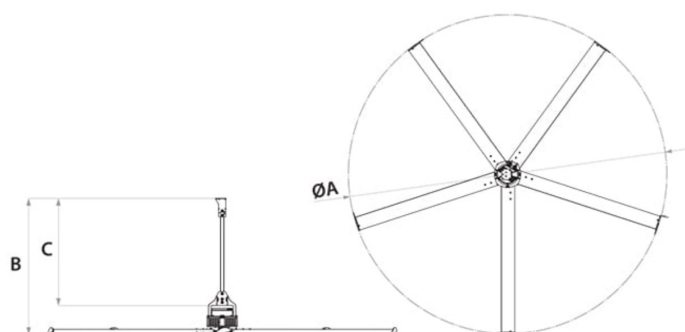
Model	Code	Ømm	V	W	Hz	A	m³/h	Kg
HVLS Hyper Blade 300/120" (M/T)	ALV61164 (M)	3000	240	410	50	1.7 - 5	61,400	76
	ALV61121 (T)	3000	415	500		0.9 - 1.8	66,200	76
HVLS Hyper Blade 400/160" (M/T)	ALV61165 (M)	4000	240	290		1.3 - 3.5	110,300	86
	ALV61122 (T)	4000	415	300		0.7 - 1.1	110,300	86
HVLS Hyper Blade 500/200" T	ALV61166	5000	415	730		1.2 - 1.9	205,000	126
HVLS Hyper Blade 600/240" T	ALV61167	6000	415	850		1.4 - 2.8	253,800	136
HVLS Hyper Blade 700/280" T	ALV61169	7000	415	790		1.3 - 2.5	330,800	156

Features

- ✓ High airflow (up to 330,800 m³/h)
- ✓ Single/Three phase EC brushless motors
- ✓ Wide range of operating temperatures (-10°C to +50°C)
- ✓ IP65 rated
- ✓ Width of the ventilated area corresponds to approximately 3 x the nominal fan diameter
- ✓ Suitable for industrial sheds, large stores, cattlesheds/stables, airports—anywhere requiring high-volume air movement

Dimensions

Model	ØA mm	B mm	C mm
HVLS Hyper Blade 300/120" (MIT)	2950	1995	1600
HVLS Hyper Blade 400/160" (MIT)	3950	1995	1600
HVLS Hyper Blade 500/200" T	4950	2015	1600
HVLS Hyper Blade 600/240" T	5950	2015	1600
HVLS Hyper Blade 700/280" T	6950	2015	1600





Installation

Bracket and rod supplied with the product.

EC Motors

Synchronous brush less type with permanent magnets (EC), integrate the relevant drivers and are designed to combine high performance, proportionally reduced consumption and wide speed regulation ranges. M models are characterised by single-phase power supply (100-240 V / 50-60 Hz), T models by three-phase (200-480 V / 50-60 Hz).

Blades

Made of anodized aluminium, they achieve high efficiency in downward operation and ensure particularly low sound emission levels thanks to the sophisticated NACA aerodynamic profile. Each one mounts a winglet to increase its aerodynamic efficiency, decreasing drag included by the tip vortices and containing the noise emissions.

Accessories

SUSPENSION TIE-ROD KIT - Optional kit including four tie-rods, designed to ensure a solid and safe installation. 3m extension rod for installation on high ceilings.

VORT-T - Wire-connected control unit, with LCD display capable to manage up to 20 units, VORT Tallows to automatically control the speed of the connected fans based on the readings of the temperature sensor and an optional anemometer, increasing or decreasing fan's speed according with the room temperature or, alternatively, based on the wind speed (for, useful for units installed in stables whose walls have wide outwards openings).

VA-10K-EC - Wall Mount 0-10v Manual Speed Controller.





Bringing Air to Life.

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