

2025



DESTRATIFICATION FANS

APPLICATION

High volume axial destratification fans for ceiling installation suitable to create a uniform indoor climate in commercial, industrial, livestock and greenhouse buildings.

COSTRUZIONE

B version:

- Casing made from galvanised steel. High efficiency one-phase EC brushless motors, 220/277Vac/50-60Hz, IP55, with integrated electronic system and EMC filters, speed controllable and suitable for S1 continuous service.
- Adjustable pitch aerofoil impellers are provided with blades made from high quality glass reinforced polypropylene.
- Hubs made of die-cast aluminium.
- Dynamically balanced impellers in accordance with ISO 14694 Grade G6.3.
- Conveyor made from technopolymer for ease of cleaning and not susceptible to corrosion.
- Motor side galvanised steel guard.
- Multidirectional diffuser epoxy powder coated, black colour.

FEATURES & BENEFITS

- Ideal to integrate the HVAC system, for energy saving and CO2 emission reduction.
- In winter months they are suitable to de-stratify the air pushing the warm air towards the floor level, so to even the temperature and to prevent the HVAC system to run as hard.
- No ordinary maintenance.
- Robust galvanised steel motor support structure for long life.
- Impellers are factory set at an angle to provide maximum performance.
- Eyebolt hooks to simplify hanging.

B version:

- Integrated EMC filters to prevent possible electromagnetic interference from other devices. Gearless and aerodynamic design for absolute silence. Fan suitable for operation at temperatures from -15°C to +40°C..
- Unit performances are tested to the latest AMCA standard meaning accurate information that can be relied upon.
- Designed and manufactured in accordance with Machinery Directive (MD), Low Voltage Directive (LVD), Electromagnetic Compatibility Directive (EMC).

ACCESSORIES

- Remote controllers.

Performances

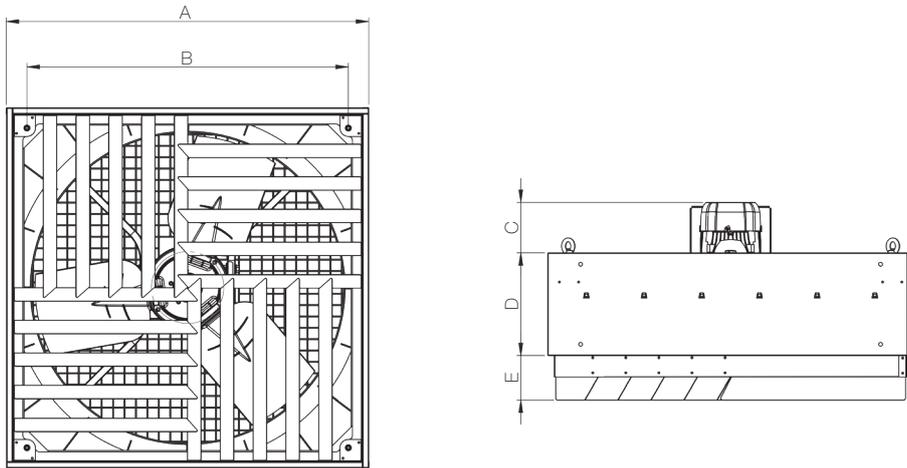
Description	Fan diameter	Max Rotation Speed	Max Electric power	Max Thrust	Max Air Flow AMCA 230-15			Max Air Flow AMCA 230-99		
					cfm	m ³ /h	SPI ⁽³⁾ W/(m ³ /s)	cfm	m ³ /h	SPI ⁽³⁾ W/(m ³ /s)
DHS900B ⁽¹⁾	800	1200	0,7	52	9889	16802	150,0	13986	23762	106,1

(1) Data @230Vac, 50 Hz

(2) Data @400Vac, 50 Hz

(3) Maximum power input / maximum flow rate

Dimensions (mm) and Weight (kg)



Description	A	B	C	D	E	Weight
DHS900B	951	843	161	270	116	55

Accessories

Description	Potentiometer		Control panel	
	Description	Code	Description	Code
DHS900B	CTRL-A	002049	CTRL-XWS	005324

CTRL-A



- Potentiometer with front knob to adjust the motor speed
- Provided with two-pole switch (ON/OFF)
- Front yellow led to indicate that the load is active
- Controls one fan only
- 230V~ 50/60Hz
- Supplied with IP55 wall surface box

CTRL-XWS



SV-10K

- To control the ventilation units according to temperature
- Operating mode:
Mode C: control of ventilation according to room temperature by means of 2 temperature probes (additional temperature probe on request) to manage winter destratification and summer comfort ventilation
- Regulation 0-10V
- 230Vac - 50/60Hz
- Can control up to 10 units
- IP65 wall-mounted casing
- Dimensions: 160x110x81 mm
- 1 temperature probe included