



CJBD-3939-6T 3

Code: 1009292



Magnelis sheet steel ventilation units with maximum corrosion resistance according to ISO 12944

Fan:

- CBD series double inlet fans.
- Category C5 anti-corrosive Magnelis sheet steel structure with thermal and acoustic insulation.
- Forward curved impeller in galvanised sheet steel.
- Glands for cable entry.

Motor:

- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

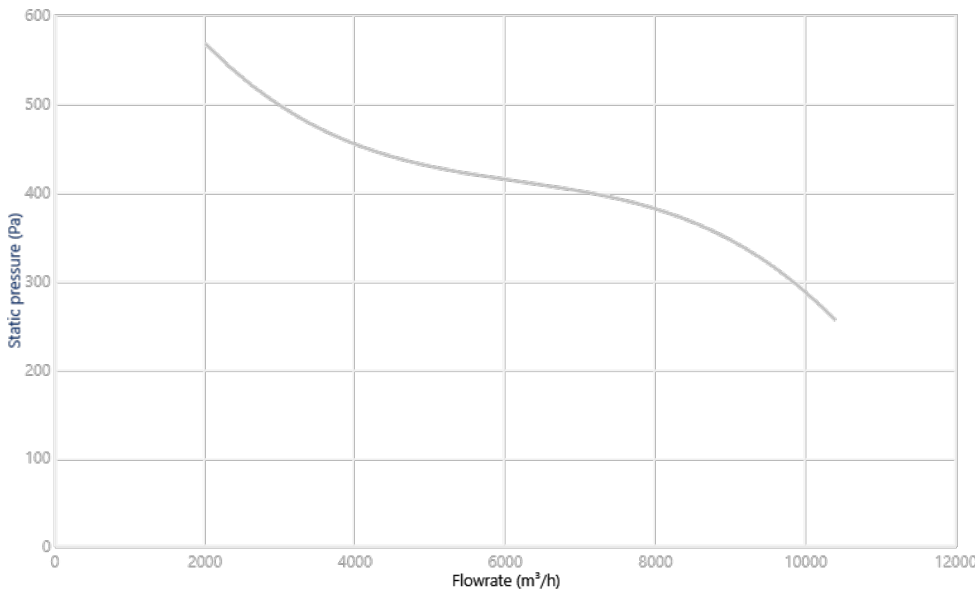
- Magnelis steel sheet.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³



Design Point

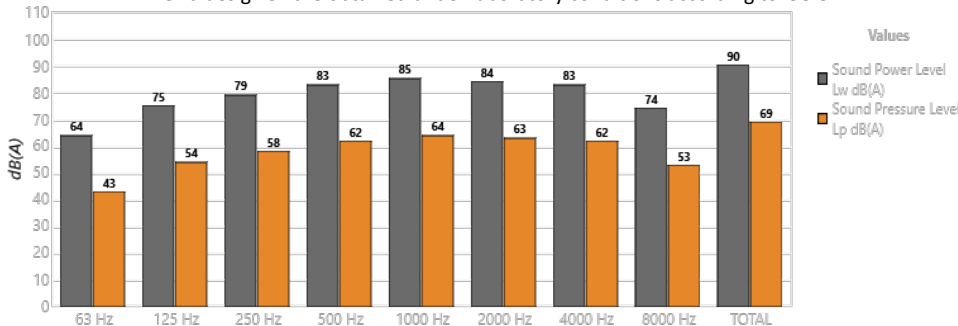
Q (m³/h)	
Ps (Pa)	

Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Radiated, 3 (m), Free field

The values given are obtained under laboratory conditions according to ISO 3744.



Band	Lw dB(A)	Lp dB(A)
63 Hz	64	43
125 Hz	75	54
250 Hz	79	58
500 Hz	83	62
1000 Hz	85	64
2000 Hz	84	63
4000 Hz	83	62
8000 Hz	74	53
TOTAL	90	69

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	10400
Speed (rpm)	890
Maximum static pressure (Pa)	567.1
Maximum total pressure (Pa)	572.1





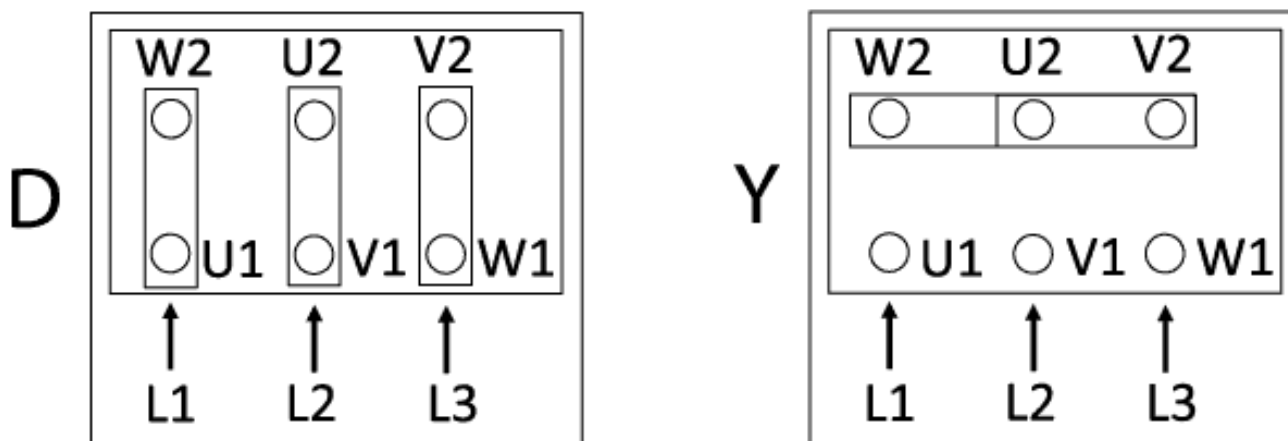
ERP

Brand	SODECA, S.L.U.	Static efficiency of fan according to EU 327/2011 (%)	44.2%
Model	CJBD-3939-6T 3	Max. internal leakage rate (%)	2.3%
Typology	NRVU / UVU	Filter energy performance	Not applicable
Drive type	Variable speed	Visual filter warning	Not applicable
HRS type	None	Sound power level (LWA) (dBA)	88
Nominal flow rate (m³/s)	0.780	Website	www.sodeca.com
Effective electric power input (kW)	0.967	ErP compliance	2018
SFPint (W/m³/s)	230.00		
Face velocity at design flow rate (m/s)	4.08		
Nominal external pressure (Pa)	518		

MOTOR DATA

Rated Mechanical Power (kW)	2.2	Max. current (A) 380-415 V	6.3
Hz/phases	50/3	Max. current (A) 220-240 V	10.9
Motor (rpm)	890	Motor frame size	100
Poles	6P		

Data can change, please check motor plate



DIMENSIONS

A	B	C	D	E	F	G	L	K
800	755	800	659	704	105	240	410	476

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	72
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