

CJBD-3939-6T 3

Code: 1009292



Ventilation units acoustically insulated

Fan:

- CBD series double inlet fans.
- Galvanised sheet steel structure with thermal insulation 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:

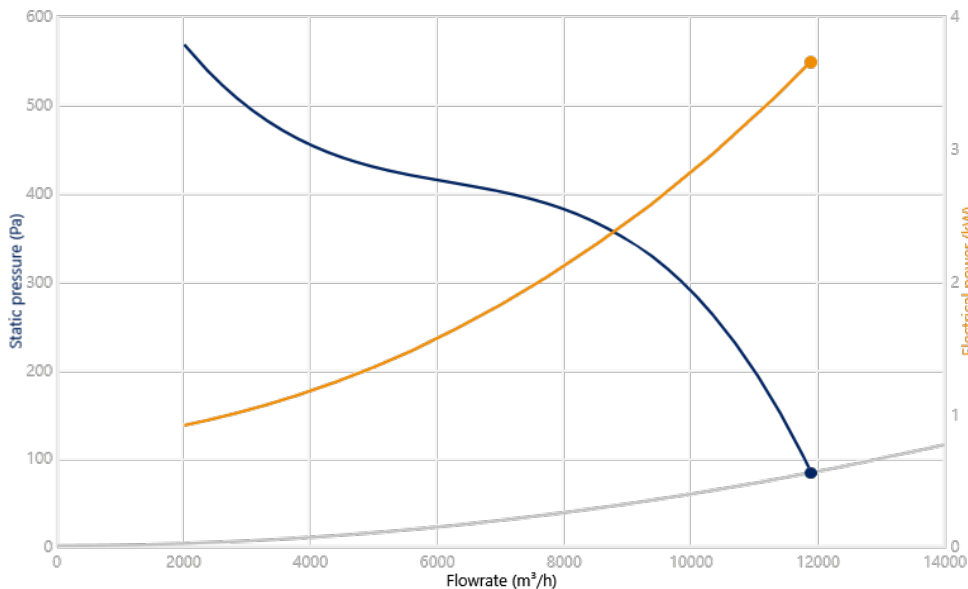
- Galvanised steel sheet.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³



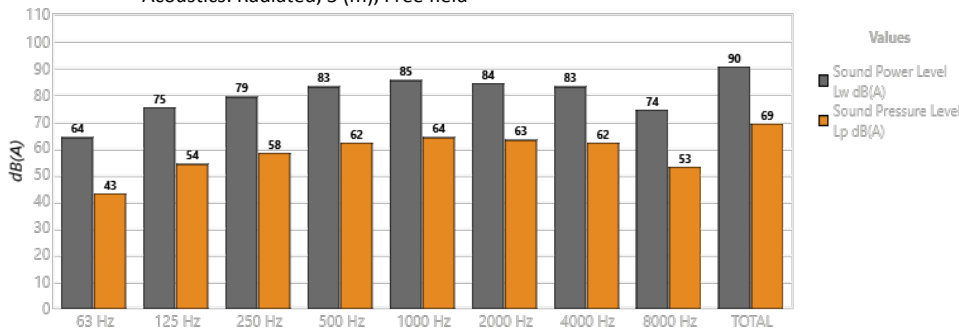
Design Point

Q (m³/h)	11885
Ps (Pa)	82.09

Service Point (SP)

Q (m³/h)	11891
Ps (Pa)	82.17
Pd (Pa)	179.4
Pt (Pa)	261.6
Impeller (rpm)	890
Max. Temp. (°C)	60
Outlet air speed (m/s)	17.29
Electrical efficiency (Pt) (%)	23.68
SFP (kW/m³/s)	1.105
Electrical power (kW)	3.649

Acoustics: Radiated, 3 (m), Free field



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

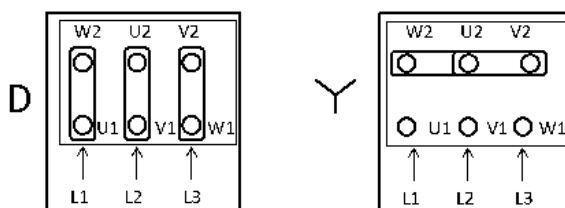
Airflow maximum (m³/h)	11900
Speed (rpm)	890
Maximum static pressure (Pa)	567.1
Maximum total pressure (Pa)	572.1

ERP

Brand	SODECA, S.L.U.	Static efficiency of fan according to EU 327/2011 (%)	44.2%
Model	CJBD-3939-6T 3	Max. external leakage rate (%)	0.2%
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
Face velocity at design flow rate (m/s)	4.08		
Nominal external pressure (Pa)	518		

MOTOR DATA

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



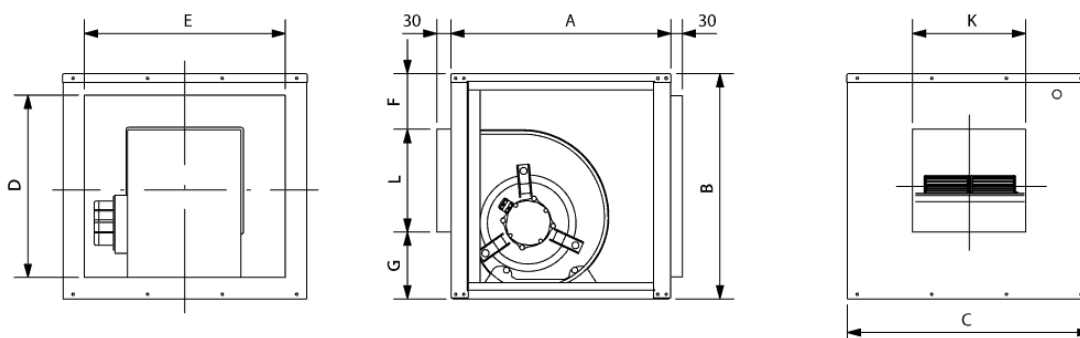
Data can change, please check motor plate

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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AVAILABLE ACCESSORIES

General accessories available



INT-KG-
20/3CA



VSD3/A-RFT-
3



VSD1/A-RFM-
3



VSD3/A-RFT-
3-IP66



VSD1/A-RFM-
3-IP66



TEJ-3939

Inlet accessories available



VIS-15/15

Outlet accessories available



VIS-15/15

It must be checked that the accessory is suitable for the fan model