



CJBD/F-3939-6T 3



Ventilation units with built-in filter

Fan:

- CBD series double inlet fans.
- CJBD/F: galvanised sheet steel structure with thermal and acoustic insulation.
- CJBD/ALF: aluminium profiles structure with thermal and acoustic insulation.
- Forward curved impeller in galvanized 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 240 V/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

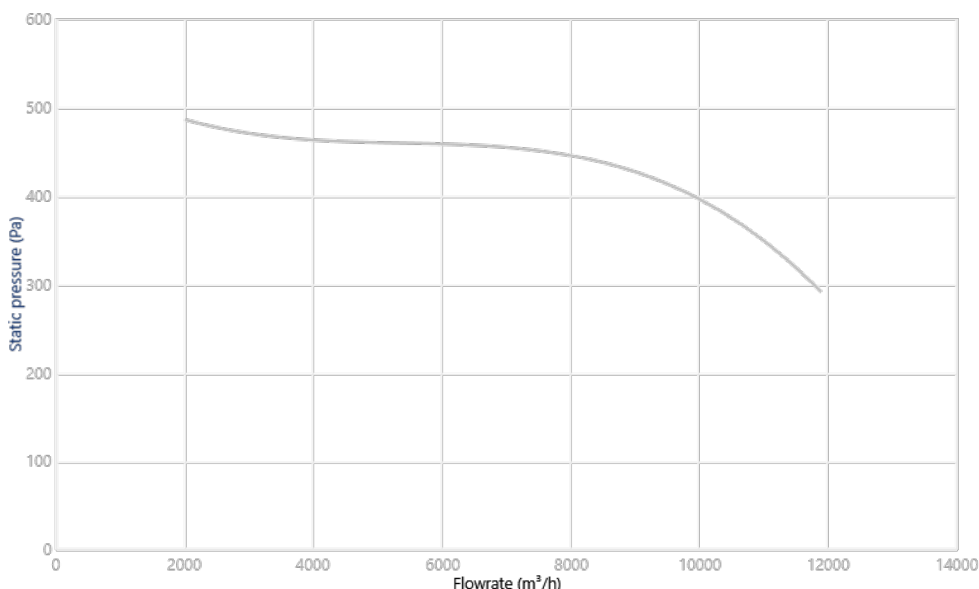
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

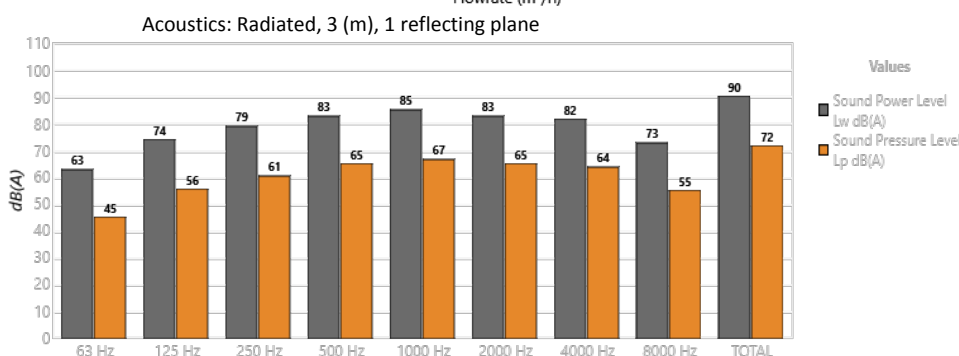


Design Point

Q (m³/h)	
Ps (Pa)	

Service Point (SP)

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



Band	Lw dB(A)	Lp dB(A)
63 Hz	63	45
125 Hz	74	56
250 Hz	79	61
500 Hz	83	65
1000 Hz	85	67
2000 Hz	83	65
4000 Hz	82	64
8000 Hz	73	55
TOTAL	90	72

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	11900
Speed (rpm)	890
Maximum static pressure (Pa)	485.8
Maximum total pressure (Pa)	529.5



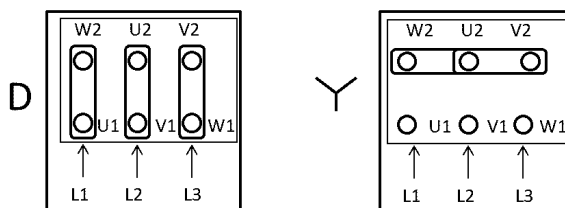


ERP

Brand	SODECA, S.L.U.	Internal pressure drop of fans (Pa)	101
Model	CJBD/F-3939-6T 3	Static efficiency of fan according to EU 327/2011 (%)	44.2%
Typology	NRVU / UVU	Max. external leakage rate (%)	0.1%
Drive type	Variable speed	Filter energy performance	G4: G
HRS type	None	Visual filter warning	See manual
Nominal flow rate (m³/s)	1.395	Sound power level (LWA) (dBA)	88
Effective electric power input (kW)	1.434	Website	www.sodeca.com
SFPint (W/m³/s)	230.00	ErP compliance	2018
Face velocity at design flow rate (m/s)	7.30		
Nominal external pressure (Pa)	453		

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)	71.8
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