

CJBD/F-3333-6T 1 1/2



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:

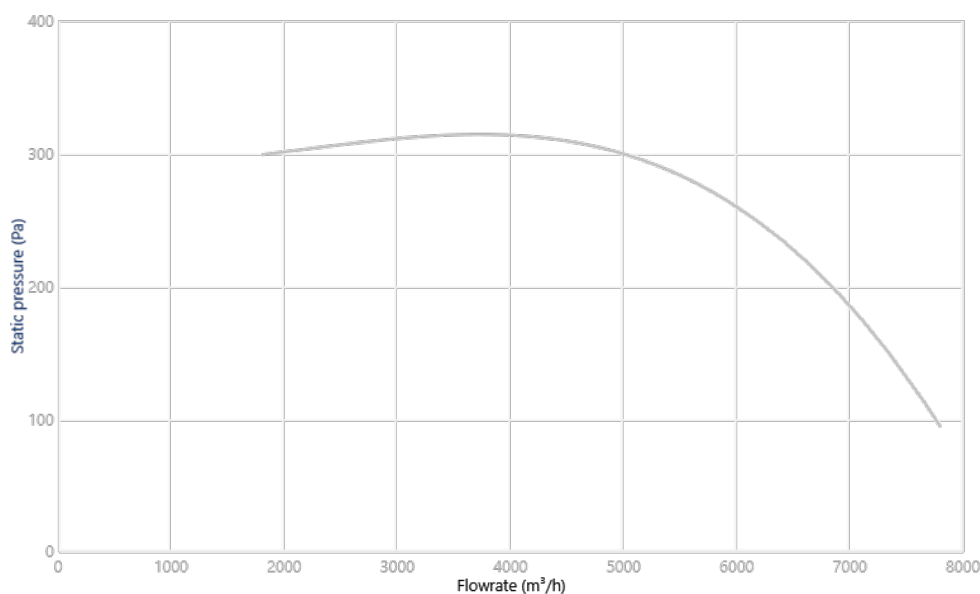
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

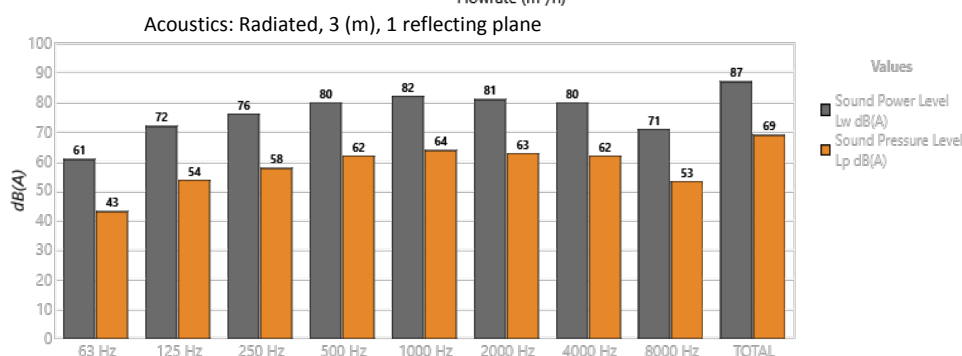


Design Point

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	61	43
125 Hz	72	54
250 Hz	76	58
500 Hz	80	62
1000 Hz	82	64
2000 Hz	81	63
4000 Hz	80	62
8000 Hz	71	53
TOTAL	87	69

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	7800
Speed (rpm)	900
Maximum static pressure (Pa)	314.1
Maximum total pressure (Pa)	365.9

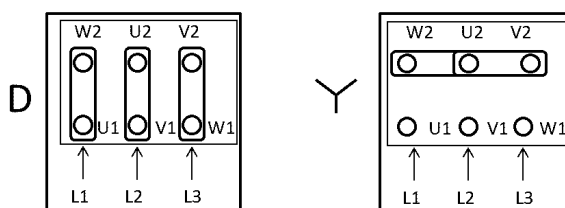
ERP

Brand	SODECA, S.L.U.	Internal pressure drop of fans (Pa)	79
Model	CJBD/F-3333-6T 1 1/2	Static efficiency of fan according to EU 327/2011 (%)	42.9%
Typology	NRVU / UVU	Max. external leakage rate (%)	0.2%
Drive type	Variable speed	Filter energy performance	G4: G
HRS type	None	Visual filter warning	See manual
Nominal flow rate (m³/s)	0.738	Sound power level (LWA) (dBA)	85
Effective electric power input (kW)	0.715	Website	www.sodeca.com
SFPint (W/m³/s)	230.00	ErP compliance	2018
Face velocity at design flow rate (m/s)	5.59		
Nominal external pressure (Pa)	333		

MOTOR DATA

Rated Mechanical Power (kW)	1.1
Hz/phases	50/3
Motor (rpm)	850
Poles	6P
Max. current (A) 380-415 V	3.8
Max. current (A) 220-240 V	6.6
Motor frame size	90

Data can change, please check motor plate



DIMENSIONS

A	B	C	D	E	F	G	L	K
650	650	700	554	604	105	198	347	392

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

Approx. weight (kg)	47.9
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