

CJBD/F-3333-6M 1



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:

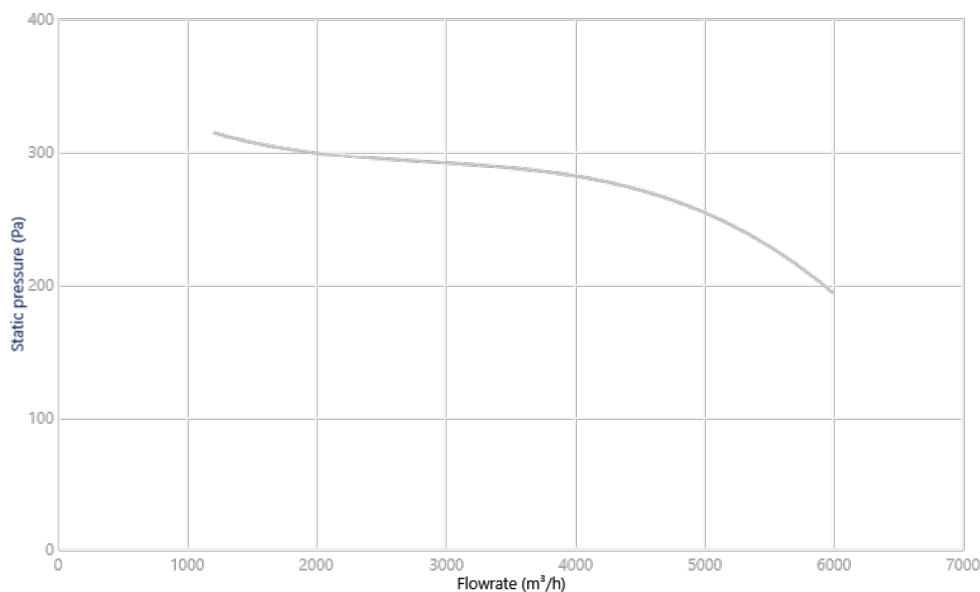
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

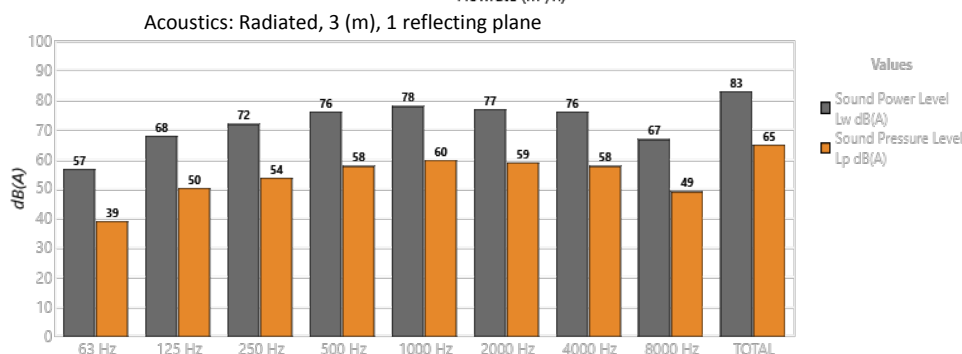


Design Point

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	57	39
125 Hz	68	50
250 Hz	72	54
500 Hz	76	58
1000 Hz	78	60
2000 Hz	77	59
4000 Hz	76	58
8000 Hz	67	49
TOTAL	83	65

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	6000
Speed (rpm)	850
Maximum static pressure (Pa)	314
Maximum total pressure (Pa)	324.1

ERP

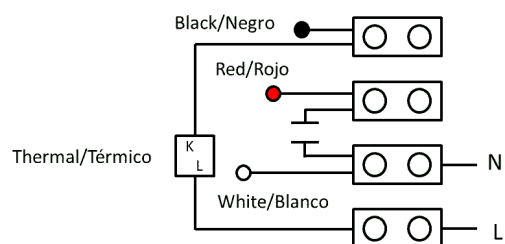
Brand	SODECA, S.L.U.
Model	CJBD/F-3333-6M 1
Typology	NRVU / UVU
Drive type	Variable speed
HRS type	None
Nominal flow rate (m³/s)	0.758
Effective electric power input (kW)	0.681
SFPint (W/m³/s)	230.00
Face velocity at design flow rate (m/s)	5.74
Nominal external pressure (Pa)	326

Internal pressure drop of fans (Pa)	83
Static efficiency of fan according to EU 327/2011 (%)	42.2%
Max. external leakage rate (%)	0.2%
Filter energy performance	G4: G
Visual filter warning	See manual
Sound power level (LWA) (dBA)	81
Website	www.sodeca.com
ErP compliance	2018

MOTOR DATA

Rated Mechanical Power (kW)	0.75
Hz/phases	50/1
Motor (rpm)	850
Poles	6P
Max. current (A) 220-240 V	5.37
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)	47.4
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