

CJBD/F-2525-6M 1/3



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:

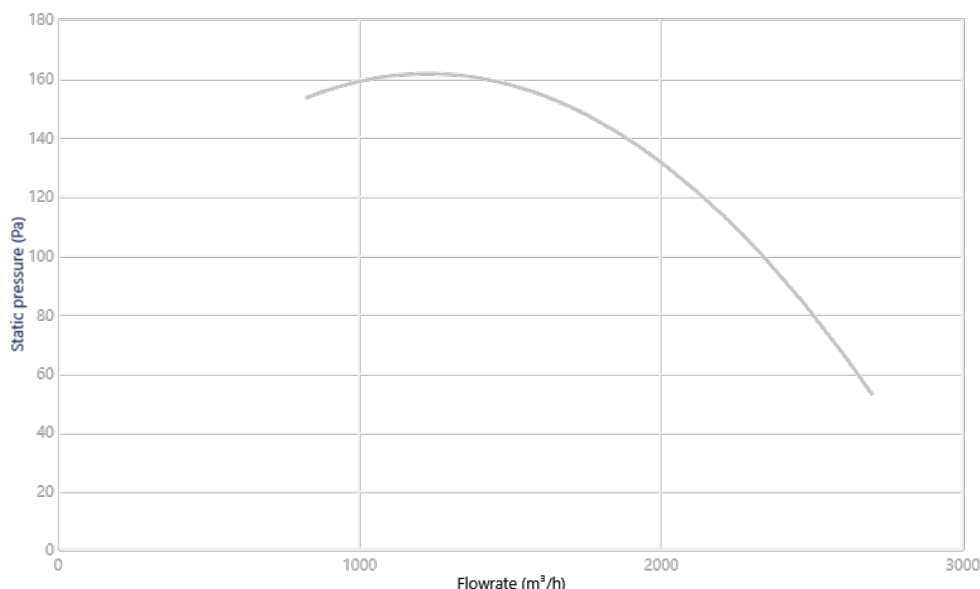
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

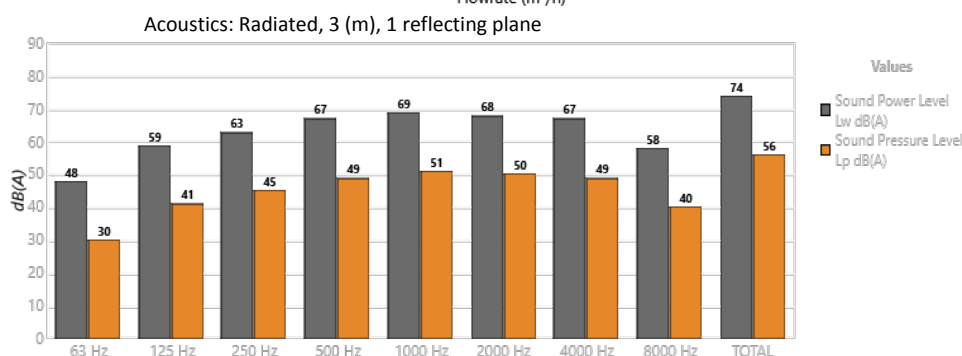


Design Point

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	48	30
125 Hz	59	41
250 Hz	63	45
500 Hz	67	49
1000 Hz	69	51
2000 Hz	68	50
4000 Hz	67	49
8000 Hz	58	40
TOTAL	74	56

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	2700
Speed (rpm)	830
Maximum static pressure (Pa)	161.2
Maximum total pressure (Pa)	174.3

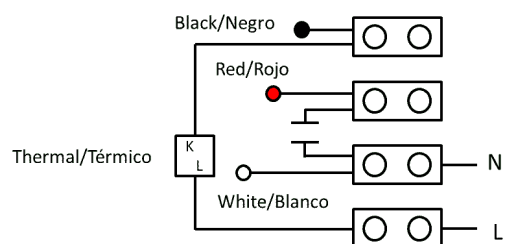
ERP

Brand	SODECA, S.L.U.	Internal pressure drop of fans (Pa)	77
Model	CJBD/F-2525-6M 1/3	Static efficiency of fan according to EU 327/2011 (%)	34.2%
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)	0.450	Sound power level (LWA) (dBA)	72
Effective electric power input (kW)	0.205	Website	www.sodeca.com
SFPint (W/m³/s)	230.00	ErP compliance	2018
Face velocity at design flow rate (m/s)	5.70		
Nominal external pressure (Pa)	153		

MOTOR DATA

Rated Mechanical Power (kW)	0.25
Hz/phases	50/1
Motor (rpm)	940
Poles	6P
Max. current (A) 220-240 V	2.2
Motor frame size	80

Data can change, please check motor plate



DIMENSIONS

A	B	C	D	E	F	G	L	K
500	522	550	426	454	107	147	268	303

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

Approx. weight (kg)	27.6
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