



# CJBD/F-2525-6M 1/5



## 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:

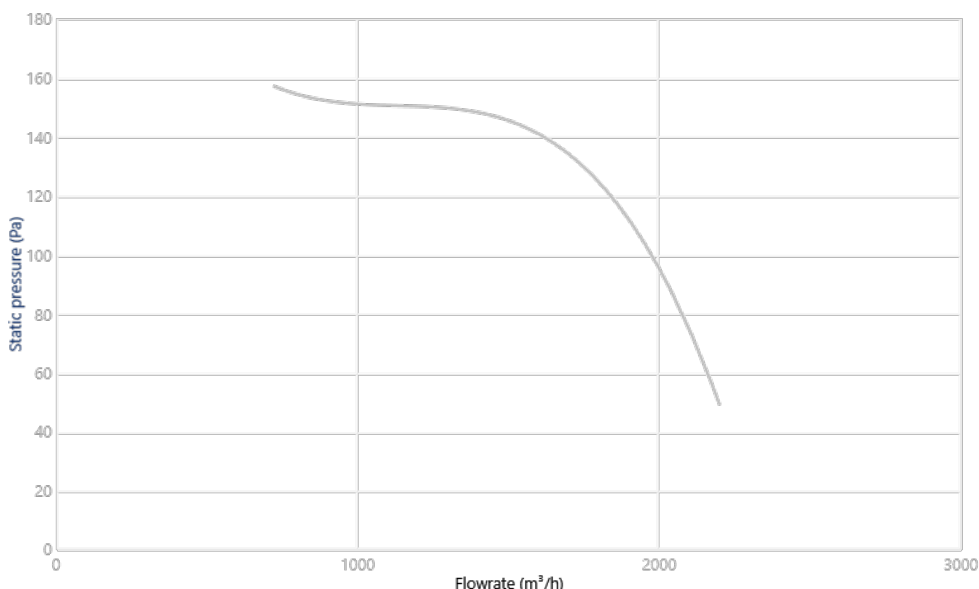
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

### On request:

- With circular outlet.



## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>

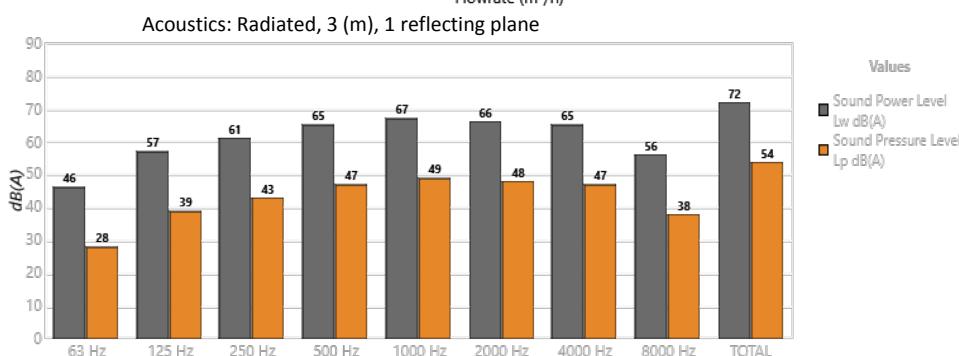


### Design Point

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	46	28
125 Hz	57	39
250 Hz	61	43
500 Hz	65	47
1000 Hz	67	49
2000 Hz	66	48
4000 Hz	65	47
8000 Hz	56	38
TOTAL	72	54

## TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	2200
Speed (rpm)	850
Maximum static pressure (Pa)	157.1
Maximum total pressure (Pa)	162.7





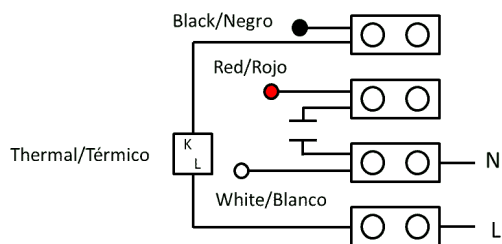
ERP

Brand	SODECA, S.L.U.	Internal pressure drop of fans (Pa)	78
Model	CJBD/F-2525-6M 1/5	Static efficiency of fan according to EU 327/2011 (%)	34.1%
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)	0.453	Sound power level (LWA) (dBA)	70
Effective electric power input (kW)	0.185	Website	www.sodeca.com
SFPint (W/m³/s)	230.00	ErP compliance	2018
Face velocity at design flow rate (m/s)	5.73		
Nominal external pressure (Pa)	139		

MOTOR DATA

Rated Mechanical Power (kW)	0.15
Hz/phases	50/1
Motor (rpm)	900
Poles	6P
Max. current (A) 220-240 V	1.5
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)	26.4
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