

CJBD/F-2525-4M 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:

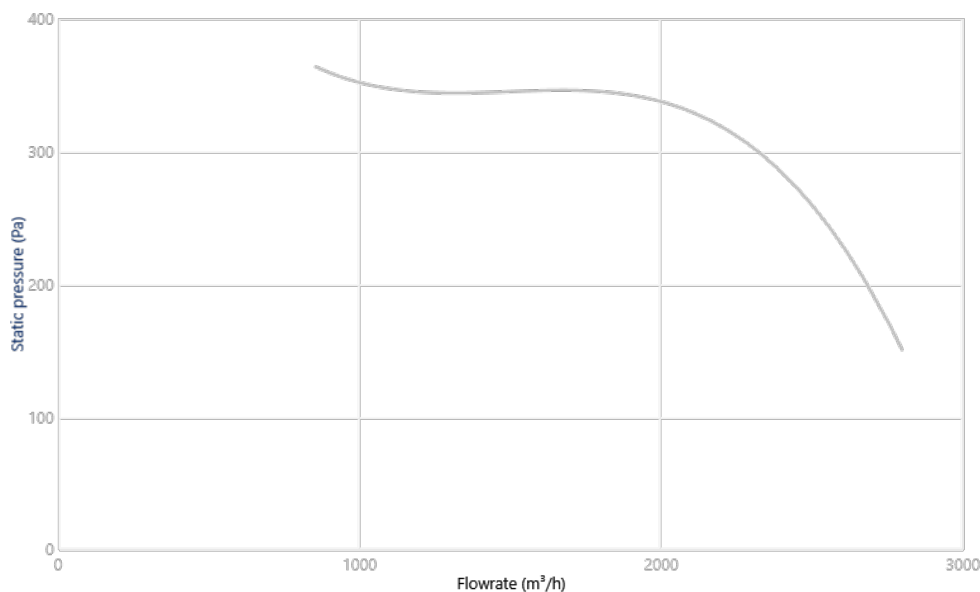
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

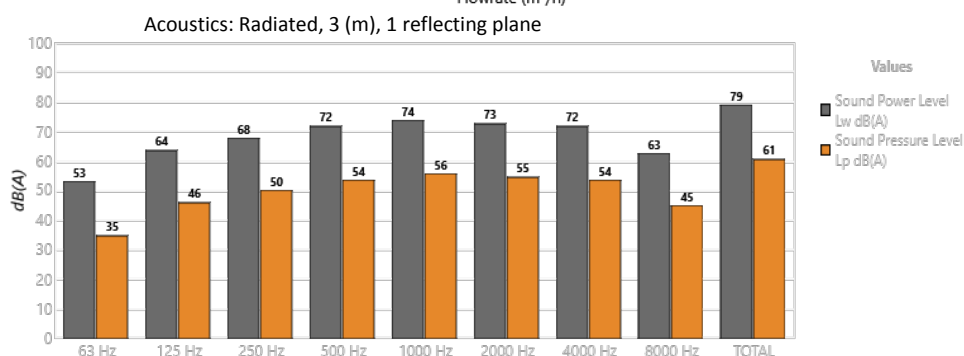


Design Point

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	53	35
125 Hz	64	46
250 Hz	68	50
500 Hz	72	54
1000 Hz	74	56
2000 Hz	73	55
4000 Hz	72	54
8000 Hz	63	45
TOTAL	79	61

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	2800
Speed (rpm)	1320
Maximum static pressure (Pa)	363.9
Maximum total pressure (Pa)	369.3

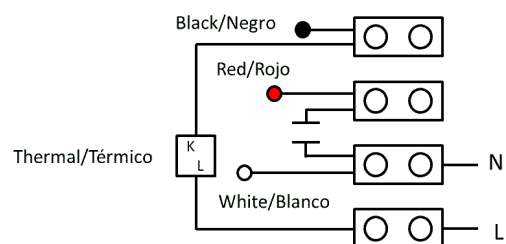
ERP

Brand	SODECA, S.L.U.	Internal pressure drop of fans (Pa)	84
Model	CJBD/F-2525-4M 1/2	Static efficiency of fan according to EU 327/2011 (%)	40.7%
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)	0.467	Sound power level (LWA) (dBA)	77
Effective electric power input (kW)	0.445	Website	www.sodeca.com
SFPint (W/m³/s)	230.00	ErP compliance	2018
Face velocity at design flow rate (m/s)	5.91		
Nominal external pressure (Pa)	346		

MOTOR DATA

Rated Mechanical Power (kW)	0.37
Hz/phases	50/1
Motor (rpm)	1320
Poles	4P
Max. current (A) 220-240 V	2.3
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)	28.1
---------------------	------

