

CJBD/F-2828-4M 3/4



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:

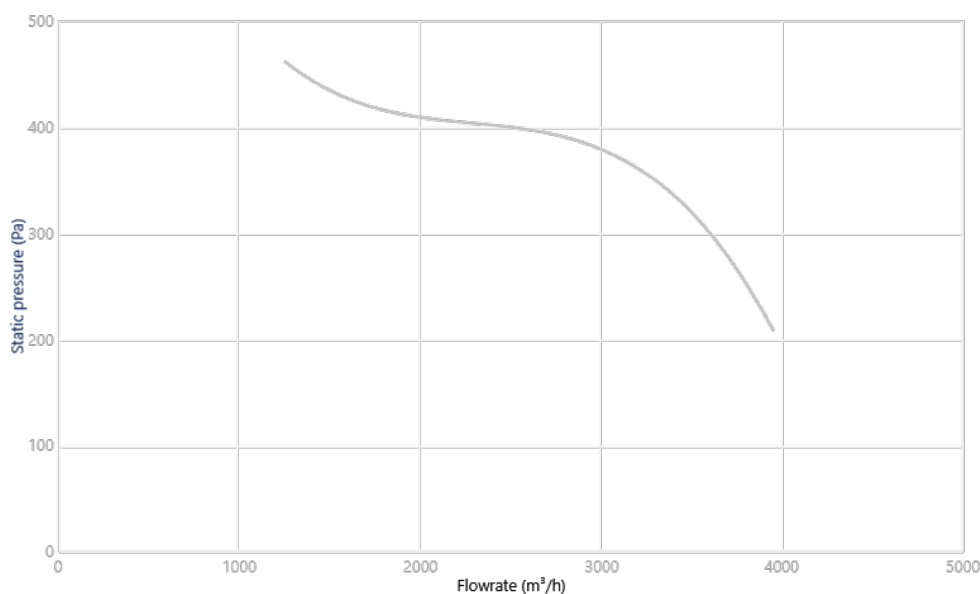
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

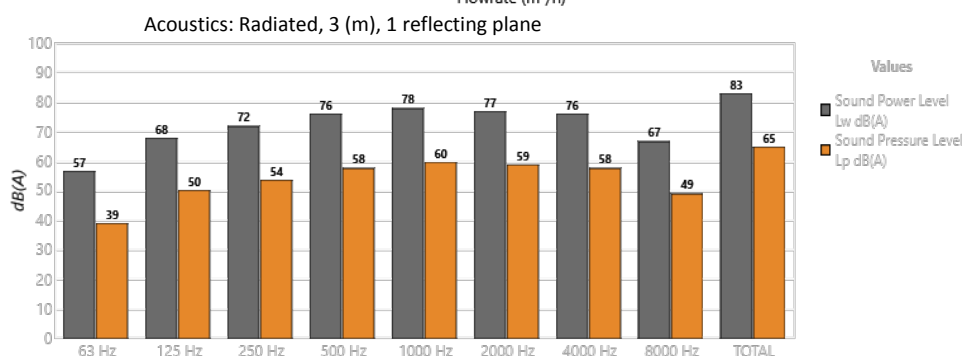


Design Point

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)	3950
Speed (rpm)	1310
Maximum static pressure (Pa)	461.6
Maximum total pressure (Pa)	469.6

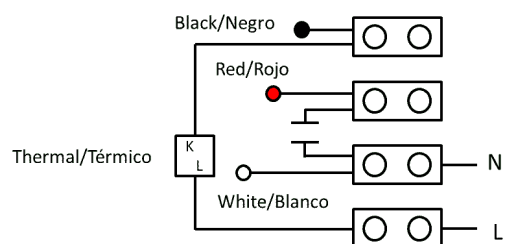
ERP

Brand	SODECA, S.L.U.	Internal pressure drop of fans (Pa)	76
Model	CJBD/F-2828-4M 3/4	Static efficiency of fan according to EU 327/2011 (%)	40.9%
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)	0.556	Sound power level (LWA) (dBA)	81
Effective electric power input (kW)	0.689	Website	www.sodeca.com
SFPint (W/m³/s)	230.00	ErP compliance	2018
Face velocity at design flow rate (m/s)	5.85		
Nominal external pressure (Pa)	409		

MOTOR DATA

Rated Mechanical Power (kW)	0.55
Hz/phases	50/1
Motor (rpm)	1310
Poles	4P
Max. current (A) 220-240 V	3.65
Motor frame size	80

Data can change, please check motor plate



DIMENSIONS

A	B	C	D	E	F	G	L	K
550	575	600	479	504	104	177	294	330

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

Approx. weight (kg)	33.8
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