

CJBD/F-2828-4M 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:

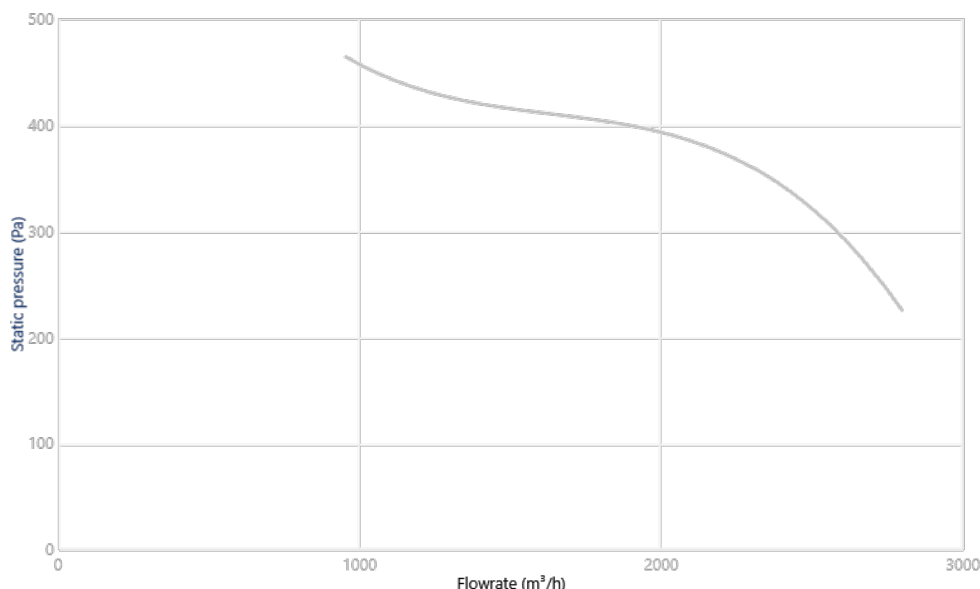
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

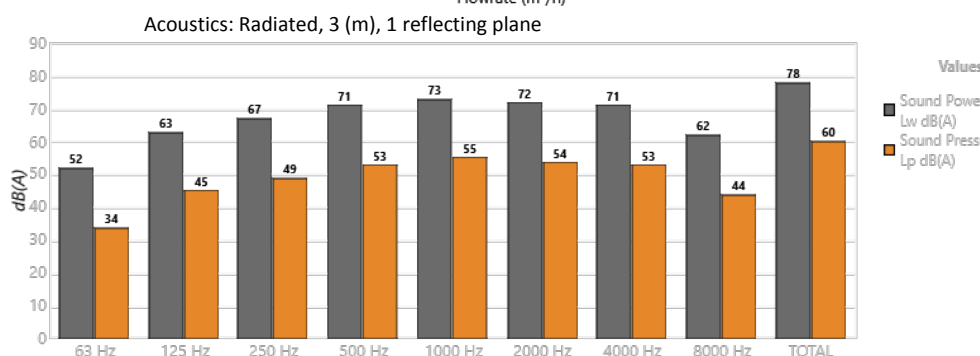


Design Point

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	52	34
125 Hz	63	45
250 Hz	67	49
500 Hz	71	53
1000 Hz	73	55
2000 Hz	72	54
4000 Hz	71	53
8000 Hz	62	44
TOTAL	78	60

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	2800
Speed (rpm)	1320
Maximum static pressure (Pa)	464.5
Maximum total pressure (Pa)	469.1

ERP

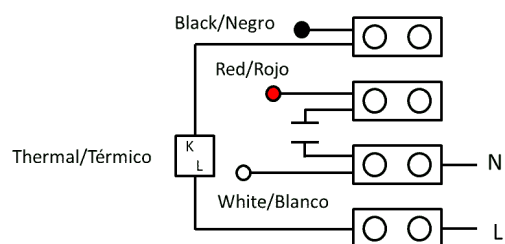
Brand	SODECA, S.L.U.
Model	CJBD/F-2828-4M 1/2
Typology	NRVU / UVU
Drive type	Variable speed
HRS type	None
Nominal flow rate (m³/s)	0.644
Effective electric power input (kW)	0.519
SFPint (W/m³/s)	230.00
Face velocity at design flow rate (m/s)	6.78
Nominal external pressure (Pa)	357

Internal pressure drop of fans (Pa)	102
Static efficiency of fan according to EU 327/2011 (%)	44.5%
Max. external leakage rate (%)	0.1%
Filter energy performance	G4: G
Visual filter warning	See manual
Sound power level (LWA) (dBA)	76
Website	www.sodeca.com
ErP compliance	2018

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
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
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