

CJBD/F-1919-4M 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:

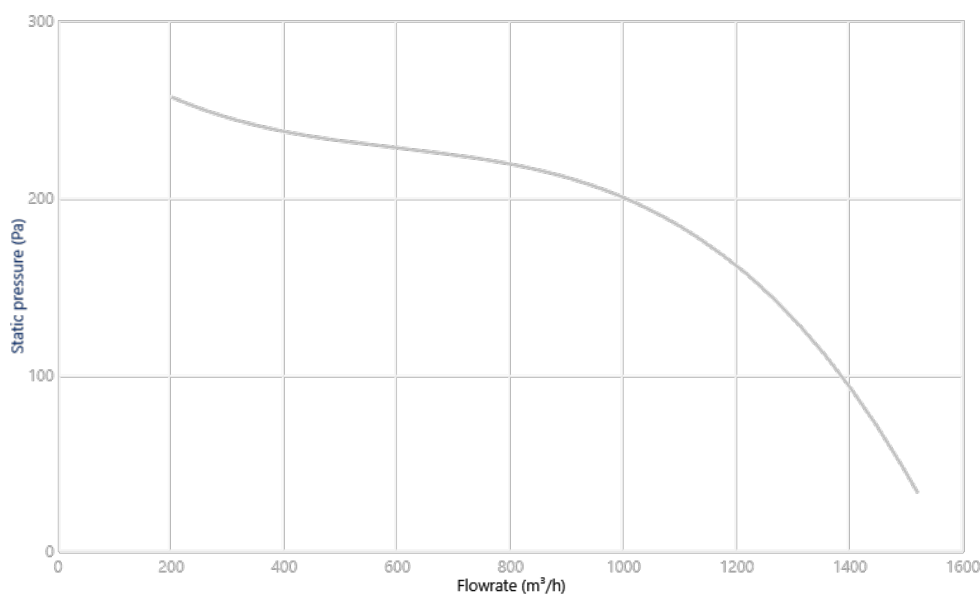
- Anti-corrosive in galvanized steel sheet.
- CJBD/ALF: anti-corrosive pre-varnished sheet steel and aluminium profiles.

On request:

- With circular outlet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

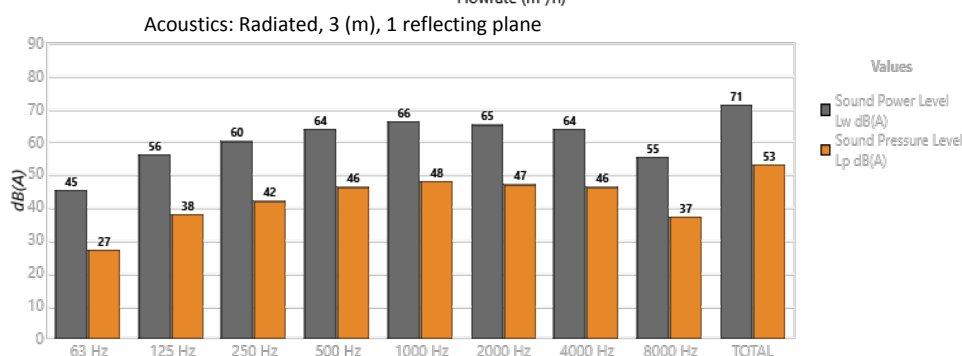


Design Point

Q (m ³ /h)	
Ps (Pa)	

Service Point (SP)

Q (m ³ /h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-



Band	Lw dB(A)	Lp dB(A)
63 Hz	45	27
125 Hz	56	38
250 Hz	60	42
500 Hz	64	46
1000 Hz	66	48
2000 Hz	65	47
4000 Hz	64	46
8000 Hz	55	37
TOTAL	71	53

TECHNICAL CHARACTERISTICS

Airflow maximum (m ³ /h)	1520
Speed (rpm)	1230
Maximum static pressure (Pa)	256.8
Maximum total pressure (Pa)	257.5

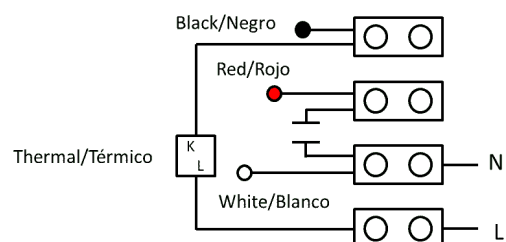
ERP

Brand	SODECA, S.L.U.	Static efficiency of fan according to EU 327/2011 (%)	33.2%
Model	CJBD/F-1919-4M 1/5	Max. external leakage rate (%)	0.2%
Typology	NRVU / UVU	Filter energy performance	G4: G
Drive type	Variable speed	Visual filter warning	See manual
HRS type	None	Sound power level (LWA) (dBA)	69
Nominal flow rate (m³/s)	0.287	Website	www.sodeca.com
Effective electric power input (kW)	0.180	ErP compliance	2018
Face velocity at design flow rate (m/s)	5.86		
Nominal external pressure (Pa)	197		

MOTOR DATA

Rated Mechanical Power (kW)	0.15
Hz/phases	50/1
Motor (rpm)	1320
Poles	4P
Max. current (A) 220-240 V	1.15
Motor frame size	63

Data can change, please check motor plate



DIMENSIONS

A	B	C	D	E	F	G	L	K
450	460	500	370	410	115	135	210	232

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

Approx. weight (kg)	19.4
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