CJBD
CJBD/AL

CJBD: Soundproofed ventilation units fitted with double-inlet fans, CBD series
CJBD/AL: Soundproofed ventilation units with profiles in aluminium and prepainted sheet metal, fitted with CBD series double-inlet fans

CJBD

CJBD/AL

Fan:
- Galvanised sheet steel structure with thermal insulation and soundproofing.
- Impeller with forward-facing blades made from galvanised sheet steel
- Stuffing-box for cable inlet
- CJBD/AL: with aluminium profiles and pre-lacquered sheet

Motor:
- Class F closed motors with incorporated thermal protector, ball bearings and IP-54 protection
- Single-phase 220-240V.-50Hz. and three-phase 220-240/380-415V.-50Hz.
- Max. air temperature to transport: -20ºC.+60ºC.

Finish:
- Anticorrosive galvanized sheet steel

On request:
- With circular inlet

CJBD: Includes base stand to aid installation

Order code

CJBD — 2525 — 6M — 1/3

CJBD: Soundproofed ventilation units
CJBD/AL: With aluminium profiles and pre-lacquered sheet
CJBD/INT: Soundproofed ventilation with built-in switch
CJBD/C: Ventilation units with circular inlet/outlet
CJBD/F: Ventilation units with built-in filters
CJBD/ALS: Ventilation units with double wall of insulation and pre-lacquered sheet
CJBD/ALF: Ventilation units with pre-lacquered sheet and built-in filters

Impeller size in mm

mm	inches
1919	7/7
2525	9/9
2828	10/10
3333	12/12
3939	15/15

Number of motor poles
4=1400 r/min 50 Hz
6=900 r/min 50 Hz

T=Three-phase
M=Single-phase

Motor power (CV)

Options

CJBD/INT

CJBD/C

CJBD/F

CJBD/ALS

CJBD/ALF

Technical characteristics

Model			Speed (r/min)	Maximum admissible current (A) 230V	400V	Installed power (kW)	Maximum airflow (m^3/h)	Sound level dB(A)	Approx. weight (Kg) CJBD	CJBD/AL
CJBD	CJBD/AL	1919-4M 1/5	1230	1.40		0.15	1520	58	19.4	22.5
CJBD	CJBD/AL	1919-6M 1/10	820	0.85		0.08	1230	53	19.4	22.5
CJBD	CJBD/AL	2525-4M 1/2	1320	3.30		0.37	2800	66	28.1	31.8
CJBD	CJBD/AL	2525-4M 3/4	1310	4.50		0.55	3600	70	28.9	32.6
CJBD	CJBD/AL	2525-6M 1/5	850	1.50		0.15	2200	59	26.4	30.1
CJBD	CJBD/AL	2525-6M 1/3	830	2.20		0.25	2700	61	27.6	31.3
CJBD	CJBD/AL	2828-4M 1/2	1320	3.30		0.37	2800	65	33.0	37.3
CJBD	CJBD/AL	2828-4M 3/4	1310	4.50		0.55	3950	70	33.8	38.1
CJBD	CJBD/AL	2828-6M 1/3	830	2.20		0.25	3200	61	32.5	36.8
CJBD	CJBD/AL	3333-6T 1 1/2	850	6.60	3.80	1.10	7800	74	47.9	53.8
CJBD	CJBD/AL	3333-6M 3/4	850	5.00		0.55	4900	63	46.4	52.3
CJBD	CJBD/AL	3333-6M 1	850	6.00		0.75	6000	70	47.4	53.3
CJBD	CJBD/AL	3939-6T 3	890	10.90	6.30	2.20	11900	74	71.8	80.0

Erp. BEP (best efficiency point) characteristics

Available features best efficiency point (BEP), CBD series

Acoustic features

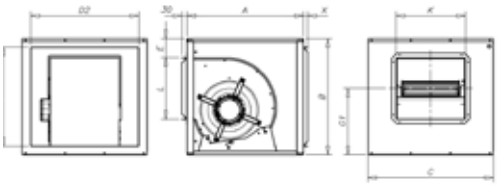
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000
CJBD-1919-4M 1/5	43	54	58	62	64	63	62	53
CJBD-1919-6M 1/10	38	49	53	57	59	58	57	48
CJBD-2525-4M 1/2	51	62	66	70	72	71	70	61
CJBD-2525-4M 3/4	55	66	70	74	76	75	74	65
CJBD-2525-6M 1/5	44	55	59	63	65	64	63	54
CJBD-2525-6M 1/3	46	57	61	65	67	66	65	56
CJBD-2828-4M 1/2	50	61	65	69	71	70	69	60

Model	63	125	250	500	1000	2000	4000	8000
CJBD-2828-4M 3/4	55	66	70	74	76	75	74	65
CJBD-2828-6M 1/3	46	57	61	65	67	66	65	56
CJBD-3333-6T 1 1/2	59	70	74	78	80	79	78	69
CJBD-3333-6M 3/4	48	59	63	67	69	68	67	58
CJBD-3333-6M 1	55	66	70	74	76	75	74	65
CJBD-3939-6T 3	61	72	77	81	83	81	80	71

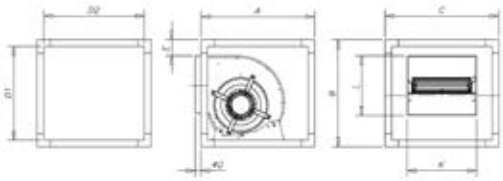
Dimensions in mm

CJBD



	Equiv. in inches	A	B	C	E	D1	D2	G1	L	K	X (without filter)	X (with filter)
CJBD-1919	7/7	450	460	500	110	370	410	245	210	232	25	30
CJBD-2525	9/9	500	522	550	107	426	454	283,5	263	300	25	30
CJBD-2828	10/10	550	575	600	105,5	479	504	324,5	292	326	25	30
CJBD-3333	12/12	650	650	700	106	554	604	372,5	345	387	25	30
CJBD-3939	15/15	800	755	800	109	659	704	443	404	473	25	30

CJBD/AL



	Equiv. in inches	A	B	C	D1	D2	E	L	K
CJBD/AL-1919	7/7	460	460	460	420	420	88	202	225
CJBD/AL-2525	9/9	520	520	520	480	480	110	265	295
CJBD/AL-2828	10/10	575	575	575	535	535	122	286	322
CJBD/AL-3333	12/12	650	650	650	610	610	108	339	384
CJBD/AL-3939	15/15	755	755	755	695	695	108	410	471

Characteristic Curves

See characteristic curves, CBD series.

Accessories

See accessories section.

INT C2V RM AR RFT AET TEJ VIS