

CJBD/ALG

Ventilation units made of aluminium profiles and galvanised sheet steel with acoustic insulation



Fan:

- Double inlet CBD series fans.
- Aluminium profile and galvanised sheet steel structure with thermal and acoustic insulation.
- Forward-curved impeller, made of galvanised sheet steel.
- Cable gland for cable entry.

Motor:

- Closed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Multi voltage motor, special design valid for 220/380V 60Hz, 254/440V 60Hz, 265/460V 60Hz, 277/480V 60Hz.
- Maximum temperature of air to be carried: -20 °C + 60 °C.

Finish:

- Anti-corrosive finished sheet steel and aluminium profiles.

On request:

- With circular impulsion.

Order code



CJBD/ALG: With aluminium profiles and a galvanised sheet steel casing.
CJBD/INT: Ventilation units with a built-in switch
CJBD/C: Ventilation units with a circular inlet and outlet
CJBD/F: Ventilation units with a built-in filter
CJBD/ALS: Ventilation units with a double insulated wall and pre-varnished sheet steel
CJBD/ALF: Ventilation units with a pre-varnished sheet steel and built-in filter.

Impeller size mm	
mm.	inch.
1919	7/7
2525	9/9
2828	10/10
3333	12/12
3939	15/15

Number of motor poles
 4=1680 r/min. 60 Hz
 6=1080 r/min. 60 Hz

T=Three-phase
 M=Single-phase

Motor power (hp)

Options



CJBD/INT



CJBD/C



CJBD/F



CJBD/ALS



CJBD/ALF

Technical characteristics

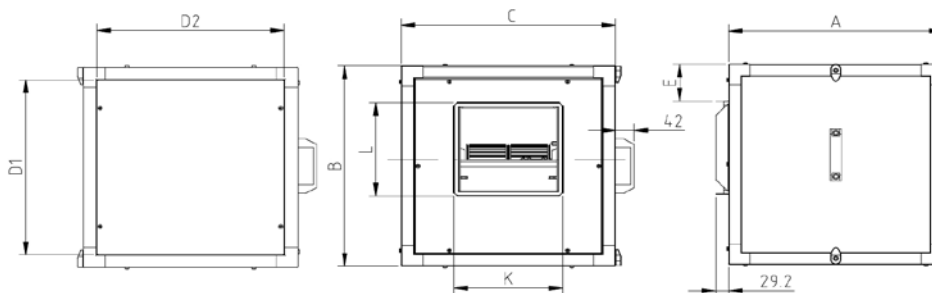
Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum flow rate (m ³ /h)	Sound level dB(A)	Approx. weight (kg)
		220-277V	380-480V				
CJBD/ALG 1919-4M 1/5	1476	1.40		0.15	1520	59	22.5
CJBD/ALG 1919-6M 1/10	984	0.85		0.08	1230	53	22.5
CJBD/ALG 2525-4M 1/2	1584	3.30		0.37	2800	66	31.8
CJBD/ALG 2525-4M 3/4	1572	4.50		0.55	3600	70	32.6
CJBD/ALG 2525-6M 1/5	1020	1.50		0.15	2200	60	30.1
CJBD/ALG 2525-6M 1/3	996	2.20		0.25	2700	62	31.3
CJBD/ALG 2828-4M 1/2	1584	3.30		0.37	2800	65	37.3
CJBD/ALG 2828-4M 3/4	1572	4.50		0.55	3950	70	38.1
CJBD/ALG 2828-6M 1/3	996	2.20		0.25	3200	62	36.8
CJBD/ALG 3333-6T 1 1/2	1080	6.60	3.80	1.10	7800	75	53.8
CJBD/ALG 3333-6M 3/4	1020	5.00		0.55	4900	64	52.3
CJBD/ALG 3333-6M 1	1020	6.00		0.75	6000	71	53.3
CJBD/ALG 3939-6T 3	1068	10.90	6.30	2.20	11900	75	80.0

Acoustic characteristics

Sound power spectrum L_w(A) in dB(A) per Hz frequency band

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
1919-4M 1/5	43	54	58	62	64	63	62	53	2828-4M 3/4	55	66	70	74	76	75	74	65
1919-6M 1/10	38	49	53	57	59	58	57	48	2828-6M 1/3	46	57	61	65	67	66	65	56
2525-4M 1/2	51	62	66	70	72	71	70	61	3333-6T 1 1/2	59	70	74	78	80	79	78	69
2525-4M 3/4	55	66	70	74	76	75	74	65	3333-6M 3/4	48	59	63	67	69	68	67	58
2525-6M 1/5	44	55	59	63	65	64	63	54	3333-6M 1	55	66	70	74	76	75	74	65
2525-6M 1/3	46	57	61	65	67	66	65	56	3939-6T 3	61	72	77	81	83	81	80	71
2828-4M 1/2	50	61	65	69	71	70	69	60									

Dimensions mm



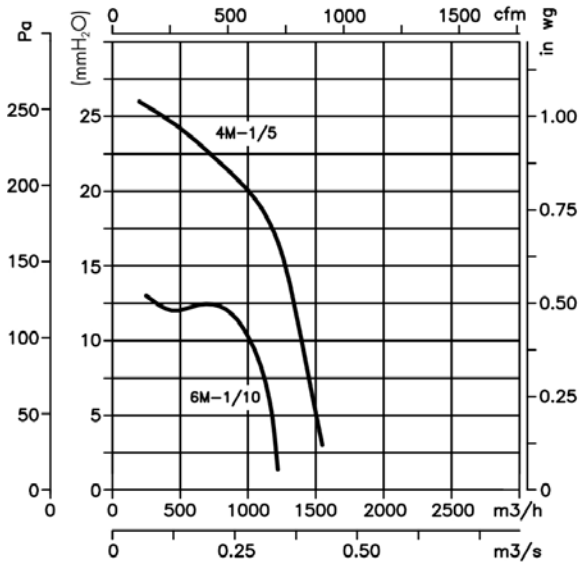
Model	A	B	C	D1	D2	E	L	K
CJBD/ALG-1919	490	490	490	428	428	91	226	247
CJBD/ALG-2525	550	550	550	488	488	86	279	317
CJBD/ALG-2828	605	605	605	543	543	88	306	343
CJBD/ALG-3333	680	680	680	618	618	84	360	404
CJBD/ALG-3939	855	855	855	793	793	119	423	490

Characteristic curves

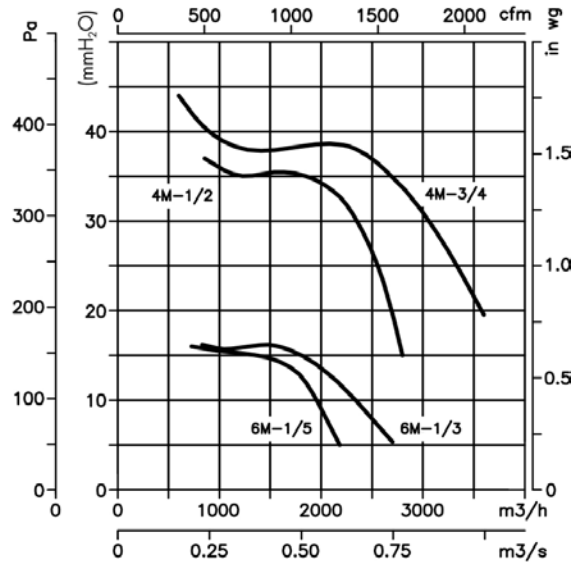
Q= Flow rate in m³/h, m³/s and cfm.

Pe= Static pressure in mm H₂O, Pa and inwg.

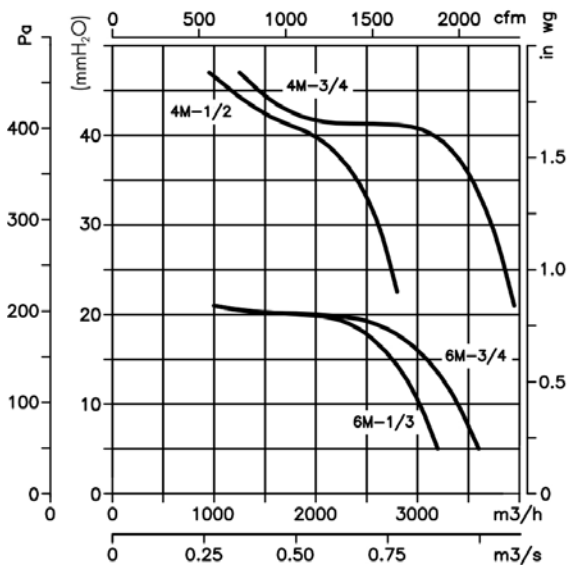
1919



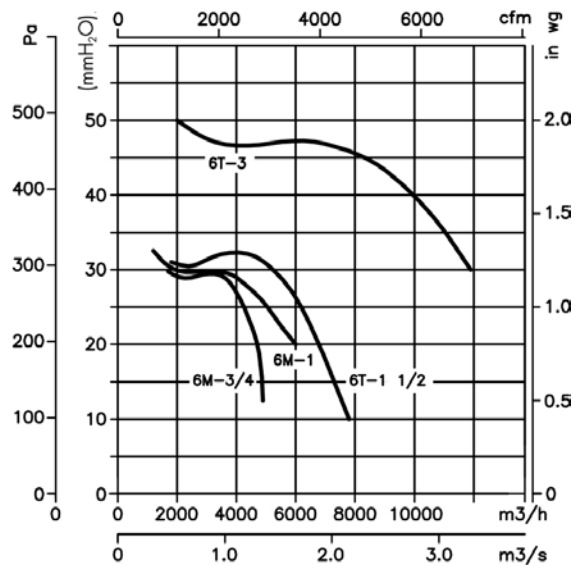
2525



2828



3333/3939



Accessories



INT

C2V

RM

VSD3/A-RFT

AET

TEJ

VIS