CJMP/AL

Non-sparking aluminum ventilation units for use in rooms with natural gas boilers

Low and medium pressure fans with non-sparking aluminum construction, for use in rooms with natural gas boilers according to the UNE 60601 standard, not suitable for ATEX risk areas.

Fan:
- Forward curved impeller in aluminum sheet.
- Galvanised sheet steel structure.
- Maximum temperature of air to be carried: -25 ºC +120 ºC.

Motor:
- Class F motors with ball bearings and IP55 protection.
- Single-phase 230 V 50 Hz.
- Working temperature: -25 ºC +50 ºC.

Finish:
- Galvanised steel sheet.

On request:
- Special windings for different voltages.
- ATEX certified Category 2.

Dynamically balanced rotors with extremely robust cores

Order code

CJMP	/	AL	–	616	–	4M
CJMP/AL: Non-sparking aluminum ventilation units for use in rooms with natural gas boilers		Non-sparking aluminum construction		Impeller size		Number of motor poles 4=1500 r/min 50 Hz M = Single-phase

Technical characteristics

Model	Speed	Maximum admissible current (A)	Installed power	Maximum flow rate	Sound pressure level[1] dB (A)	Approx. weight
	(r/min)	230V	(kW)	(m^3/h)	Irradiated	(Kg)
CJMP/AL-512-4M	1370	0.83	0.09	255	42	9
CJMP/AL-514-4M	1370	0.83	0.09	565	45	11
CJMP/AL-616-4M	1370	0.83	0.09	850	48	15
CJMP/AL-820-4M	1440	1.90	0.25	1670	53	18

1. The noise level values are pressures in dB(A) measured at a distance of 3 metres in a free field.

Erp. (Energy Related Products)

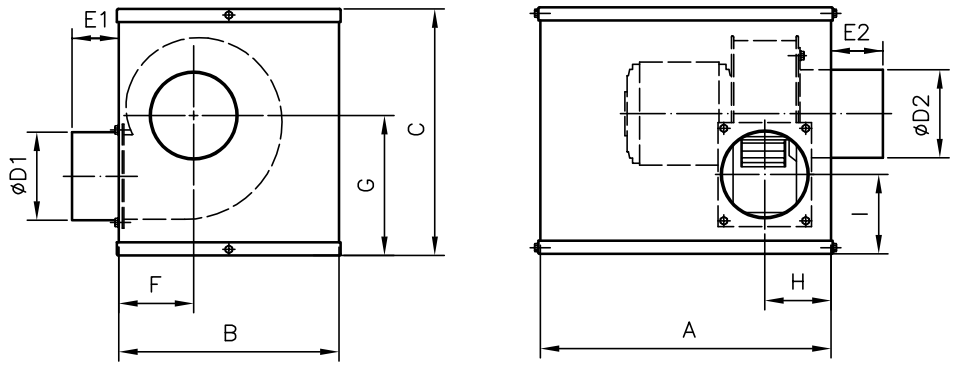
Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Acoustic characteristics

The values given are obtained under laboratory conditions according to ISO 3744.
Sound power spectrum Lw(A) in dB(A) per Hz frequency band
Irradiated values at maximum flow rate

	63	125	250	500	1000	2000	4000	8000
CJMP/AL-512-4M	27	37	48	55	59	56	54	47
CJMP/AL-514-4M	30	40	51	58	62	59	57	50
CJMP/AL-616-4M	33	43	54	61	65	62	60	53
CJMP/AL-820-4M	38	48	59	66	70	67	65	58

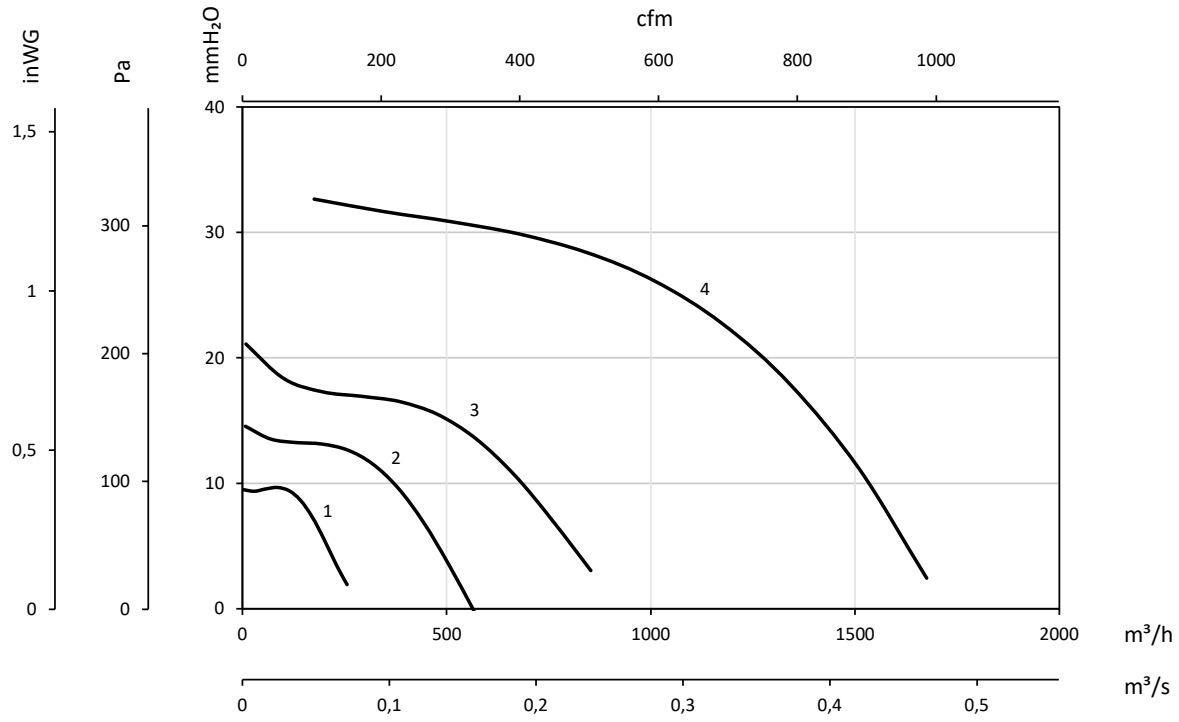
Dimensions mm



	A	B	C	øD1	øD2	E1	E2	F	G	H	I
CJMP/AL-512	330	250	280	100	100	53	59	85	159	75	90
CJMP/AL-514	330	270	320	125	125	53	58	104	190	82	100
CJMP/AL-616	370	300	370	135	135	53	52	114	217	100	110
CJMP/AL-820	450	400	450	135	195	53	51	142	267	112	130

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg



1 : CJMP/AL-512-4M
2 : CJMP/AL-514-4M
3 : CJMP/AL-616-4M
4 : CJMP/AL-820-4M

Accessories

INT | INT/ATEX | RPA | BD | BIC | ACE/ATEX | VIS | TEJ | S