

CJVR

Ventilation units for rectangular ducts in Magnelis sheet steel with maximum corrosion resistance according to ISO 12944



CJVR-RE



CJVR



In-line ventilation units for rectangular ducts with high efficiency backward curved impeller, removable side covers and external connections box.

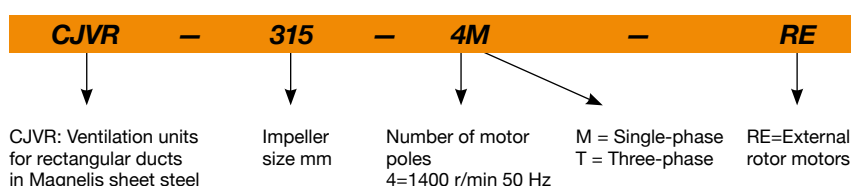
Fan:

- Structure in category C5 anti-corrosive Magnelis sheet steel.
- Flanges for connection to rectangular duct in inlet and outlet.
- Removable covers for installation and maintenance.
- Linear airflow direction.
- Backward curved impeller in sheet steel, with polyester resin anti-corrosive treatment.
- RE version: Aluminum backward curved impeller.

Motor:

- IE3 efficiency motors, class F, ball bearings and IP55 protection from model 450 and up.
- RE version: External rotor motors, with built-in thermal protector, class F, ball bearings and IP54 protection.
- Single-phase 230 V 50 Hz and three-phase 230/400 V 50 Hz.
- Maximum temperature of air to be carried: -25 °C +60 °C.

Order code



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Impeller size mm

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

M = Single-phase
T = Three-phase

RE=External rotor motors

Technical characteristics

Model	Speed (r/min)	Voltage (V)	Maximum admissible current (A)		Installed mechanical power (kW)	Max. electric power (kW)	Phases	Maximum flow rate (m³/h)	Sound pressure level¹ dB (A) Irradiated	Approx. weight (Kg)
			230V	400V						
CJVR-315-4M-RE	1400	230	0.60		0.14	0.16	1	1620	51	10
CJVR-355-4M-RE	1400	230	0.75		0.17	0.21	1	1910	55	14
CJVR-400-4T-RE	1410	Δ230 / Y400	2.07	1.20	0.52	0.53	3	3720	58	34
CJVR-400-4T	1420	Δ230 / Y400	2.40	1.40	0.55	0.56	3	4165	61	49
CJVR-450-4T	1455	Δ230 / Y400	4.17	2.40	1.10	0.94	3	5870	60	66
CJVR-500-4T	1435	Δ230 / Y400	5.90	3.40	1.50	1.67	3	9040	63	83
CJVR-560-4T	1440	Δ230 / Y400	11.00	6.31	3.00	3.20	3	12130	65	107

1. Irradiated sound pressure levels obtained at a distance of 3 m in a free field, with rigid inlet/exhaust tubes.



Erp. (Energy Related Products)

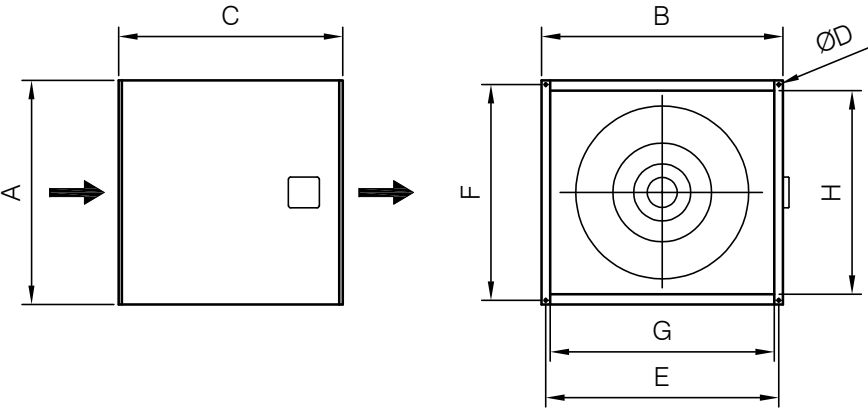
Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

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
Values measured at inlet with maximum velocity and flow rate

	63	125	250	500	1000	2000	4000	8000		63	125	250	500	1000	2000	4000	8000
CJVR-315-4M-RE	84	83	72	66	60	58	57	48	CJVR-450-4T	90	90	83	77	69	68	65	67
CJVR-355-4M-RE	86	88	74	69	63	60	63	55	CJVR-500-4T	90	93	86	77	75	72	69	72
CJVR-400-4T-RE	90	88	79	75	67	64	63	71	CJVR-560-4T	91	95	88	79	77	74	73	73
CJVR-400-4T	87	90	80	77	72	72	72	72									

Dimensions mm



	A	B	C	ØD	E	F	G	H
CJVR-315-RE	400	450	400	10	425	375	400	340
CJVR-355-RE	500	550	500	10	525	475	500	440
CJVR-400-RE	550	600	600	10	575	525	550	490
CJVR-400	550	600	600	10	575	525	550	490
CJVR-450	650	700	700	10	675	625	650	590
CJVR-500	750	800	800	10	775	725	750	690
CJVR-560	800	850	850	10	825	775	800	740

Accessories



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

