

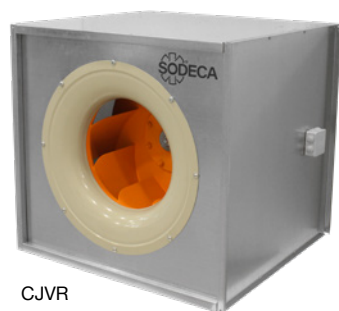
CJVR

60
Hz

In-line ventilation units for rectangular ducts with high efficiency backward curved impeller



CJVR-RE



CJVR

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

Fan:

- Galvanised sheet steel structure.
- 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.
- RE version: External rotor motors, with built-in thermal protector, class F, ball bearings and IP54 protection.
- Single-phase 220-277 V 60 Hz and three-phase 220-277/380-480 V 60 Hz, except 5.5 kW 380-480 V 60 Hz.
- Maximum temperature of air to be carried: -25 °C +60 °C.

Order code

CJVR – 315 – 4M – RE – 60Hz

CJVR: In-line ventilation units for rectangular ducts with high efficiency backward curved impeller

Impeller size mm

Number of motor poles
4= 1400 r/min 60 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 (m ³ /h)	Sound pressure level ¹ dB (A) Irradiated	Approx. weight (Kg)
			230V	400V						
CJVR-315-4M-RE	1580	220	0.80		0.18	0.21	1	1865	54	10
CJVR-355-4M-RE	1460	220	1.20		0.25	0.30	1	2220	58	14
CJVR-400-4T-RE	1610	Δ230 / Y380	2.57	1.15	0.81	0.78	3	4360	61	34
CJVR-400-4T	1680	Δ230 / Y380	2.61	1.50	0.75	0.87	3	4895	67	52
CJVR-450-4T	1740	Δ230 / Y380	5.90	3.40	1.50	1.51	3	6965	67	67
CJVR-500-4T	1755	Δ230 / Y380	8.20	4.70	2.20	2.69	3	10665	71	91
CJVR-560-4T	1750	Δ380		10.70	5.50	5.53	3	14395	73	129

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

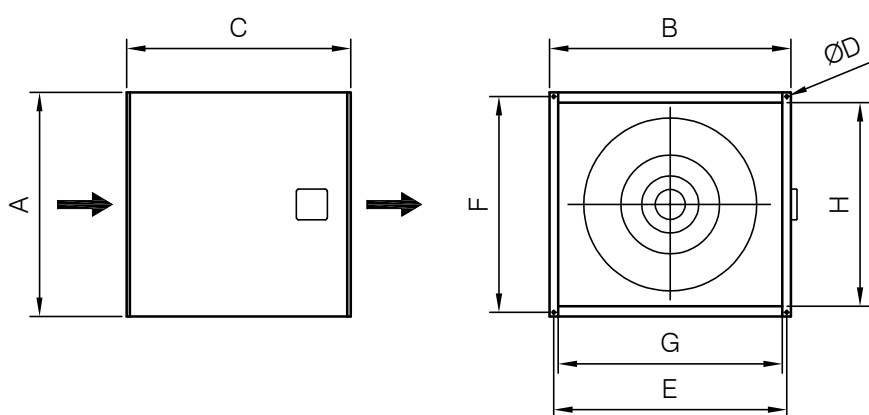
Acoustic characteristics

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	87	86	75	69	63	61	60	51		CJVR-450-4T	97	97	90	84	76	75	72	74
CJVR-355-4M-RE	89	91	77	72	66	63	66	58		CJVR-500-4T	98	101	94	85	83	80	77	80
CJVR-400-4T-RE	93	91	82	78	70	67	66	74		CJVR-560-4T	99	103	96	87	85	82	81	81
CJVR-400-4T	93	96	86	83	78	78	78	78										

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



INT



RM



VSD3/A-RFT
- VSD1/A-RFM



VSD1/M



RMC



KIT CAUDAL
CONSTANTE



SI-HUMEDAD

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inWG

