

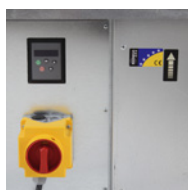
CJV/EW



EC TECHNOLOGY WITH INTEGRATED VSD



Extract fans with automatic operation, vertical air outlet, EC Technology motor and constant pressure control for homes



Model CJV/EW-1800/T approved for 400 °C/2h

Fan:

- Extraction units with vertical drive and two circular extraction mouths.
- Galvanized steel sheet casing.
- Forward curved impeller in galvanized sheet steel.
- Single-phase electronic speed drive (VSD), included with the fan.

Motor:

- New high-efficiency synchronous EC motors (IE4). Equipped with high intensity neodymium magnets.
- High reliability and maintenance free sensorless control.
- Fitted with long-life ball bearings.
- IP55 protection.
- Fan working temperature: -25 °C +60 °C.
- CJV/EW-1800/T: fan operating temperature: S1 -25°C +60 °C continuous operation. 400°C/2h S2 operation.
- Approved in accordance with standard EN 12101-3.

Electronic speed drive:

- Speed adjusted according to pressure setpoint.
- Automatic PI control built into the variable speed drive and differential pressure sensor.
- Drive parameters easily configurable through display and keypad.
- Supplied with safety ON/OFF switch, fully wired and ready to be installed.
- Available with single-phase input 220-240 V 50/60 Hz.
- Working temperature (VSD): -25 °C + 50 °C.

Finish:

- Anti-corrosive in galvanized steel sheet prepared to be installed outdoors.

On request:

- Fan with horizontal outlet.

Technical characteristics

| Model | Speed | Single-phase VSD 230 V 50/60 Hz Maximum current input (A) | Max. electric power | Sound pressure level | Approx. weight |
|---------------|----------|--|---------------------|----------------------|----------------|
| | min/max | | | min/max | |
| | (r/min) | | (W) | Lp dB (A) | (Kg) |
| CJV/EW-1800 | 300/1800 | 5.2 | 660 | 21 / 60 | 35 |
| CJV/EW-1800/T | 300/1800 | 5.2 | 660 | 21 / 60 | 35 |



Erp. (Energy Related Products)

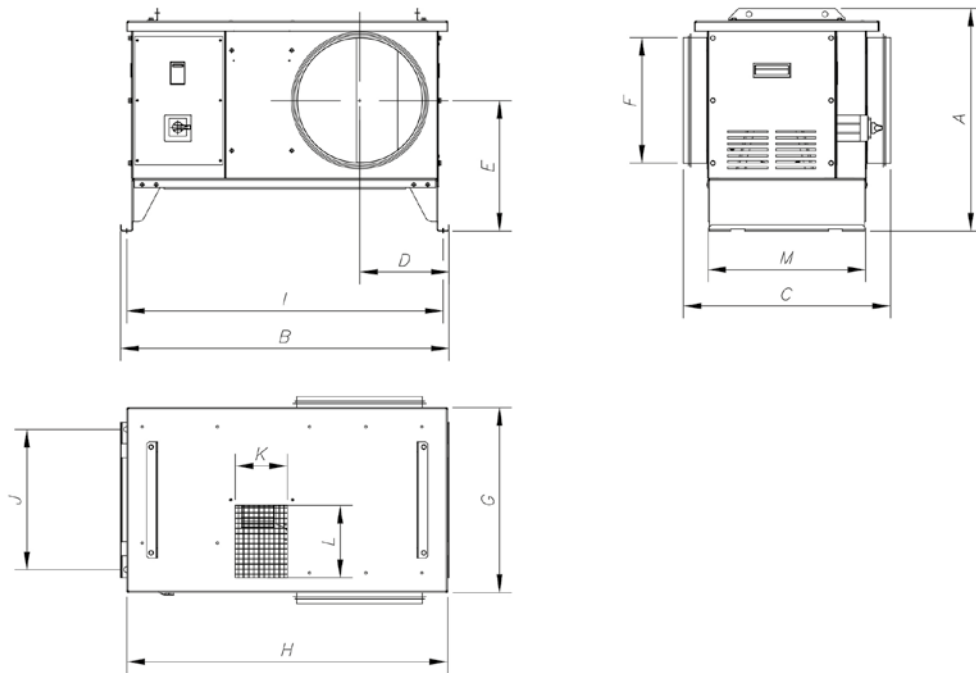
Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Acoustic characteristics

Sound power spectrum Lw(A) in dB(A) per Hz frequency band
Irradiated values at 1700 m³/h -250 Pa

| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---------------|----|-----|-----|-----|------|------|------|------|
| CJV/EW-1800 | 44 | 54 | 65 | 72 | 76 | 73 | 71 | 64 |
| CJV/EW-1800/T | 44 | 54 | 65 | 72 | 76 | 73 | 71 | 64 |

Dimensions mm



| | A | B | C | D | E | F | G | H | I | J | K | L | M |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CJV/EW-1800 | 560 | 815 | 520 | 225 | 325 | 315 | 460 | 800 | 780 | 345 | 130 | 180 | 395 |
| CJV/EW-1800/T | 560 | 815 | 520 | 225 | 325 | 315 | 460 | 800 | 780 | 345 | 130 | 180 | 395 |

Accessories



Characteristic curves

Flow rate in m³/h. Static pressure in Pa. Electric power in W. Irradiated sound pressure at 4 m.

