

# CKD



F400 extractor fan units with a large door for ease of maintenance and 40 mm acoustic insulation slab



#### Fan:

Galvanised sheet steel structure.

- 40 mm acoustic insulation.
- Forward curved impeller in galvanized sheet steel.
- Approved in accordance with standard EN 12101-3, with certificate no.: 0370-CPR-2358.
- Changeable opening door direction thanks to its interchangeable hinges.
- Adjustable in different positions.
- Prepared for continuous work at 120 °C.
  Motor cover accessory (CM) supplied with fan.

#### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Single-phase 230 V 50 Hz and threephase 230/400 V 50 Hz.
- + Working temperature: -25 °C +120 °C.

#### Finish:

Anti-corrosive in galvanized steel sheet.

#### On request:

· Special windings for different voltages.

# Order code



## **Technical characteristics**

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure level	Approx. weight
	(r/min)	230V	400V	(kW)	(m³/h)	dB (A)	(Kg)
CKD-250-4T-1.5 IE3	1455	4.07	2.34	1.1	3160	69	48
CKD-280-4T-3 IE3	1435	7.93	4.56	2.2	4880	73	60



## 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 indicated values are determined by measuring the sound pressure level and sound power in dB(A) obtained in a free field at a distance equivalent to twice the size of the fan plus the impeller diameter, with a minimum of 1.5 m.

Sound power spectrum Lw(A) in dB(A) per H	z frequency band
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	63	125	250	500	1000	2000	4000	8000
CKD-250-4	53	79	74	73	66	67	60	60
CKD-280-4	53	82	78	76	70	71	63	63

#### **Dimensions mm**



# Accessories





# **Characteristic curves**

Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm

Pe= Static pressure in mm  $H_2O$ , Pa and inwg



## **Orientations**

Standard supply: LG 0





### Installation

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The CKD/CKDR fans can be wall-mounted using angle brackets.

