

HCRE/EC

Wall mounted axial fans with EC Technology external rotor motor



Wall mounted axial fans with EC Technology external rotor motor, specially designed to obtain high energy efficiency.

Fan:

- Steel sheet support frame.
- Protection grid against contacts according to UNE-EN ISO 12499.
- Plastic impeller (sizes 40 and 45) and sheet steel impeller (sizes 50 and 63).
- Grille impeller airflow direction.

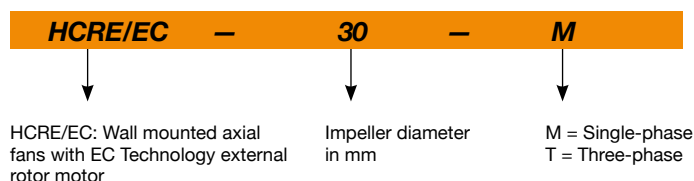
Motor:

- High efficiency EC Technology motors, outer rotor adjustable via 0-10 V signal. IP44 protection.
- Single-phase 230 V 50/60 Hz and three-phase 400 V 50/60 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Anti-corrosive finish in polyester resin, polymerised at 190 °C, after degreasing with phosphate-free nanotechnology treatment.

Order code



Technical characteristics

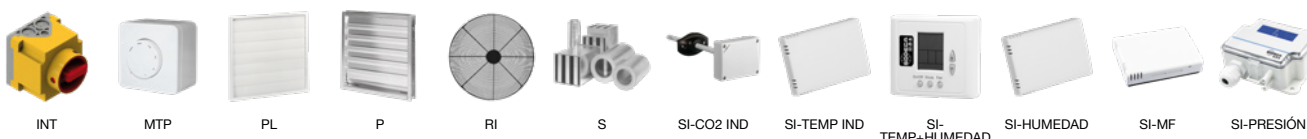
Model	Max. speed (r/min)	Maximum admissible current (A)		Max. electric power (W)	Maximum flow rate (m³/h)	Sound pressure level dB (A)	Approx. weight (Kg)	According ErP
		230V	400V					
HCRE/EC-40-M	1914	2,20	-	480	4970	71	6	2015
HCRE/EC-45-T	2000	-	1.80	1080	8390	75	11	2015
HCRE/EC-50-T	1800	-	1.60	960	9800	78	16	2015
HCRE/EC-63-T	1250	-	1.85	1100	14220	78	24	2015



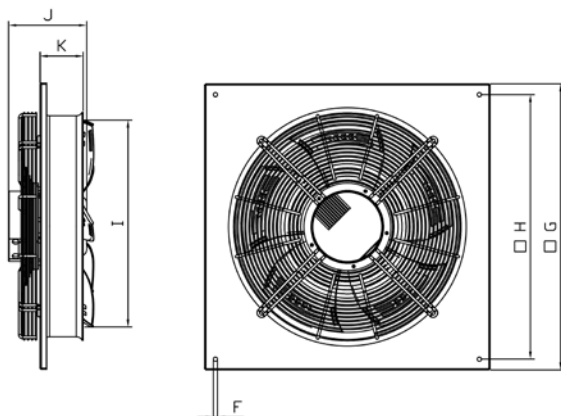
Erp. (Energy Related Products)

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

Accessories



Dimensions mm



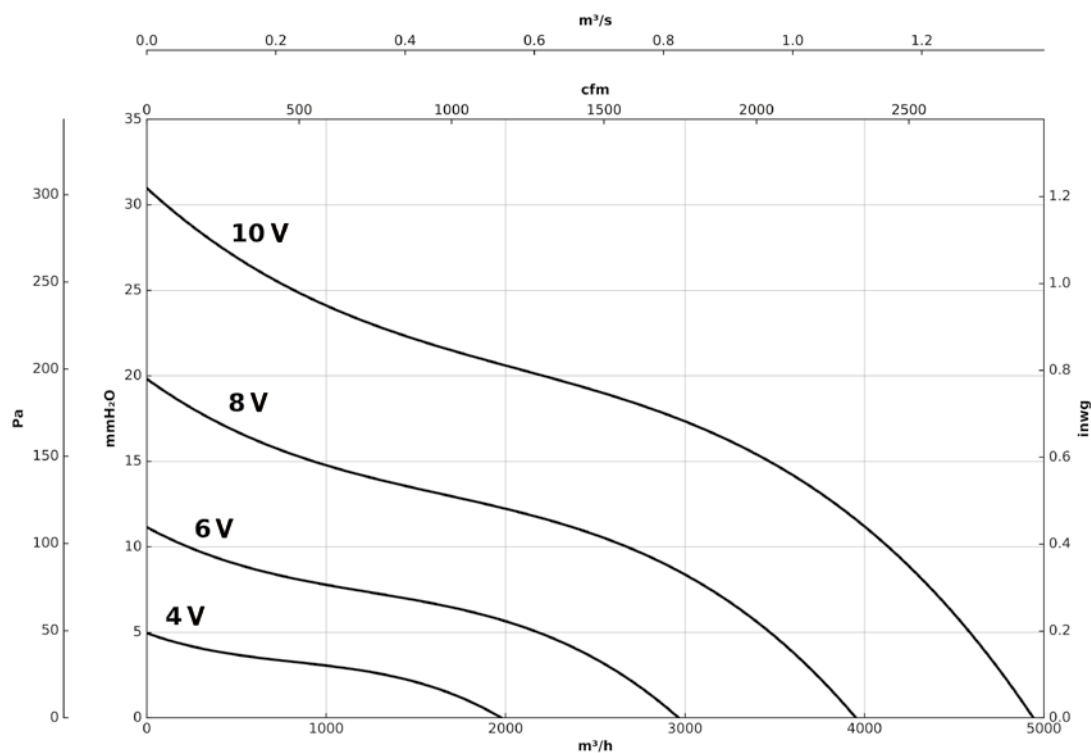
	ØF	G	H	ØI	J	K
HCRE/EC-40-M	10	540	490	430	151.4	96
HCRE/EC-45-T	10	575	520	480	182	100
HCRE/EC-50-T	10	665	615	530	182	100
HCRE/EC-63-T	12	805	750	706	192.5	135

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

HCRE/EC-40-M

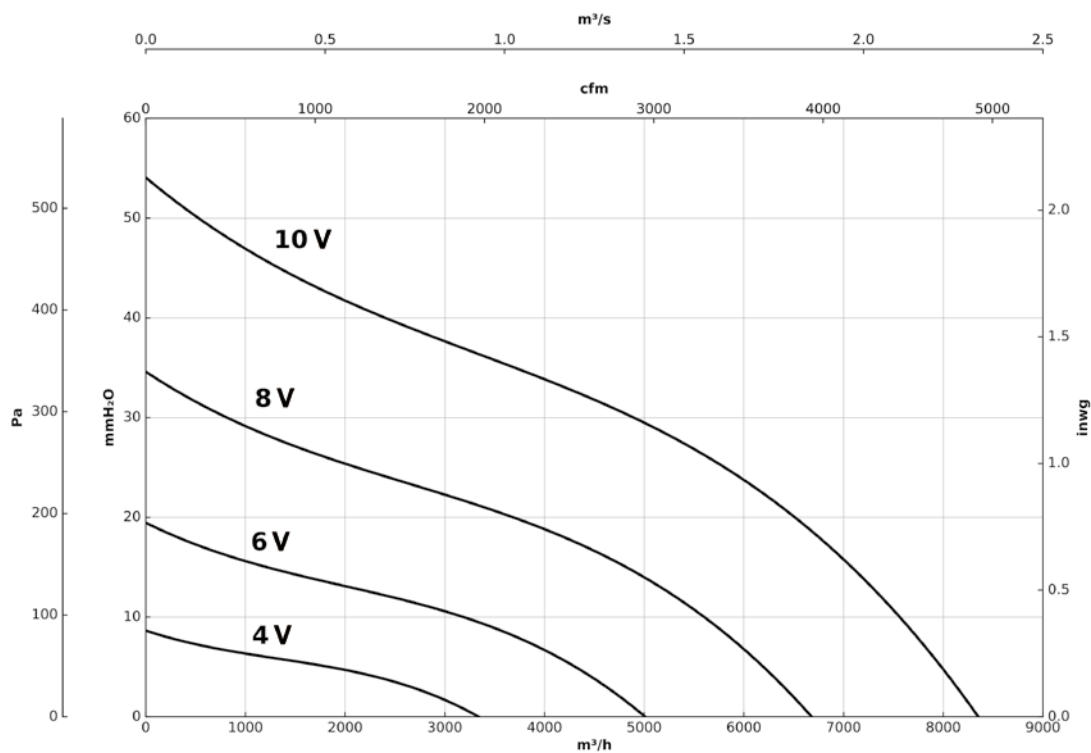


Characteristic curves

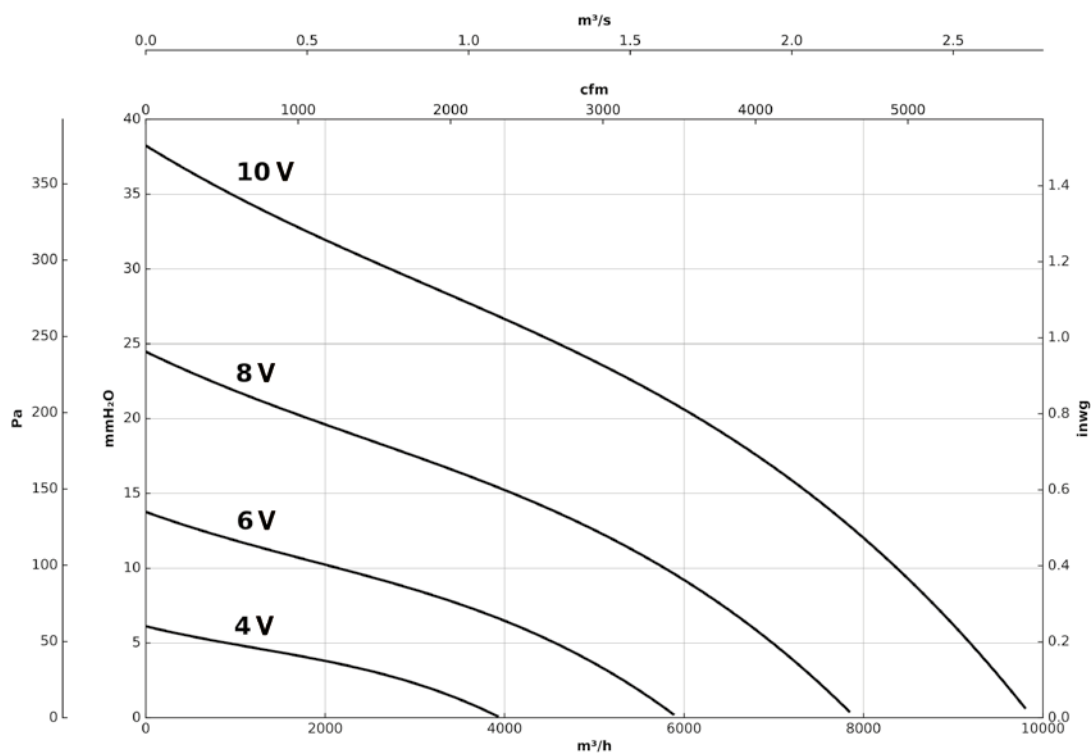
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

HCRE/EC-45-T



HCRE/EC-50-T



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

HCRE/EC-63-T

