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 ºC +60 ºC.

Finish:
- Anti-corrosive finish in polyester resin, polymerised at 190 ºC, after degreasing with phosphate-free nanotechnology treatment.

Order code

HCRE/EC — 30 — M

HCRE/EC: Wall mounted axial fans with EC Technology external rotor motor	Impeller diameter in mm	M = Single-phase T = Three-phase

Technical characteristics

Model	Max. speed	Maximum admissible current (A)		Max. electric power	Maximum flow rate	Sound pressure level	Approx. weight	According ErP
	(r/min)	230V	400V	(W)	(m^3/h)	dB (A)	(Kg)	
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

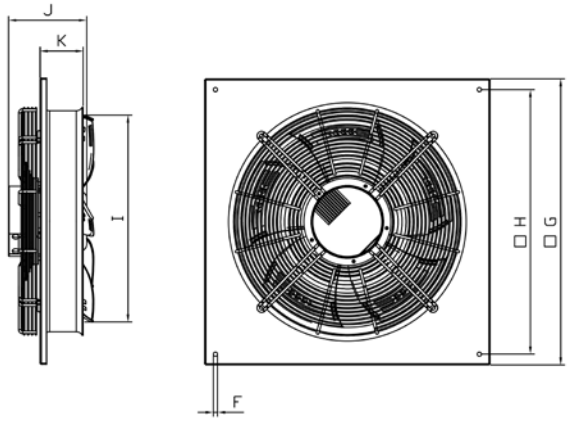
Erp. (Energy Related Products)

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

Accessories

INT | MTP | PL | P | RI | S | SI-CO2 IND | SI-TEMP IND | SI-TEMP+HUMEDAD | SI-HUMEDAD | SI-MF | SI-PRESIÓN

Dimensions mm

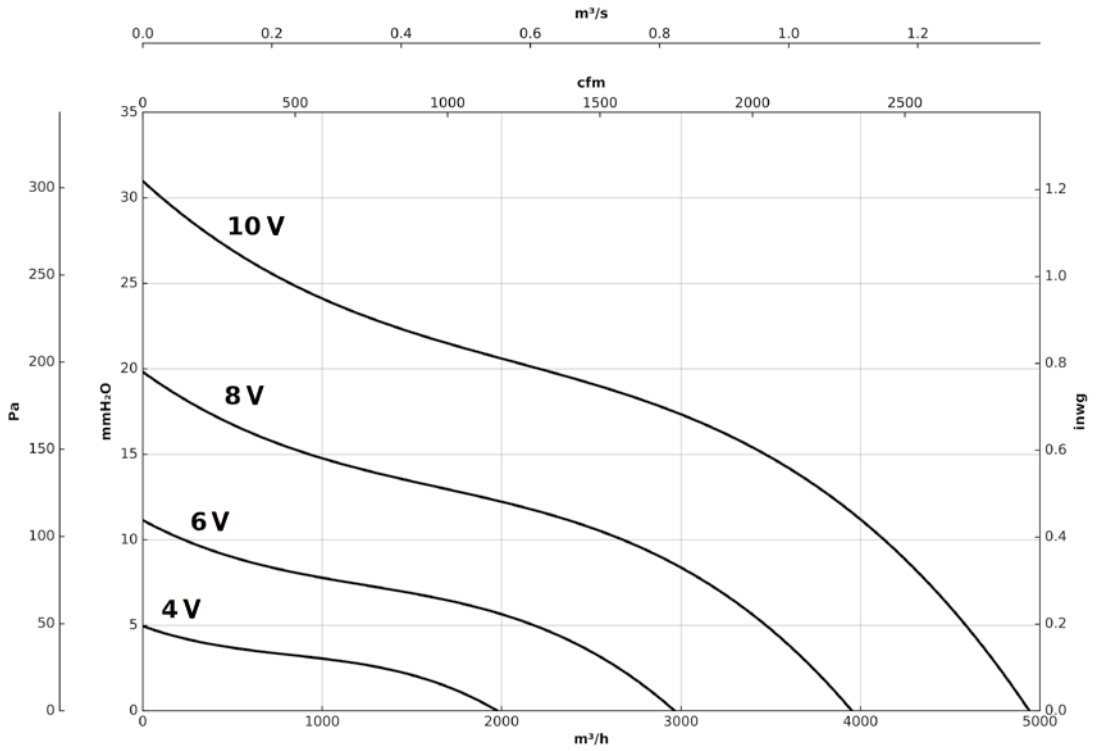


	ØF	G	H	ØI	J	K
HCRE/EC-40-M	10	540	490	430	151.4	96
HCRE/EC-45-T	10	575	520	480	182	100
HCRE/EC-50-T	10	665	615	530	182	100
HCRE/EC-63-T	12	805	750	706	192.5	135

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

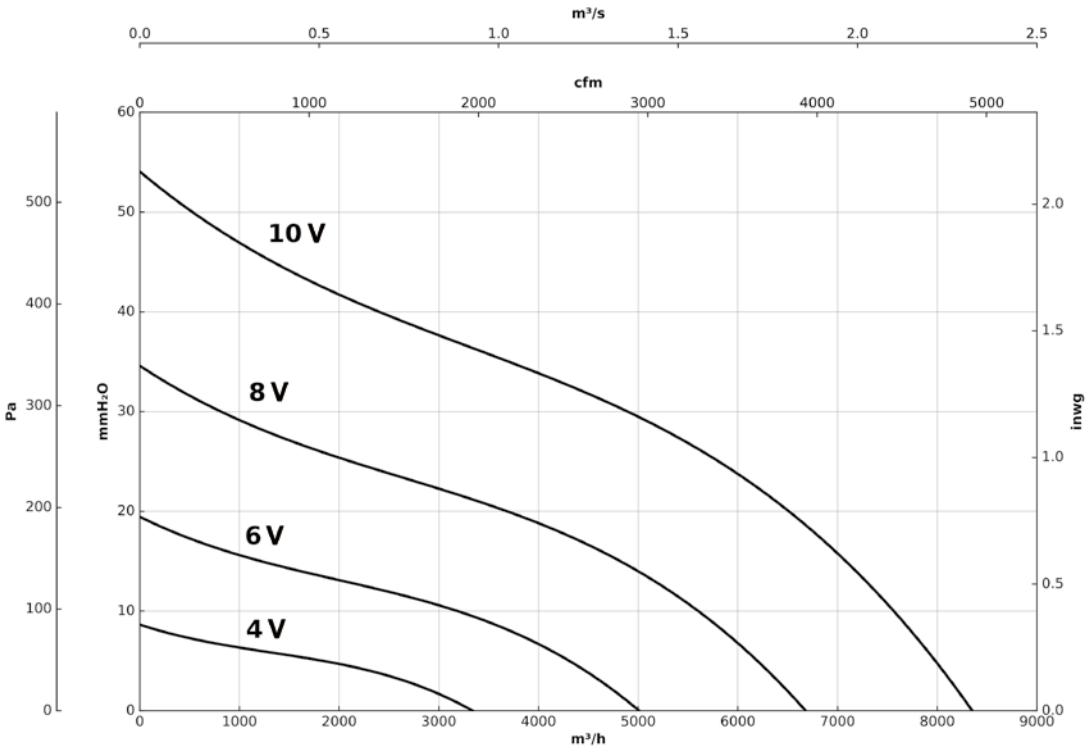
HCRE/EC-40-M



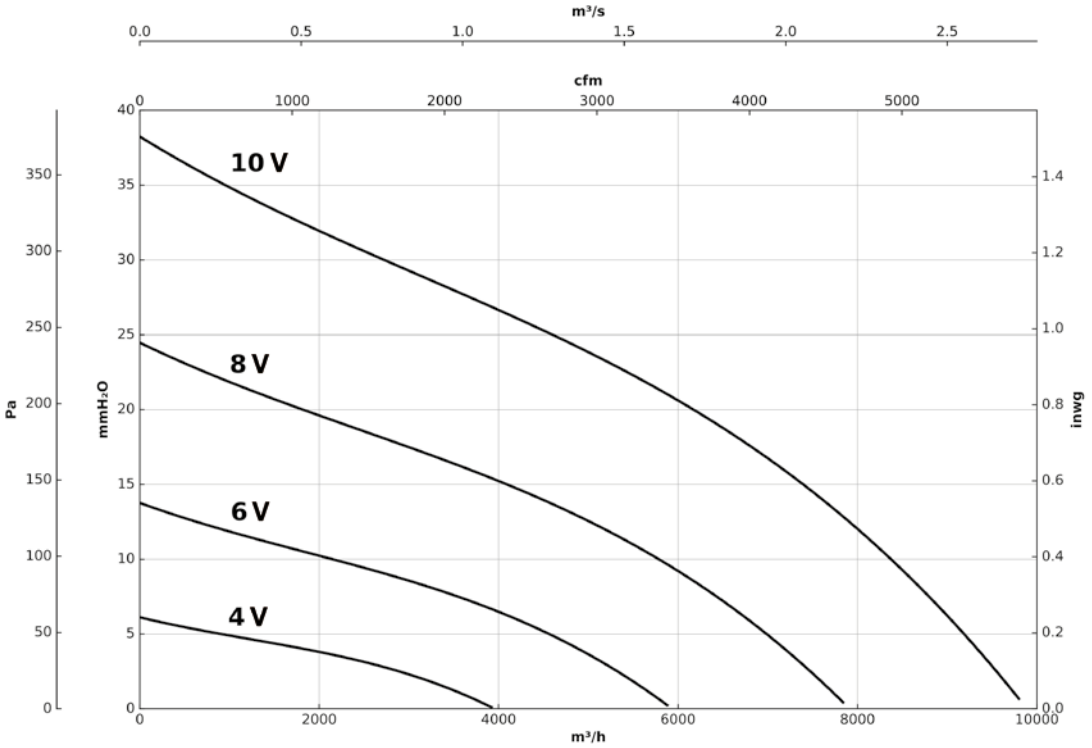
Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, 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 H_2O, Pa and inwg

HCRE/EC-63-T