



ΠΙΣΤΟΠΟΙΗΤΙΚΑ

CERTIFICATES



ErP REPORT

ECODESIGN INFORMATION

According to Regulation EU No 327/2011 of the European Commission, implementing Directive 2009/125/CE of European Parliament
Apply to fans

SODECA, S.L.U.

www.sodeca.com

ERP: Performance at the best efficiency point (BEP)

MC	Measurement category
EC	Efficiency category
VSD	Variable Speed Drive
SR	Specific ratio

Measurement category
Efficiency category
Variable Speed Drive
Specific ratio

[m ³ /h]	Flow rate
[Pa]	Static pressure / Total pressure
[RPM]	Speed

Flow rate
Static pressure / Total pressure
Speed

ηe [%]	Efficiency
N	Efficiency grade
[kW]	Input power

Efficiency
Efficiency grade
Input power

Model	MC	EC	VSD	SR	ηe[%]	N	[kW]	[m ³ /h]	[Pa]	[RPM]
HC-25-4T/H										
ErP Exclude. Pe < 125 W										
HC-25-4M/H										
ErP Exclude. Pe < 125 W										
HC-31-2T/H	A	Static	VSD not necessary	1.00	31.6	41.6	0.259	1781	165	2766
HC-31-2M/H	A	Static	VSD not necessary	1.00	31.6	41.6	0.259	1781	165	2720
HC-31-4T/H										
ErP Exclude. Pe < 125 W										
HC-31-4M/H										
ErP Exclude. Pe < 125 W										
HC-35-2T/H	A	Static	VSD not necessary	1.00	35.6	43.4	0.58	3352	223	2703
HC-35-4T/H	A	Static	VSD not necessary	1.00	31.5	43.1	0.14	2044	80	1371
HC-35-4M/H	A	Static	VSD not necessary	1.00	30.3	41.9	0.148	1923	84	1419
HC-40-4T/H	A	Static	VSD not necessary	1.00	30.9	40.7	0.279	3552	87	1400
HC-40-4M/H	A	Static	VSD not necessary	1.00	30.4	40.2	0.283	3552	87	1415
HC-45-4T/H	A	Static	VSD not necessary	1.00	36.3	45	0.42	4282	129	1403
HC-45-4M/H	A	Static	VSD not necessary	1.00	34.9	43.5	0.44	4282	129	1426
HC-45-6T/H	A	Static	VSD not necessary	1.00	29.8	40.7	0.184	2675	74	956
HC-45-6M/H	A	Static	VSD not necessary	1.00	29.3	40.2	0.187	2675	74	978
HC-50-4T/H	A	Static	VSD not necessary	1.00	34.2	41.8	0.61	5349	141	1412
HC-50-4M/H	A	Static	VSD not necessary	1.00	34.2	41.9	0.611	5349	141	1390
HC-56-4T/H IE3	A	Static	VSD not necessary	1.00	36.9	43.2	1.034	8350	165	1464
HC-56-6T/H	A	Static	VSD not necessary	1.00	32.6	41.8	0.35	5086	81	941
HC-56-6M/H	A	Static	VSD not necessary	1.00	34.4	43.8	0.334	5086	81	941
HC-63-4T/H IE3	C	Static	VSD not necessary	1.00	41.8	47.8	1.119	9340	180	1461
HC-63-6T/H	C	Static	VSD not necessary	1.00	33.4	41.5	0.52	7201	87	913
HC-63-6M/H	C	Static	VSD not necessary	1.00	33.1	41.2	0.516	6467	95	905
HC-71-4T/H IE3	C	Static	VSD not necessary	1.00	44.8	49.7	1.682	13627	199	1441
HC-71-6T/H IE3	C	Static	VSD not necessary	1.00	35.7	43.2	0.647	9630	86	959
HC-71-6M/H	B	Total	VSD not necessary	1.00	54.8	61.8	0.805	15790	101	926
HC-80-4T/H IE3	C	Static	VSD not necessary	1.00	49.8	53	3.161	19996	283	1444
HC-80-6T/H IE3	C	Static	VSD not necessary	1.00	46.2	52.8	0.898	12583	119	943
HC-90-4T/H IE3	C	Static	VSD not necessary	1.00	50.4	53.3	3.562	24382	265	1460
HC-90-6T/H IE3	C	Static	VSD not necessary	1.00	41.8	46.9	1.577	15731	151	956
HC-100-4T/H IE3	C	Static	VSD not necessary	1.00	48.9	50.4	5.788	28190	361	1466
HC-100-6T/H IE3	C	Static	VSD not necessary	1.00	54.8	59.6	1.759	20265	171	951