

## 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)

<b>MC</b>	Measurement category
<b>EC</b>	Efficiency category
<b>VSD</b>	Variable Speed Drive
<b>SR</b>	Specific ratio

<b>[m³/h]</b>	Flow rate
<b>[Pa]</b>	Static pressure / Total pressure
<b>[RPM]</b>	Speed

<b>ηe [%]</b>	Efficiency
<b>N</b>	Efficiency grade
<b>[kw]</b>	Input power

Model	MC	EC	VSD	SR	ηe[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
HCH35-2T/PL	A	Static	VSD not necessary	1.00	37.1	45.2	0.520	2998	229	2737
HCH35-4T/PL	A	Static	VSD not necessary	1.00	28.0	40.1	0.125	1857	68	1375
HCH40-4T-0.33/PL	A	Static	VSD not necessary	1.00	32.0	41.7	0.290	3401	98	1396
HCH45-4T-0.5/PL	A	Static	VSD not necessary	1.00	33.4	41.8	0.470	4228	135	1392
HCH45-4M-0.5/PL	A	Static	VSD not necessary	1.00	32.3	40.5	0.493	4228	135	1417
HCH56-4T-0.75/PL	A	Static	VSD not necessary	1.00	33.2	40.6	0.660	6808	116	1405
HCH56-4T-1/PL IE3	A	Static	VSD not necessary	1.00	34.7	41.9	0.728	6599	138	1436
HCH56-4T-1.5/PL IE3	B	Total	VSD not necessary	1.00	66.6	73.1	0.947	12945	175	1467
HCH56-4T-2/PL IE3	B	Total	VSD not necessary	1.00	53.8	59.0	1.525	13761	215	1447
HCH56-6T-0.33/PL	A	Static	VSD not necessary	1.00	31.4	41.7	0.240	3564	75	943
HCH63-4T-1/PL IE3	C	Static	VSD not necessary	1.00	47.3	54.3	0.757	8989	143	1433
HCH63-4T-1.5/PL IE3	C	Static	VSD not necessary	1.00	47.0	52.9	1.137	10593	181	1460
HCH63-4T-2/PL IE3	C	Static	VSD not necessary	1.00	47.0	52.4	1.418	11688	205	1451
HCH63-4T-3/PL IE3	C	Static	VSD not necessary	1.00	36.9	41.3	2.040	14963	181	1448
HCH63-4T-4/PL IE3	B	Total	VSD not necessary	1.00	66.8	69.8	3.311	23293	342	1442
HCH63-6T-0.5/PL	C	Static	VSD not necessary	1.00	32.7	41.1	0.470	6417	87	921
HCH63-6T-0.75/PL	C	Static	VSD not necessary	1.00	32.6	40.6	0.550	6936	93	933
HCH71-4T-1.5/PL IE3	C	Static	VSD not necessary	1.00	55.3	61.2	1.177	11355	206	1459
HCH71-4T-2/PL IE3	C	Static	VSD not necessary	1.00	52.4	57.7	1.445	13256	205	1450
HCH71-4T-3/PL IE3	C	Static	VSD not necessary	1.00	47.0	51.3	2.152	14513	251	1445
HCH71-4T-4/PL IE3	C	Static	VSD not necessary	1.00	39.5	42.6	3.313	18688	252	1442
HCH71-6T-0.75/PL	C	Static	VSD not necessary	1.00	35.7	43.0	0.710	8036	114	913
HCH71-6T-1/PL IE3	C	Static	VSD not necessary	1.00	36.6	43.7	0.769	8550	118	951
HCH71-6T-1.5/PL IE3	C	Static	VSD not necessary	1.00	39.2	45.3	1.080	12806	119	956
HCH80-4T-3/PL IE3	C	Static	VSD not necessary	1.00	58.6	62.7	2.237	16178	292	1442
HCH80-4T-4/PL IE3	C	Static	VSD not necessary	1.00	55.6	58.8	3.156	19442	325	1444
HCH80-4T-5.5/PL IE3	C	Static	VSD not necessary	1.00	52.6	55.1	4.112	20980	371	1454
HCH80-6T-1/PL IE3	C	Static	VSD not necessary	1.00	49.9	56.5	0.904	12168	134	943
HCH80-6T-1.5/PL IE3	C	Static	VSD not necessary	1.00	48.3	53.9	1.333	15312	152	946
HCH80-6T-2/PL IE3	C	Static	VSD not necessary	1.00	43.8	48.6	1.773	16826	166	951
HCH80-6T-3/PL IE3	C	Static	VSD not necessary	1.00	37.6	41.6	2.318	18762	167	955
HCH90-4T-4/PL IE3	C	Static	VSD not necessary	1.00	59.9	63.0	3.266	20308	347	1443
HCH90-4T-5.5/PL IE3	C	Static	VSD not necessary	1.00	57.5	59.9	4.209	24635	354	1453
HCH90-4T-7.5/PL IE3	C	Static	VSD not necessary	1.01	55.1	56.6	5.806	26945	427	1466
HCH90-4T-10/PL IE3	C	Static	VSD not necessary	1.01	52.2	53.0	7.582	33102	430	1467
HCH90-6T-3/PL IE3	C	Static	VSD not necessary	1.00	44.7	48.7	2.396	22079	175	954
HCH90-6T-4/PL IE3	C	Static	VSD not necessary	1.00	39.7	43.0	3.019	22590	191	974
HCH100-4T-7.5/PL IE3	C	Static	VSD not necessary	1.00	52.8	54.3	5.768	27281	402	1467
HCH100-4T-10/PL IE3	C	Static	VSD not necessary	1.00	49.3	50.1	7.688	36164	377	1467
HCH100-6T-3/PL IE3	C	Static	VSD not necessary	1.00	49.2	53.1	2.368	23849	176	954
HCH100-6T-4/PL IE3	C	Static	VSD not necessary	1.00	44.7	47.6	3.451	28766	193	970
HCH100-6T-5.5/PL IE3	C	Static	VSD not necessary	1.00	42.7	44.9	4.530	32856	212	961
HCH35-2T/AL	A	Static	VSD not necessary	1.00	37.1	45.2	0.520	2998	229	2737
HCH35-4T/AL	A	Static	VSD not necessary	1.00	28.0	40.1	0.125	1857	68	1375
HCH40-2T-1.5/AL IE3	A	Static	VSD not necessary	1.00	35.7	42.0	0.980	4355	289	2873
HCH40-4T-0.33/AL	A	Static	VSD not necessary	1.00	32.0	41.7	0.290	3401	98	1396
HCH45-4T-0.5/AL	A	Static	VSD not necessary	1.00	33.4	41.8	0.470	4228	135	1392
HCH45-4M-0.5/AL	A	Static	VSD not necessary	1.00	32.3	40.5	0.493	4228	135	1417
HCH56-4T-0.75/AL	A	Static	VSD not necessary	1.00	33.2	40.6	0.660	6808	116	1405
HCH56-4T-1/AL IE3	A	Static	VSD not necessary	1.00	34.7	41.9	0.728	6599	138	1436
HCH56-4T-1.5/AL IE3	B	Total	VSD not necessary	1.00	66.6	73.1	0.947	12945	175	1467
HCH56-4T-2/AL IE3	B	Total	VSD not necessary	1.00	53.8	59.0	1.525	13761	215	1447
HCH56-6T-0.33/AL	A	Static	VSD not necessary	1.00	31.4	41.7	0.240	3564	75	943
HCH63-4T-1/AL IE3	C	Static	VSD not necessary	1.00	47.3	54.3	0.757	8989	143	1433
HCH63-4T-1.5/AL IE3	C	Static	VSD not necessary	1.00	47.0	52.9	1.137	10593	181	1460
HCH63-4T-2/AL IE3	C	Static	VSD not necessary	1.00	47.0	52.4	1.418	11688	205	1451
HCH63-4T-3/AL IE3	C	Static	VSD not necessary	1.00	36.9	41.3	2.040	14963	181	1448
HCH63-4T-4/AL IE3	B	Total	VSD not necessary	1.00	66.8	69.8	3.311	23293	342	1442
HCH63-6T-0.5/AL	C	Static	VSD not necessary	1.00	32.7	41.1	0.470	6417	87	921

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
HCH-63-6T-0.75/AL	C	Static	VSD not necessary	1.00	32.6	40.6	0.550	6936	93	933
HCH-71-4T-1.5/AL IE3	C	Static	VSD not necessary	1.00	55.3	61.2	1.177	11355	206	1459
HCH-71-4T-2/AL IE3	C	Static	VSD not necessary	1.00	52.4	57.7	1.445	13256	205	1450
HCH-71-4T-3/AL IE3	C	Static	VSD not necessary	1.00	47.0	51.3	2.152	14513	251	1445
HCH-71-4T-4/AL IE3	C	Static	VSD not necessary	1.00	39.5	42.6	3.313	18688	252	1442
HCH-71-6T-0.75/AL	C	Static	VSD not necessary	1.00	35.7	43.0	0.710	8036	114	913
HCH-71-6T-1/AL IE3	C	Static	VSD not necessary	1.00	36.6	43.7	0.769	8550	118	951
HCH-71-6T-1.5/AL IE3	C	Static	VSD not necessary	1.00	39.2	45.3	1.080	12806	119	956
HCH-80-4T-3/AL IE3	C	Static	VSD not necessary	1.00	58.6	62.7	2.237	16178	292	1442
HCH-80-4T-4/AL IE3	C	Static	VSD not necessary	1.00	55.6	58.8	3.156	19442	325	1444
HCH-80-4T-5.5/AL IE3	C	Static	VSD not necessary	1.00	52.6	55.1	4.112	20980	371	1454
HCH-80-6T-1/AL IE3	C	Static	VSD not necessary	1.00	49.9	56.5	0.904	12168	134	943
HCH-80-6T-1.5/AL IE3	C	Static	VSD not necessary	1.00	48.3	53.9	1.333	15312	152	946
HCH-80-6T-2/AL IE3	C	Static	VSD not necessary	1.00	43.8	48.6	1.773	16826	166	951
HCH-80-6T-3/AL IE3	C	Static	VSD not necessary	1.00	37.6	41.6	2.318	18762	167	955
HCH-90-4T-4/AL IE3	C	Static	VSD not necessary	1.00	59.9	63.0	3.266	20308	347	1443
HCH-90-4T-5.5/AL IE3	C	Static	VSD not necessary	1.00	57.5	59.9	4.209	24635	354	1453
HCH-90-4T-7.5/AL IE3	C	Static	VSD not necessary	1.01	55.1	56.6	5.806	26945	427	1466
HCH-90-4T-10/AL IE3	C	Static	VSD not necessary	1.01	52.2	53.0	7.582	33102	430	1467
HCH-90-6T-3/AL IE3	C	Static	VSD not necessary	1.00	44.7	48.7	2.396	22079	175	954
HCH-90-6T-4/AL IE3	C	Static	VSD not necessary	1.00	39.7	43.0	3.019	22590	191	974
HCH-100-4T-7.5/AL IE3	C	Static	VSD not necessary	1.00	52.8	54.3	5.768	27281	402	1467
HCH-100-4T-10/AL IE3	C	Static	VSD not necessary	1.00	49.3	50.1	7.688	36164	377	1467
HCH-100-4T-15/AL IE3	C	Static	VSD not necessary	1.01	48.9	48.9	11.265	44388	446	1472
HCH-100-4T-20/AL IE3	C	Static	VSD not necessary	1.01	45.2	45.1	13.183	46050	466	1472
HCH-100-6T-3/AL IE3	C	Static	VSD not necessary	1.00	49.2	53.1	2.368	23849	176	954
HCH-100-6T-4/AL IE3	C	Static	VSD not necessary	1.00	44.7	47.6	3.451	28766	193	970
HCH-100-6T-5.5/AL IE3	C	Static	VSD not necessary	1.00	42.7	44.9	4.530	32856	212	961