

## 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.

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### ERP: Performance at the best efficiency point (BEP)

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

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

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

Model	MC	EC	VSD	SR	ηe[%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
HTMH-56-4T-1 IE3	C	Static	VSD not necessary	1.00	36.7	43.6	0.819	7901	138	1443
HTMH-63-4T-1.5 IE3	C	Static	VSD not necessary	1.00	50.0	56.1	1.071	10387	185	1440
HTMH-63-4/8T-1.5	C	Static	VSD not necessary	1.00	41.3	46.7	1.380	10605	193	1447
HTMH-63-4T-2 IE3	C	Static	VSD not necessary	1.00	44.4	49.7	1.469	12016	196	1444
HTMH-63-4/8T-2	C	Static	VSD not necessary	1.00	37.2	42.1	1.700	11892	192	1430
HTMH-63-4T-3 IE3	B	Total	VSD not necessary	1.00	64.6	68.9	2.114	19423	254	1450
HTMH-63-4/8T-3	B	Total	VSD not necessary	1.00	56.0	59.9	2.420	19373	252	1432
HTMH-63-6T-0.75	B	Total	VSD not necessary	1.00	56.1	64.1	0.550	11393	97	956
HTMH-63-6T-1 IE3	B	Total	VSD not necessary	1.00	57.1	64.1	0.770	13916	113	957
HTMH-71-4T-2 IE3	C	Static	VSD not necessary	1.00	50.8	56.2	1.421	13409	195	1446
HTMH-71-4/8T-2	C	Static	VSD not necessary	1.00	42.6	47.6	1.650	13275	191	1433
HTMH-71-4T-3 IE3	C	Static	VSD not necessary	1.00	46.3	50.6	2.086	16356	213	1450
HTMH-71-4/8T-3	C	Static	VSD not necessary	1.00	40.1	44.0	2.390	16314	211	1433
HTMH-71-4T-4 IE3	B	Total	VSD not necessary	1.00	70.0	73.5	2.805	23676	299	1447
HTMH-71-4/8T-4	B	Total	VSD not necessary	1.00	61.6	64.7	3.240	23797	302	1433
HTMH-71-6T-1 IE3	B	Total	VSD not necessary	1.00	64.9	71.9	0.789	14945	124	957
HTMH-71-6T-1.5 IE3	B	Total	VSD not necessary	1.00	61.5	67.6	1.107	18001	136	960
HTMH-80-4T-4 IE3	C	Static	VSD not necessary	1.00	48.0	51.2	3.147	20108	271	1441
HTMH-80-4/8T-4	C	Static	VSD not necessary	1.00	42.3	45.1	3.640	20222	274	1424
HTMH-80-4T-5.5 IE3	C	Static	VSD not necessary	1.00	46.5	48.7	4.448	23694	315	1444
HTMH-80-6T-1.5 IE3	C	Static	VSD not necessary	1.00	40.4	46.0	1.310	15261	124	953
HTMH-80-6T-2 IE3	B	Total	VSD not necessary	1.00	63.6	68.3	1.783	24165	169	950
HTMH-80-6T-3 IE3	B	Total	VSD not necessary	1.00	67.3	71.5	2.209	26615	201	960
HTMH-90-4T-5.5 IE3	C	Static	VSD not necessary	1.00	52.2	54.5	4.399	27512	301	1445
HTMH-90-4T-7.5 IE3	C	Static	VSD not necessary	1.00	49.4	50.8	6.141	31725	345	1435
HTMH-90-4/8T-7.5	C	Static	VSD not necessary	1.00	43.0	44.0	6.930	31525	341	1459
HTMH-90-4T-10 IE3	C	Static	VSD not necessary	1.01	46.9	47.6	7.710	35188	370	1469
HTMH-90-4/8T-9	C	Static	VSD not necessary	1.00	43.0	43.7	7.860	33548	363	1461
HTMH-90-6T-3 IE3	C	Static	VSD not necessary	1.00	44.4	48.4	2.315	23147	160	958
HTMH-90-6/12T-3	C	Static	VSD not necessary	1.00	37.5	41.2	2.640	22863	156	947
HTMH-90-6T-4 IE3	B	Total	VSD not necessary	1.00	65.2	68.4	3.135	32972	223	957
HTMH-90-8T-1	C	Static	VSD not necessary	1.00	36.4	42.6	1.040	15838	86	713
HTMH-90-8T-2	B	Total	VSD not necessary	1.00	58.5	63.9	1.400	24325	121	720
HTMH-100-4T-7.5 IE3	C	Static	VSD not necessary	1.00	52.2	53.6	6.102	33024	347	1435
HTMH-100-4/8T-7.5	C	Static	VSD not necessary	1.00	45.4	46.4	6.890	32817	343	1459
HTMH-100-4T-10 IE3	C	Static	VSD not necessary	1.00	49.7	50.3	8.058	37734	383	1468
HTMH-100-4/8T-9	C	Static	VSD not necessary	1.00	45.8	46.5	7.930	35548	368	1461
HTMH-100-4T-15 IE3	C	Static	VSD not necessary	1.01	45.1	45.0	11.886	44732	431	1459
HTMH-100-6T-3 IE3	C	Static	VSD not necessary	1.00	47.1	51.0	2.421	24808	165	956
HTMH-100-6/12T-3	C	Static	VSD not necessary	1.00	39.8	43.4	2.750	24492	161	944
HTMH-100-6T-4 IE3	C	Static	VSD not necessary	1.00	42.1	44.9	3.633	29458	187	950
HTMH-100-6T-5.5 IE3	B	Total	VSD not necessary	1.00	62.7	64.8	4.748	44005	244	972
HTMH-100-6/12T-5.5	B	Total	VSD not necessary	1.00	56.5	58.2	5.440	44437	249	970
HTMH-125-4T/6-15 IE3	C	Static	VSD not necessary	1.01	58.4	58.4	11.687	48508	507	1471
HTMH-125-4T/6-20 IE3	C	Static	VSD not necessary	1.01	58.8	58.6	13.734	52757	552	1474
HTMH-125-4T/9-20 IE3	C	Static	VSD not necessary	1.01	72.8	72.5	16.870	37304	1186	1474
HTMH-125-6T/6-5.5 IE3	C	Static	VSD not necessary	1.00	54.3	56.7	4.178	34565	237	972
HTMH-125-6T/6-7.5 IE3	C	Static	VSD not necessary	1.00	56.6	58.3	5.344	41832	260	974
HTMH-125-6T/6-10 IE3	C	Static	VSD not necessary	1.00	55.8	56.5	7.750	53067	294	972
HTMH-125-6T/6-15 IE3	C	Static	VSD not necessary	1.00	52.4	52.4	10.850	61349	334	972
HTMH-125-6T/9-7.5 IE3	C	Static	VSD not necessary	1.00	59.2	60.9	5.481	36967	316	973
HTMH-125-6T/9-10 IE3	C	Static	VSD not necessary	1.00	55.7	56.8	6.664	48390	276	976
HTMH-125-6T/9-15 IE3	C	Static	VSD not necessary	1.00	52.0	52.0	10.763	61885	326	973
HTMH-125-6T/9-20 IE3	C	Static	VSD not necessary	1.01	52.6	52.4	14.178	69606	386	968
HTMH-125-8T/6-4	C	Static	VSD not necessary	1.00	47.4	50.3	3.531	38680	156	709
HTMH-125-8T/6-5.5	C	Static	VSD not necessary	1.00	46.8	49.1	4.416	42659	175	715
HTMH-125-8T/6-7.5	C	Static	VSD not necessary	1.00	45.5	47.0	5.868	50667	190	727
HTMH-125-8T/6-10	B	Total	VSD not necessary	1.00	65.4	66.1	7.792	65294	281	727
HTMH-125-8T/9-5.5	C	Static	VSD not necessary	1.00	44.6	46.6	4.788	43462	177	712

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
HTMH-125-8T/9-7.5	C	Static	VSD not necessary	1.00	46.5	48.0	5.753	48507	199	728
HTMH-125-8T/9-10	C	Static	VSD not necessary	1.00	45.9	46.7	7.651	55731	227	728
HTMH-125-8T/9-15	B	Total	VSD not necessary	1.00	67.6	67.6	10.896	72088	368	728