

## 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]
THT/ROOF-40-6T-0.75-F-400	A	Static	VSD not necessary	1.00	25.4	38.3	0.090	2422	35	992
THT/ROOF-56-4T-1-F-400 IE3	A	Static	VSD not necessary	1.00	38.9	45.8	0.802	7959	141	1433
THT/ROOF-56-4T-1.5-F-400 IE3	B	Total	VSD not necessary	1.00	49.6	55.4	1.217	11615	187	1439
THT/ROOF-63-4T-1.5-F-400 IE3	C	Static	VSD not necessary	1.00	49.5	55.4	1.156	10625	194	1442
THT/ROOF-63-4T-2-F-400 IE3	C	Static	VSD not necessary	1.00	43.5	48.7	1.510	12026	196	1448
THT/ROOF-63-4T-3-F-400 IE3	B	Total	VSD not necessary	1.00	63.7	67.7	2.373	20298	268	1467
THT/ROOF-63-4T-4-F-400 IE3	B	Total	VSD not necessary	1.00	64.2	67.6	2.935	24239	280	1460
THT/ROOF-63-6T-0.75-F-400	B	Total	VSD not necessary	1.00	48.6	55.8	0.724	12156	104	941
THT/ROOF-63-6T-1-F-400 IE3	B	Total	VSD not necessary	1.00	57.6	64.2	0.920	15881	120	951
THT/ROOF-71-4T-2-F-400 IE3	C	Static	VSD not necessary	1.00	49.7	55.0	1.456	13405	194	1450
THT/ROOF-71-4T-3-F-400 IE3	C	Static	VSD not necessary	1.00	44.2	48.2	2.297	17056	214	1468
THT/ROOF-71-4T-4-F-400 IE3	C	Static	VSD not necessary	1.00	41.9	45.3	2.893	19369	225	1461
THT/ROOF-71-6T-0.75-F-400	C	Static	VSD not necessary	1.00	34.1	41.0	0.804	10743	92	935
THT/ROOF-71-6T-1-F-400 IE3	C	Static	VSD not necessary	1.00	38.9	45.7	0.833	12404	94	955
THT/ROOF-71-6T-1.5-F-400 IE3	C	Static	VSD not necessary	1.00	33.9	40.0	1.107	14226	95	958
THT/ROOF-80-4T-4-F-400 IE3	C	Static	VSD not necessary	1.00	45.8	48.8	3.309	20444	267	1455
THT/ROOF-80-4T-5.5-F-400 IE3	C	Static	VSD not necessary	1.00	44.8	47.4	3.902	22304	282	1456
THT/ROOF-80-6T-1.5-F-400 IE3	C	Static	VSD not necessary	1.00	40.8	46.6	1.206	14613	121	955
THT/ROOF-80-6T-2-F-400 IE3	C	Static	VSD not necessary	1.00	39.8	44.7	1.738	17576	142	956
THT/ROOF-80-6T-3-F-400 IE3	C	Static	VSD not necessary	1.00	37.4	41.5	2.298	20444	151	965
THT/ROOF-90-4T-5.5-F-400 IE3	C	Static	VSD not necessary	1.00	51.9	54.5	3.939	25081	294	1455
THT/ROOF-90-4T-7.5-F-400 IE3	C	Static	VSD not necessary	1.00	49.0	50.4	6.089	31521	340	1465
THT/ROOF-90-4T-10-F-400 IE3	C	Static	VSD not necessary	1.01	45.9	46.6	7.761	35009	366	1477
THT/ROOF-90-6T-2-F-400 IE3	C	Static	VSD not necessary	1.00	46.5	51.5	1.602	19416	138	959
THT/ROOF-90-6T-3-F-400 IE3	C	Static	VSD not necessary	1.00	41.5	45.3	2.593	23831	163	960
THT/ROOF-90-6T-4-F-400 IE3	C	Static	VSD not necessary	1.00	38.4	41.3	3.459	27183	176	970
THT/ROOF-100-4T-7.5-F-400 IE3	C	Static	VSD not necessary	1.00	53.6	55.4	5.104	30466	323	1471
THT/ROOF-100-4T-10-F-400 IE3	C	Static	VSD not necessary	1.00	48.7	49.3	8.144	37591	380	1476
THT/ROOF-100-4T-15-F-400 IE3	C	Static	VSD not necessary	1.01	44.6	44.5	11.891	44571	428	1480
THT/ROOF-100-4T-20-F-400 IE3	C	Static	VSD not necessary	1.01	40.7	40.4	15.945	50259	465	1485
THT/ROOF-100-6T-3-F-400 IE3	C	Static	VSD not necessary	1.00	45.5	49.3	2.454	24629	163	963
THT/ROOF-100-6T-4-F-400 IE3	C	Static	VSD not necessary	1.00	44.7	47.9	3.080	27632	179	974
THT/ROOF-100-6T-5.5-F-400 IE3	C	Static	VSD not necessary	1.00	39.4	41.7	4.375	32567	191	971
THT/ROOF-125-4T/6-25-F-400 IE3	C	Static	VSD not necessary	1.01	58.3	57.9	18.443	63848	606	1486
THT/ROOF-125-4T/6-30-F-400 IE3	C	Static	VSD not necessary	1.01	57.3	56.8	21.375	68837	640	1486
THT/ROOF-125-4T/6-40-F-400 IE3	C	Static	VSD not necessary	1.01	55.5	54.7	30.430	85910	708	1488
THT/ROOF-125-4T/6-50-F-400 IE3	C	Static	VSD not necessary	1.01	52.8	51.9	38.277	93638	777	1481
THT/ROOF-125-4T/9-25-F-400 IE3	C	Static	VSD not necessary	1.01	62.6	62.1	20.171	41359	1099	1485
THT/ROOF-125-4T/9-30-F-400 IE3	C	Static	VSD not necessary	1.01	58.4	57.8	22.062	50452	919	1486
THT/ROOF-125-4T/9-40-F-400 IE3	C	Static	VSD not necessary	1.01	54.2	53.5	28.045	80439	680	1489
THT/ROOF-125-4T/9-50-F-400 IE3	C	Static	VSD not necessary	1.01	52.5	51.5	37.988	94456	760	1481
THT/ROOF-125-6T/6-5.5-F-400 IE3	C	Static	VSD not necessary	1.00	53.8	56.2	4.226	34565	237	972
THT/ROOF-125-6T/6-7.5-F-400 IE3	C	Static	VSD not necessary	1.00	55.2	56.9	5.481	41832	260	974
THT/ROOF-125-6T/6-10-F-400 IE3	C	Static	VSD not necessary	1.00	54.3	54.9	7.976	53067	294	972
THT/ROOF-125-6T/6-15-F-400 IE3	C	Static	VSD not necessary	1.00	50.6	50.6	11.243	61349	334	968
THT/ROOF-125-6T/6-20-F-400 IE3	C	Static	VSD not necessary	1.00	45.6	45.4	14.056	69759	331	983
THT/ROOF-125-6T/9-10-F-400 IE3	C	Static	VSD not necessary	1.00	54.2	55.2	6.861	48390	276	976
THT/ROOF-125-6T/9-15-F-400 IE3	C	Static	VSD not necessary	1.00	50.3	50.2	11.158	61885	326	968
THT/ROOF-125-6T/9-20-F-400 IE3	C	Static	VSD not necessary	1.01	49.4	49.1	15.123	69606	386	982
THT/ROOF-40-6T-0.75-F-300	A	Static	VSD not necessary	1.00	25.4	38.3	0.090	2422	35	992
THT/ROOF-56-4T-1-F-300 IE3	A	Static	VSD not necessary	1.00	38.9	45.8	0.802	7959	141	1433
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THT/ROOF-63-4T-1.5-F-300 IE3	C	Static	VSD not necessary	1.00	49.5	55.4	1.156	10625	194	1442
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THT/ROOF-63-6T-0.75-F-300	B	Total	VSD not necessary	1.00	48.6	55.8	0.724	12156	104	916
THT/ROOF-63-6T-1-F-300 IE3	B	Total	VSD not necessary	1.00	57.6	64.2	0.920	15881	120	951
THT/ROOF-71-4T-2-F-300 IE3	C	Static	VSD not necessary	1.00	49.7	55.0	1.456	13405	194	1450

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
THT/ROOF-71-4T-3-F-300 IE3	C	Static	VSD not necessary	1.00	44.2	48.2	2.297	17056	214	1468
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THT/ROOF-71-6T-1.5-F-300 IE3	C	Static	VSD not necessary	1.00	33.9	40.0	1.107	14226	95	958
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THT/ROOF-90-4T-10-F-300 IE3	C	Static	VSD not necessary	1.01	45.9	46.6	7.761	35009	366	1477
THT/ROOF-90-6T-2-F-300 IE3	C	Static	VSD not necessary	1.00	46.5	51.5	1.602	19416	138	959
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THT/ROOF-125-6T/6-7.5-F-300 IE3	C	Static	VSD not necessary	1.00	55.2	56.9	5.481	41832	260	974
THT/ROOF-125-6T/6-10-F-300 IE3	C	Static	VSD not necessary	1.00	54.3	54.9	7.976	53067	294	972
THT/ROOF-125-6T/6-15-F-300 IE3	C	Static	VSD not necessary	1.00	50.6	50.6	11.243	61349	334	968
THT/ROOF-125-6T/6-20-F-300 IE3	C	Static	VSD not necessary	1.00	45.6	45.4	14.056	69759	331	983
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