

# 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).

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

<b>[m<sup>3</sup>/h]</b>	Flowrate
<b>[Pa]</b>	Static pressure or total (depending on EC)
<b>[RPM]</b>	Rotation per minute

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

Model	MC	EC	VSD	SR	ηe[%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
CJTH/PLUS-40-2/4T-1.5-F-400	A	Statico	VSD non necessario	1.00	36.4	41.9	1.330	5180	338	2903
CJTH/PLUS-40-6T-0.75-F-400	A	Statico	VSD non necessario	1.00	25.4	38.3	0.090	2422	35	992
CJTH/PLUS-40-6/12T-0.75-F-400	A	Statico	VSD non necessario	1.00	25.4	38.3	0.090	2422	35	992
CJTH/PLUS-45-2/4T-2-F-400	A	Statico	VSD non necessario	1.00	38.0	43.1	1.590	6802	321	2948
CJTH/PLUS-56-4T-1-F-400 IE3	A	Statico	VSD non necessario	1.00	38.9	45.8	0.802	7959	141	1433
CJTH/PLUS-56-4T-1.5-F-400 IE3	B	Totale	VSD non necessario	1.00	49.6	55.4	1.217	11615	187	1439
CJTH/PLUS-63-4T-1-F-400 IE3	C	Statico	VSD non necessario	1.00	52.0	58.8	0.832	9291	167	1430
CJTH/PLUS-63-4T-1.5-F-400 IE3	C	Statico	VSD non necessario	1.00	49.5	55.4	1.156	10625	194	1442
CJTH/PLUS-63-4/8T-1.5-F-400	C	Statico	VSD non necessario	1.00	47.9	53.7	1.190	10625	194	1447
CJTH/PLUS-63-4T-2-F-400 IE3	C	Statico	VSD non necessario	1.00	43.5	48.7	1.510	12026	196	1448
CJTH/PLUS-63-4/8T-2-F-400	C	Statico	VSD non necessario	1.00	42.3	47.4	1.550	12026	196	1449
CJTH/PLUS-63-4T-3-F-400 IE3	B	Totale	VSD non necessario	1.00	63.7	67.7	2.373	20298	268	1467
CJTH/PLUS-63-4/8T-3-F-400	B	Totale	VSD non necessario	1.00	61.9	65.8	2.450	20324	269	1439
CJTH/PLUS-63-4T-4-F-400 IE3	B	Totale	VSD non necessario	1.00	64.2	67.6	2.935	24239	280	1460
CJTH/PLUS-63-4/8T-4-F-400	B	Totale	VSD non necessario	1.00	62.6	65.9	3.020	24239	281	1440
CJTH/PLUS-63-6T-0.75-F-400	B	Totale	VSD non necessario	1.00	57.7	65.4	0.610	12174	104	949
CJTH/PLUS-63-6/12T-0.75-F-400	B	Totale	VSD non necessario	1.00	57.7	65.4	0.610	12174	104	949
CJTH/PLUS-63-6T-1-F-400 IE3	B	Totale	VSD non necessario	1.00	57.6	64.2	0.920	15881	120	951
CJTH/PLUS-63-6/12T-1-F-400	B	Totale	VSD non necessario	1.00	57.1	63.7	0.930	15880	121	942
CJTH/PLUS-71-4T-1.5-F-400 IE3	C	Statico	VSD non necessario	1.00	49.4	55.0	1.305	12330	188	1434
CJTH/PLUS-71-4/8T-1.5-F-400	C	Statico	VSD non necessario	1.00	47.9	53.4	1.350	12330	188	1440
CJTH/PLUS-71-4T-2-F-400 IE3	C	Statico	VSD non necessario	1.00	49.7	55.0	1.456	13405	194	1450
CJTH/PLUS-71-4/8T-2-F-400	C	Statico	VSD non necessario	1.00	48.4	53.6	1.500	13405	194	1450
CJTH/PLUS-71-4T-3-F-400 IE3	C	Statico	VSD non necessario	1.00	44.2	48.2	2.297	17056	214	1468
CJTH/PLUS-71-4/8T-3-F-400	C	Statico	VSD non necessario	1.00	42.8	46.8	2.370	17056	214	1441
CJTH/PLUS-71-4T-4-F-400 IE3	C	Statico	VSD non necessario	1.00	41.9	45.3	2.893	19369	225	1461
CJTH/PLUS-71-4/8T-4-F-400	C	Statico	VSD non necessario	1.00	40.7	44.0	2.980	19369	225	1441
CJTH/PLUS-71-6T-0.75-F-400	C	Statico	VSD non necessario	1.00	40.3	47.7	0.680	10743	92	944
CJTH/PLUS-71-6/12T-0.75-F-400	C	Statico	VSD non necessario	1.00	40.3	47.7	0.680	10743	92	944
CJTH/PLUS-71-6T-1-F-400 IE3	C	Statico	VSD non necessario	1.00	38.9	45.7	0.833	12404	94	955
CJTH/PLUS-71-6/12T-1-F-400	C	Statico	VSD non necessario	1.00	38.4	45.2	0.840	12404	94	947
CJTH/PLUS-71-6T-1.5-F-400 IE3	C	Statico	VSD non necessario	1.00	33.9	40.0	1.107	14226	95	958
CJTH/PLUS-71-6/12T-1.5-F-400	C	Statico	VSD non necessario	1.00	33.4	39.4	1.120	14226	95	955
CJTH/PLUS-80-4T-3-F-400 IE3	C	Statico	VSD non necessario	1.00	48.6	52.6	2.344	16923	242	1468
CJTH/PLUS-80-4/8T-3-F-400	C	Statico	VSD non necessario	1.00	47.0	51.0	2.420	16923	242	1440
CJTH/PLUS-80-4T-4-F-400 IE3	C	Statico	VSD non necessario	1.00	45.8	48.8	3.309	20444	267	1455
CJTH/PLUS-80-4/8T-4-F-400	C	Statico	VSD non necessario	1.00	44.5	47.4	3.400	20444	267	1432
CJTH/PLUS-80-4T-5.5-F-400 IE3	C	Statico	VSD non necessario	1.00	44.8	47.4	3.902	22304	282	1456
CJTH/PLUS-80-4/8T-5.5-F-400	C	Statico	VSD non necessario	1.00	43.6	46.1	4.010	22304	282	1457
CJTH/PLUS-80-6T-1.5-F-400 IE3	C	Statico	VSD non necessario	1.00	40.8	46.6	1.206	14613	121	955
CJTH/PLUS-80-6/12T-1.5-F-400	C	Statico	VSD non necessario	1.00	40.2	45.9	1.220	14613	121	951
CJTH/PLUS-80-6T-2-F-400 IE3	C	Statico	VSD non necessario	1.00	39.8	44.7	1.738	17576	142	956
CJTH/PLUS-80-6/12T-2-F-400	C	Statico	VSD non necessario	1.00	39.2	44.0	1.760	17576	142	962
CJTH/PLUS-80-6T-3-F-400 IE3	C	Statico	VSD non necessario	1.00	37.4	41.5	2.298	20444	151	965
CJTH/PLUS-80-6/12T-3-F-400	C	Statico	VSD non necessario	1.00	37.1	41.1	2.320	20444	151	956
CJTH/PLUS-80-8T-0.75-F-400	C	Statico	VSD non necessario	1.00	31.9	38.9	0.770	11842	75	705
CJTH/PLUS-80-8T-1-F-400	C	Statico	VSD non necessario	1.00	34.3	40.8	0.940	13863	84	713
CJTH/PLUS-90-4T-4-F-400 IE3	C	Statico	VSD non necessario	1.00	53.4	56.8	2.944	19656	288	1460
CJTH/PLUS-90-4/8T-4-F-400	C	Statico	VSD non necessario	1.00	51.9	55.2	3.030	19656	288	1440
CJTH/PLUS-90-4T-5.5-F-400 IE3	C	Statico	VSD non necessario	1.00	51.9	54.5	3.939	25081	294	1455
CJTH/PLUS-90-4/8T-5.5-F-400	C	Statico	VSD non necessario	1.00	50.5	53.0	4.050	25081	294	1456
CJTH/PLUS-90-4T-7.5-F-400 IE3	C	Statico	VSD non necessario	1.00	49.0	50.4	6.089	31521	340	1465
CJTH/PLUS-90-4/8T-7.5-F-400	C	Statico	VSD non necessario	1.00	47.7	49.0	6.250	31521	340	1465
CJTH/PLUS-90-4T-10-F-400 IE3	C	Statico	VSD non necessario	1.01	45.9	46.6	7.761	35009	366	1477
CJTH/PLUS-90-4/8T-10-F-400	C	Statico	VSD non necessario	1.01	45.2	45.9	7.880	35009	366	1467
CJTH/PLUS-90-6T-2-F-400 IE3	C	Statico	VSD non necessario	1.00	46.5	51.5	1.602	19416	138	959
CJTH/PLUS-90-6/12T-2-F-400	C	Statico	VSD non necessario	1.00	45.8	50.8	1.630	19416	138	965
CJTH/PLUS-90-6T-3-F-400 IE3	C	Statico	VSD non necessario	1.00	41.5	45.3	2.593	23831	163	960
CJTH/PLUS-90-6/12T-3-F-400	C	Statico	VSD non necessario	1.00	41.1	44.8	2.620	23753	163	950
CJTH/PLUS-90-6T-4-F-400 IE3	C	Statico	VSD non necessario	1.00	38.4	41.3	3.459	27183	176	970

Model	MC	EC	VSD	SR	ηe[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
CJTH/PLUS-90-6/12T-4-F-400	C	Statico	VSD non necessario	1.00	37.7	40.6	3.520	27183	176	970
CJTH/PLUS-90-8T-1-F-400	C	Statico	VSD non necessario	1.00	40.2	46.8	0.910	15652	84	714
CJTH/PLUS-90-8T-2-F-400	C	Statico	VSD non necessario	1.00	35.2	40.2	1.640	20602	101	715
CJTH/PLUS-90-8T-3-F-400	C	Statico	VSD non necessario	1.00	34.0	38.7	1.800	21573	102	712
CJTH/PLUS-100-4T-7.5-F-400 IE3	C	Statico	VSD non necessario	1.00	53.6	55.4	5.104	30466	323	1471
CJTH/PLUS-100-4/8T-7.5-F-400	C	Statico	VSD non necessario	1.00	52.1	53.9	5.240	30466	323	1471
CJTH/PLUS-100-4T-10-F-400 IE3	C	Statico	VSD non necessario	1.00	48.7	49.3	8.144	37591	380	1476
CJTH/PLUS-100-4/8T-10-F-400	C	Statico	VSD non necessario	1.00	49.9	50.9	7.100	35267	362	1471
CJTH/PLUS-100-4T-15-F-400 IE3	C	Statico	VSD non necessario	1.01	44.6	44.5	11.891	44571	428	1480
CJTH/PLUS-100-4/8T-15-F-400	C	Statico	VSD non necessario	1.01	43.9	43.9	12.050	44571	428	1470
CJTH/PLUS-100-4T-20-F-400 IE3	C	Statico	VSD non necessario	1.01	40.7	40.4	15.945	50259	465	1485
CJTH/PLUS-100-4/8T-20-F-400	C	Statico	VSD non necessario	1.01	40.0	39.8	16.190	50259	465	1471
CJTH/PLUS-100-6T-3-F-400 IE3	C	Statico	VSD non necessario	1.00	45.5	49.3	2.454	24629	163	963
CJTH/PLUS-100-6/12T-3-F-400	C	Statico	VSD non necessario	1.00	45.0	48.9	2.470	24629	163	953
CJTH/PLUS-100-6T-4-F-400 IE3	C	Statico	VSD non necessario	1.00	44.7	47.9	3.080	27632	179	974
CJTH/PLUS-100-6/12T-4-F-400	C	Statico	VSD non necessario	1.00	43.9	47.1	3.130	27632	179	974
CJTH/PLUS-100-6T-5.5-F-400 IE3	C	Statico	VSD non necessario	1.00	39.4	41.7	4.375	32567	191	971
CJTH/PLUS-40-2/4T-1.5-F-300	A	Statico	VSD non necessario	1.00	36.4	41.9	1.330	5180	338	2903
CJTH/PLUS-40-6T-0.75-F-300	A	Statico	VSD non necessario	1.00	25.4	38.3	0.090	2422	35	992
CJTH/PLUS-40-6/12T-0.75-F-300	A	Statico	VSD non necessario	1.00	25.4	38.3	0.090	2422	35	992
CJTH/PLUS-45-2/4T-2-F-300	A	Statico	VSD non necessario	1.00	38.0	43.1	1.590	6802	321	2948
CJTH/PLUS-56-4T-1-F-300 IE3	A	Statico	VSD non necessario	1.00	38.9	45.8	0.802	7959	141	1433
CJTH/PLUS-56-4T-1.5-F-300 IE3	B	Totale	VSD non necessario	1.00	49.6	55.4	1.217	11615	187	1439
CJTH/PLUS-63-4T-1-F-300 IE3	C	Statico	VSD non necessario	1.00	52.0	58.8	0.832	9291	167	1430
CJTH/PLUS-63-4T-1.5-F-300 IE3	C	Statico	VSD non necessario	1.00	49.5	55.4	1.156	10625	194	1442
CJTH/PLUS-63-4/8T-1.5-F-300	C	Statico	VSD non necessario	1.00	47.9	53.7	1.190	10625	194	1447
CJTH/PLUS-63-4T-2-F-300 IE3	C	Statico	VSD non necessario	1.00	43.5	48.7	1.510	12026	196	1448
CJTH/PLUS-63-4/8T-2-F-300	C	Statico	VSD non necessario	1.00	42.3	47.4	1.550	12026	196	1449
CJTH/PLUS-63-4T-3-F-300 IE3	B	Totale	VSD non necessario	1.00	63.7	67.7	2.373	20298	268	1467
CJTH/PLUS-63-4/8T-3-F-300	B	Totale	VSD non necessario	1.00	61.9	65.8	2.450	20324	269	1439
CJTH/PLUS-63-4T-4-F-300 IE3	B	Totale	VSD non necessario	1.00	64.2	67.6	2.935	24239	280	1460
CJTH/PLUS-63-4/8T-4-F-300	B	Totale	VSD non necessario	1.00	62.6	65.9	3.020	24239	281	1440
CJTH/PLUS-63-6T-0.75-F-300	B	Totale	VSD non necessario	1.00	57.7	65.4	0.610	12174	104	949
CJTH/PLUS-63-6/12T-0.75-F-300	B	Totale	VSD non necessario	1.00	57.7	65.4	0.610	12174	104	949
CJTH/PLUS-63-6T-1-F-300 IE3	B	Totale	VSD non necessario	1.00	57.6	64.2	0.920	15881	120	951
CJTH/PLUS-63-6/12T-1-F-300	B	Totale	VSD non necessario	1.00	57.1	63.7	0.930	15880	121	942
CJTH/PLUS-71-4T-1.5-F-300 IE3	C	Statico	VSD non necessario	1.00	49.4	55.0	1.305	12330	188	1434
CJTH/PLUS-71-4/8T-1.5-F-300	C	Statico	VSD non necessario	1.00	47.9	53.4	1.350	12330	188	1440
CJTH/PLUS-71-4T-2-F-300 IE3	C	Statico	VSD non necessario	1.00	49.7	55.0	1.456	13405	194	1450
CJTH/PLUS-71-4/8T-2-F-300	C	Statico	VSD non necessario	1.00	48.4	53.6	1.500	13405	194	1450
CJTH/PLUS-71-4T-3-F-300 IE3	C	Statico	VSD non necessario	1.00	44.2	48.2	2.297	17056	214	1468
CJTH/PLUS-71-4/8T-3-F-300	C	Statico	VSD non necessario	1.00	42.8	46.8	2.370	17056	214	1441
CJTH/PLUS-71-4T-4-F-300 IE3	C	Statico	VSD non necessario	1.00	41.9	45.3	2.893	19369	225	1461
CJTH/PLUS-71-4/8T-4-F-300	C	Statico	VSD non necessario	1.00	40.7	44.0	2.980	19369	225	1441
CJTH/PLUS-71-6T-0.75-F-300	C	Statico	VSD non necessario	1.00	40.3	47.7	0.680	10743	92	944
CJTH/PLUS-71-6/12T-0.75-F-300	C	Statico	VSD non necessario	1.00	40.3	47.7	0.680	10743	92	944
CJTH/PLUS-71-6T-1-F-300 IE3	C	Statico	VSD non necessario	1.00	38.9	45.7	0.833	12404	94	955
CJTH/PLUS-71-6/12T-1-F-300	C	Statico	VSD non necessario	1.00	38.4	45.2	0.840	12404	94	947
CJTH/PLUS-71-6T-1.5-F-300 IE3	C	Statico	VSD non necessario	1.00	33.9	40.0	1.107	14226	95	958
CJTH/PLUS-71-6/12T-1.5-F-300	C	Statico	VSD non necessario	1.00	33.4	39.4	1.120	14226	95	955
CJTH/PLUS-80-4T-3-F-300 IE3	C	Statico	VSD non necessario	1.00	48.6	52.6	2.344	16923	242	1468
CJTH/PLUS-80-4/8T-3-F-300	C	Statico	VSD non necessario	1.00	47.0	51.0	2.420	16923	242	1440
CJTH/PLUS-80-4T-4-F-300 IE3	C	Statico	VSD non necessario	1.00	45.8	48.8	3.309	20444	267	1455
CJTH/PLUS-80-4/8T-4-F-300	C	Statico	VSD non necessario	1.00	44.5	47.4	3.400	20444	267	1432
CJTH/PLUS-80-4T-5.5-F-300 IE3	C	Statico	VSD non necessario	1.00	44.8	47.4	3.902	22304	282	1456
CJTH/PLUS-80-4/8T-5.5-F-300	C	Statico	VSD non necessario	1.00	43.6	46.1	4.010	22304	282	1457
CJTH/PLUS-80-6T-1.5-F-300 IE3	C	Statico	VSD non necessario	1.00	40.8	46.6	1.206	14613	121	955
CJTH/PLUS-80-6/12T-1.5-F-300	C	Statico	VSD non necessario	1.00	40.2	45.9	1.220	14613	121	951
CJTH/PLUS-80-6T-2-F-300 IE3	C	Statico	VSD non necessario	1.00	39.8	44.7	1.738	17576	142	956
CJTH/PLUS-80-6/12T-2-F-300	C	Statico	VSD non necessario	1.00	39.2	44.0	1.760	17576	142	962
CJTH/PLUS-80-6T-3-F-300 IE3	C	Statico	VSD non necessario	1.00	37.4	41.5	2.298	20444	151	965
CJTH/PLUS-80-6/12T-3-F-300	C	Statico	VSD non necessario	1.00	37.1	41.1	2.320	20444	151	956
CJTH/PLUS-80-8T-0.75-F-300	C	Statico	VSD non necessario	1.00	31.9	38.9	0.770	11842	75	705
CJTH/PLUS-80-8T-1-F-300	C	Statico	VSD non necessario	1.00	34.3	40.8	0.940	13863	84	713
CJTH/PLUS-90-4T-4-F-300 IE3	C	Statico	VSD non necessario	1.00	53.4	56.8	2.944	19656	288	1460
CJTH/PLUS-90-4/8T-4-F-300	C	Statico	VSD non necessario	1.00	51.9	55.2	3.030	19656	288	1440
CJTH/PLUS-90-4T-5.5-F-300 IE3	C	Statico	VSD non necessario	1.00	51.9	54.5	3.939	25081	294	1455
CJTH/PLUS-90-4/8T-5.5-F-300	C	Statico	VSD non necessario	1.00	50.5	53.0	4.050	25081	294	1456
CJTH/PLUS-90-4T-7.5-F-300 IE3	C	Statico	VSD non necessario	1.00	49.0	50.4	6.089	31521	340	1465
CJTH/PLUS-90-4/8T-7.5-F-300	C	Statico	VSD non necessario	1.00	47.7	49.0	6.250	31521	340	1465
CJTH/PLUS-90-4T-10-F-300 IE3	C	Statico	VSD non necessario	1.01	45.9	46.6	7.761	35009	366	1477
CJTH/PLUS-90-4/8T-10-F-300	C	Statico	VSD non necessario	1.01	45.2	45.9	7.880	35009	366	1467

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
CJTHT/PLUS-90-6T-2-F-300 IE3	C	Statico	VSD non necessario	1.00	46.5	51.5	1.602	19416	138	959
CJTHT/PLUS-90-6/12T-2-F-300	C	Statico	VSD non necessario	1.00	45.8	50.8	1.630	19416	138	965
CJTHT/PLUS-90-6T-3-F-300 IE3	C	Statico	VSD non necessario	1.00	41.5	45.3	2.593	23831	163	960
CJTHT/PLUS-90-6/12T-3-F-300	C	Statico	VSD non necessario	1.00	41.1	44.8	2.620	23753	163	950
CJTHT/PLUS-90-6T-4-F-300 IE3	C	Statico	VSD non necessario	1.00	38.4	41.3	3.459	27183	176	970
CJTHT/PLUS-90-6/12T-4-F-300	C	Statico	VSD non necessario	1.00	37.7	40.6	3.520	27183	176	970
CJTHT/PLUS-90-8T-1-F-300	C	Statico	VSD non necessario	1.00	40.2	46.8	0.910	15652	84	714
CJTHT/PLUS-90-8T-2-F-300	C	Statico	VSD non necessario	1.00	35.2	40.2	1.640	20602	101	715
CJTHT/PLUS-90-8T-3-F-300	C	Statico	VSD non necessario	1.00	34.0	38.7	1.800	21573	102	712
CJTHT/PLUS-100-4T-7.5-F-300 IE3	C	Statico	VSD non necessario	1.00	53.6	55.4	5.104	30466	323	1471
CJTHT/PLUS-100-4/8T-7.5-F-300	C	Statico	VSD non necessario	1.00	52.1	53.9	5.240	30466	323	1471
CJTHT/PLUS-100-4T-10-F-300 IE3	C	Statico	VSD non necessario	1.00	48.7	49.3	8.144	37591	380	1476
CJTHT/PLUS-100-4/8T-10-F-300	C	Statico	VSD non necessario	1.00	49.9	50.9	7.100	35267	362	1471
CJTHT/PLUS-100-4T-15-F-300 IE3	C	Statico	VSD non necessario	1.01	44.6	44.5	11.891	44571	428	1480
CJTHT/PLUS-100-4/8T-15-F-300	C	Statico	VSD non necessario	1.01	43.9	43.9	12.050	44571	428	1470
CJTHT/PLUS-100-4T-20-F-300 IE3	C	Statico	VSD non necessario	1.01	40.7	40.4	15.945	50259	465	1485
CJTHT/PLUS-100-4/8T-20-F-300	C	Statico	VSD non necessario	1.01	40.0	39.8	16.190	50259	465	1471
CJTHT/PLUS-100-6T-3-F-300 IE3	C	Statico	VSD non necessario	1.00	45.5	49.3	2.454	24629	163	963
CJTHT/PLUS-100-6/12T-3-F-300	C	Statico	VSD non necessario	1.00	45.0	48.9	2.470	24629	163	953
CJTHT/PLUS-100-6T-4-F-300 IE3	C	Statico	VSD non necessario	1.00	44.7	47.9	3.080	27632	179	974
CJTHT/PLUS-100-6/12T-4-F-300	C	Statico	VSD non necessario	1.00	43.9	47.1	3.130	27632	179	974
CJTHT/PLUS-100-6T-5.5-F-300 IE3	C	Statico	VSD non necessario	1.00	39.4	41.7	4.375	32567	191	971