

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

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

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

Model	MC	EC	VSD	SR	η _e [%]	N	[kW]	[m ³ /h]	[Pa]	[RPM]
CAS-S-242-2T-0.5	A	Total	VSD not necessary	1.02	55.2	68.7	0.527	650	1612	2731
CAS-S-248-2T-1 IE3	B	Total	VSD not necessary	1.03	56.2	67.4	0.865	500	3499	2834
CAS-S-248-2T-1.5 IE3	B	Total	VSD not necessary	1.03	58.6	69.1	1.006	658	3225	2869
CAS-S-254-2T-2 IE3	B	Total	VSD not necessary	1.04	58.5	67.0	1.568	733	4507	2889
CAS-S-254-2T-3 IE3	B	Total	VSD not necessary	1.04	58.5	66.6	1.699	790	4532	2940
CAS-S-260-2T-3 IE3	B	Total	VSD not necessary	1.05	59.2	66.1	2.182	876	5306	2922
CAS-S-463-2T-5.5 IE3	B	Total	VSD not necessary	1.07	61.4	65.9	3.714	1150	7131	2916
CAS-S-463-2T-7.5 IE3	B	Total	VSD not necessary	1.07	64.5	68.3	4.305	1511	6610	2951
CAS-S-467-2T-7.5 IE3	B	Total	VSD not necessary	1.08	62.5	65.2	5.553	1550	8065	2936
CAS-S-467-2T-10 IE3	B	Total	VSD not necessary	1.08	66.7	69.1	5.894	1752	8075	2950
CAS-S-571-2T-10 IE3	B	Total	VSD not necessary	1.09	66.8	69.1	5.970	1527	9396	2950
CAS-S-571-2T-15 IE3	B	Total	VSD not necessary	1.09	68.1	69.2	7.804	2168	8819	2964
CAS-S-640-2T-2 IE3	B	Total	VSD not necessary	1.02	71.5	79.9	1.610	2600	1595	2886
CAS-S-645-2T-3 IE3	B	Total	VSD not necessary	1.03	64.2	70.6	2.469	2000	2853	2912
CAS-S-645-2T-4 IE3	B	Total	VSD not necessary	1.03	64.0	69.8	2.836	2312	2827	2926
CAS-S-650-2T-5.5 IE3	B	Total	VSD not necessary	1.04	73.4	77.3	4.264	3108	3627	2904
CAS-S-650-2T-7.5 IE3	B	Total	VSD not necessary	1.04	67.7	70.8	5.046	3128	3929	2942
CAS-S-852-2T-7.5 IE3	B	Total	VSD not necessary	1.05	75.6	77.9	6.099	3500	4741	2930
CAS-S-852-2T-10 IE3	B	Total	VSD not necessary	1.05	74.9	76.6	6.922	3786	4931	2942
CAS-S-856-2T-15 IE3	B	Total	VSD not necessary	1.05	69.3	70.0	8.577	4320	4948	2961
CAS-S-863-2T-15 IE3	B	Total	VSD not necessary	1.06	67.7	67.7	10.755	4000	6556	2951
CAS-S-863-2T-20 IE3	B	Total	VSD not necessary	1.06	68.6	68.3	13.417	5114	6474	2955
CAS-S-971-2T-30 IE3	B	Total	VSD not necessary	1.08	71.5	70.7	23.109	7724	7699	2951
CAS-S-971-2T-40 IE3	B	Total	VSD not necessary	1.08	69.3	68.3	27.984	9166	7619	2965
CAS-S-790-2T-20 IE3				Exclude. Specific ratio > 1.11						
CAS-S-980-2T-30 IE3	B	Total	VSD not necessary	1.10	65.7	65.0	20.621	4646	10497	2956
CAS-S-990-2T-50 IE3				Exclude. Specific ratio > 1.11						
CAS-S-1080-2T-40 IE3				Exclude. Specific ratio > 1.11						
CAS-S-1090-2T-60 IE3				Exclude. Specific ratio > 1.11						