

# 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>	Flow rate
<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]
CSXRT-315-1 IE3	C	Static	VSD not necessary	1.01	51.9	63.9	0.713	1908	698	2095
CSXRT-315-1.5 IE3	C	Static	VSD not necessary	1.01	53.4	63.8	1.013	2163	897	2375
CSXRT-355-0.75	C	Static	VSD not necessary	1.01	55.8	69.5	0.500	1940	518	1580
CSXRT-355-1 IE3	C	Static	VSD not necessary	1.01	62.4	75.0	0.627	2167	646	1765
CSXRT-355-1.5 IE3	C	Static	VSD not necessary	1.01	64.2	75.2	0.897	2467	838	2010
CSXRT-355-2 IE3	C	Static	VSD not necessary	1.01	65.5	75.2	1.193	2731	1027	2225
CSXRT-355-3 IE3	C	Static	VSD not necessary	1.01	61.1	68.9	1.804	3340	1188	2465
CSXRT-355-4 IE3	C	Static	VSD not necessary	1.01	62.0	69.1	2.123	3545	1337	2615
CSXRT-400-1 IE3	C	Static	VSD not necessary	1.01	54.7	66.8	0.704	2622	532	1465
CSXRT-400-1.5 IE3	C	Static	VSD not necessary	1.01	56.3	66.7	1.013	2979	687	1665
CSXRT-400-2 IE3	C	Static	VSD not necessary	1.01	57.5	66.6	1.345	3302	843	1845
CSXRT-400-3 IE3	C	Static	VSD not necessary	1.01	56.6	64.1	1.899	3830	1009	2045
CSXRT-400-4 IE3	C	Static	VSD not necessary	1.01	57.6	63.8	2.570	4268	1247	2275
CSXRT-450-1 IE3	C	Static	VSD not necessary	1.00	53.6	65.5	0.742	3127	459	1220
CSXRT-450-1.5 IE3	C	Static	VSD not necessary	1.01	55.3	65.5	1.071	3563	596	1390
CSXRT-450-2 IE3	C	Static	VSD not necessary	1.01	56.5	65.4	1.421	3947	731	1540
CSXRT-450-3 IE3	C	Static	VSD not necessary	1.01	57.2	64.4	2.057	4485	944	1750
CSXRT-450-4 IE3	C	Static	VSD not necessary	1.01	57.7	63.3	2.951	5075	1208	1980
CSXRT-450-5.5 IE3	C	Static	VSD not necessary	1.01	57.6	62.3	3.569	5749	1288	2095
CSXRT-500-1.5 IE3	C	Static	VSD not necessary	1.01	56.8	67.2	1.032	4093	514	1140
CSXRT-500-2 IE3	C	Static	VSD not necessary	1.01	58.1	67.1	1.393	4560	638	1270
CSXRT-500-3 IE3	C	Static	VSD not necessary	1.01	58.7	66.0	2.028	5188	825	1445
CSXRT-500-4 IE3	C	Static	VSD not necessary	1.01	59.3	64.9	2.903	5870	1057	1635
CSXRT-500-5.5 IE3	C	Static	VSD not necessary	1.01	60.9	65.3	3.783	6463	1281	1800
CSXRT-500-7.5 IE3	C	Static	VSD not necessary	1.02	63.0	66.2	5.009	7181	1581	2000
CSXRT-500-10 IE3	C	Static	VSD not necessary	1.02	62.0	64.9	5.293	7871	1501	2005
CSXRT-560-1 IE3	C	Static	VSD not necessary	1.00	56.1	68.0	0.745	4528	332	835
CSXRT-560-1.5 IE3	C	Static	VSD not necessary	1.00	56.1	66.2	1.097	5151	430	950
CSXRT-560-2 IE3	C	Static	VSD not necessary	1.01	57.5	66.4	1.412	5921	495	1035
CSXRT-560-3 IE3	C	Static	VSD not necessary	1.01	58.2	65.3	2.105	6780	649	1185
CSXRT-560-4 IE3	C	Static	VSD not necessary	1.01	58.8	64.3	3.010	7666	830	1340
CSXRT-560-5.5 IE3	C	Static	VSD not necessary	1.01	60.4	64.7	3.910	8439	1006	1475
CSXRT-560-7.5 IE3	C	Static	VSD not necessary	1.01	62.6	65.6	5.183	9383	1243	1640
CSXRT-560-10 IE3	C	Static	VSD not necessary	1.02	63.3	65.0	6.946	10384	1523	1815
CSXRT-560-15 IE3	C	Static	VSD not necessary	1.02	64.0	65.4	7.394	10167	1676	1875
CSXRT-630-1.5 IE3	C	Static	VSD not necessary	1.00	57.1	67.2	1.097	6288	359	775
CSXRT-630-2 IE3	C	Static	VSD not necessary	1.00	57.9	66.6	1.479	6987	441	860
CSXRT-630-3 IE3	C	Static	VSD not necessary	1.01	60.7	67.6	2.182	7231	659	1010
CSXRT-630-4 IE3	C	Static	VSD not necessary	1.01	61.4	66.7	3.098	8162	839	1140
CSXRT-630-5.5 IE3	C	Static	VSD not necessary	1.01	63.0	67.1	4.027	8985	1017	1255
CSXRT-630-7.5 IE3	C	Static	VSD not necessary	1.01	65.3	68.2	5.338	9987	1257	1395
CSXRT-630-10 IE3	C	Static	VSD not necessary	1.02	66.0	67.5	7.255	11097	1551	1550
CSXRT-630-15 IE3	C	Static	VSD not necessary	1.01	65.2	66.5	7.475	12455	1408	1535
CSXRT-710-1.5 IE3	C	Static	VSD not necessary	1.00	62.2	72.8	0.992	7537	295	635
CSXRT-710-2 IE3	C	Static	VSD not necessary	1.00	63.0	72.2	1.341	8377	363	705
CSXRT-710-3 IE3	C	Static	VSD not necessary	1.00	64.1	71.6	1.927	9511	467	800
CSXRT-710-4 IE3	C	Static	VSD not necessary	1.01	66.4	71.5	3.284	12025	652	960
CSXRT-710-5.5 IE3	C	Static	VSD not necessary	1.01	68.2	72.0	4.301	13277	794	1060
CSXRT-710-7.5 IE3	C	Static	VSD not necessary	1.01	70.6	73.1	5.725	14781	984	1180
CSXRT-710-10 IE3	C	Static	VSD not necessary	1.01	71.2	72.4	7.681	16346	1204	1305
CSXRT-710-15 IE3	C	Static	VSD not necessary	1.01	71.0	72.3	7.548	15489	1245	1305
CSXRT-800-3 IE3	C	Static	VSD not necessary	1.00	56.3	63.7	2.003	9823	413	650
CSXRT-800-4 IE3	C	Static	VSD not necessary	1.01	60.4	65.9	3.010	11226	583	765
CSXRT-800-5.5 IE3	C	Static	VSD not necessary	1.01	62.0	66.2	3.959	12400	712	845
CSXRT-800-7.5 IE3	C	Static	VSD not necessary	1.01	64.2	67.1	5.261	13794	881	940
CSXRT-800-10 IE3	C	Static	VSD not necessary	1.01	64.9	66.5	7.043	15262	1078	1040
CSXRT-800-15 IE3	C	Static	VSD not necessary	1.01	64.4	65.0	8.746	16362	1239	1115
CSXRT-800-20 IE3	C	Static	VSD not necessary	1.01	64.3	64.3	10.524	17390	1399	1185
CSXRT-800-25 IE3	C	Static	VSD not necessary	1.02	66.2	65.9	14.429	19517	1763	1330
CSXRT-800-30 IE3	C	Static	VSD not necessary	1.02	65.1	64.5	18.063	20912	2024	1425

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
CSXRT-800-40 IE3	C	Static	VSD not necessary	1.02	63.9	63.1	21.251	22426	2178	1490
CSXRT-900-3 IE3	C	Static	VSD not necessary	1.00	56.5	63.8	2.012	11930	343	535
CSXRT-900-4 IE3	C	Static	VSD not necessary	1.01	59.8	65.2	3.049	12272	535	640
CSXRT-900-5.5 IE3	C	Static	VSD not necessary	1.01	61.4	65.6	3.979	13518	649	705
CSXRT-900-7.5 IE3	C	Static	VSD not necessary	1.01	63.6	66.5	5.299	15052	805	785
CSXRT-900-10 IE3	C	Static	VSD not necessary	1.01	64.2	65.7	7.130	16682	989	870
CSXRT-900-15 IE3	C	Static	VSD not necessary	1.01	63.8	64.4	8.785	17833	1130	930
CSXRT-900-20 IE3	C	Static	VSD not necessary	1.01	63.6	63.6	10.613	18983	1280	990
CSXRT-900-25 IE3	C	Static	VSD not necessary	1.02	65.6	65.3	14.506	21284	1609	1110
CSXRT-900-30 IE3	C	Static	VSD not necessary	1.02	64.5	63.9	18.200	22818	1850	1190
CSXRT-900-40 IE3	C	Static	VSD not necessary	1.02	64.8	64.0	21.493	24160	2074	1260
CSXRT-1000-4 IE3	C	Static	VSD not necessary	1.00	58.6	64.5	2.753	15324	379	500
CSXRT-1000-5.5 IE3	C	Static	VSD not necessary	1.01	62.4	66.8	3.793	16465	518	575
CSXRT-1000-7.5 IE3	C	Static	VSD not necessary	1.01	64.6	67.6	5.164	18470	651	645
CSXRT-1000-10 IE3	C	Static	VSD not necessary	1.01	65.4	67.1	6.956	20474	800	715
CSXRT-1000-15 IE3	C	Static	VSD not necessary	1.01	64.9	65.6	8.589	21906	916	765
CSXRT-1000-20 IE3	C	Static	VSD not necessary	1.01	64.8	64.8	10.406	23338	1040	815
CSXRT-1000-25 IE3	C	Static	VSD not necessary	1.01	66.9	66.6	14.284	26201	1311	915
CSXRT-1000-30 IE3	C	Static	VSD not necessary	1.02	65.6	65.0	17.858	28063	1504	980
CSXRT-1000-40 IE3	C	Static	VSD not necessary	1.02	66.0	65.2	21.229	29781	1693	1040
CSXRT-1000-50 IE3	C	Static	VSD not necessary	1.02	66.0	64.9	28.701	32931	2070	1150
CSXRT-1000-60 IE3	C	Static	VSD not necessary	1.02	65.9	64.5	37.731	38002	2354	1245