

## 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]
CDXRT-200-1 IE3	B	Total	VSD not necessary	1.01	52.1	64.9	0.598	1656	675	3450
CDXRT-200-1.5 IE3	B	Total	VSD not necessary	1.01	53.6	64.9	0.839	1873	863	3900
CDXRT-200-2 IE3	B	Total	VSD not necessary	1.01	54.7	64.6	1.135	2089	1074	4350
CDXRT-250-1 IE3	B	Total	VSD not necessary	1.01	53.1	65.9	0.598	2034	564	2400
CDXRT-250-1.5 IE3	B	Total	VSD not necessary	1.01	54.7	66.0	0.830	2288	714	2700
CDXRT-250-2 IE3	B	Total	VSD not necessary	1.01	55.9	65.9	1.116	2543	881	3000
CDXRT-250-3 IE3	B	Total	VSD not necessary	1.01	56.1	64.2	1.690	2924	1166	3450
CDXRT-315-0.75	C	Static	VSD not necessary	1.00	53.2	66.4	0.560	2932	365	1500
CDXRT-315-1 IE3	C	Static	VSD not necessary	1.00	59.3	71.7	0.665	3226	441	1650
CDXRT-315-1.5 IE3	C	Static	VSD not necessary	1.01	61.2	72.1	0.916	3617	555	1850
CDXRT-315-2 IE3	C	Static	VSD not necessary	1.01	62.5	71.8	1.307	4105	715	2100
CDXRT-315-3 IE3	C	Static	VSD not necessary	1.01	63.1	70.9	1.815	4594	896	2350
CDXRT-315-4 IE3	C	Static	VSD not necessary	1.01	63.6	69.8	2.570	5181	1139	2650
CDXRT-315-5.5 IE3	C	Static	VSD not necessary	1.01	65.3	70.4	3.294	5669	1364	2900
CDXRT-315-7.5 IE3	C	Static	VSD not necessary	1.02	65.4	69.0	4.488	6627	1594	3200
CDXRT-355-0.75	C	Static	VSD not necessary	1.00	50.8	63.7	0.590	3725	287	1230
CDXRT-355-1 IE3	C	Static	VSD not necessary	1.00	59.0	71.2	0.684	4119	351	1360
CDXRT-355-1.5 IE3	C	Static	VSD not necessary	1.00	60.8	71.5	0.955	4664	450	1540
CDXRT-355-2 IE3	C	Static	VSD not necessary	1.01	62.2	71.6	1.259	5148	549	1700
CDXRT-355-3 IE3	C	Static	VSD not necessary	1.01	62.8	70.6	1.825	5845	707	1930
CDXRT-355-4 IE3	C	Static	VSD not necessary	1.01	63.3	69.4	2.609	6602	902	2180
CDXRT-355-5.5 IE3	C	Static	VSD not necessary	1.01	65.0	69.9	3.402	7268	1093	2400
CDXRT-355-7.5 IE3	C	Static	VSD not necessary	1.01	67.2	70.8	4.526	8086	1353	2670
CDXRT-400-1.5 IE3	C	Static	VSD not necessary	1.00	60.4	70.6	1.071	5354	433	1290
CDXRT-400-2 IE3	C	Static	VSD not necessary	1.01	61.7	70.7	1.393	5893	525	1420
CDXRT-400-3 IE3	C	Static	VSD not necessary	1.01	62.5	69.7	2.047	6724	683	1620
CDXRT-400-4 IE3	C	Static	VSD not necessary	1.01	63.0	68.7	2.873	7554	862	1820
CDXRT-400-5.5 IE3	C	Static	VSD not necessary	1.01	64.7	69.2	3.715	8301	1041	2000
CDXRT-400-7.5 IE3	C	Static	VSD not necessary	1.01	67.0	70.2	4.971	9255	1295	2230
CDXRT-400-10 IE3	C	Static	VSD not necessary	1.02	68.5	70.9	6.008	10031	1477	2390
CDXRT-450-1.5 IE3	C	Static	VSD not necessary	1.00	60.0	70.1	1.090	6272	374	1075
CDXRT-450-2 IE3	C	Static	VSD not necessary	1.00	61.3	70.1	1.441	6943	458	1190
CDXRT-450-3 IE3	C	Static	VSD not necessary	1.01	62.0	69.3	2.037	7818	581	1340
CDXRT-450-4 IE3	C	Static	VSD not necessary	1.01	62.6	68.3	2.883	8810	738	1510
CDXRT-450-5.5 IE3	C	Static	VSD not necessary	1.01	64.3	68.7	3.803	9743	902	1670
CDXRT-450-7.5 IE3	C	Static	VSD not necessary	1.01	66.6	69.8	4.990	10793	1107	1850
CDXRT-450-10 IE3	C	Static	VSD not necessary	1.01	67.4	69.2	6.801	12019	1373	2060
CDXRT-450-15 IE3	C	Static	VSD not necessary	1.02	68.0	69.0	8.107	12889	1540	2190
CDXRT-500-1.5 IE3	C	Static	VSD not necessary	1.00	62.0	72.4	1.023	7098	320	880
CDXRT-500-2 IE3	C	Static	VSD not necessary	1.00	63.3	72.5	1.336	7824	389	970
CDXRT-500-3 IE3	C	Static	VSD not necessary	1.01	64.0	71.5	1.921	8872	500	1100
CDXRT-500-4 IE3	C	Static	VSD not necessary	1.01	64.7	70.6	2.727	10001	635	1240
CDXRT-500-5.5 IE3	C	Static	VSD not necessary	1.01	66.3	71.0	3.588	11050	775	1370
CDXRT-500-7.5 IE3	C	Static	VSD not necessary	1.01	68.6	72.1	4.651	12179	942	1510
CDXRT-500-10 IE3	C	Static	VSD not necessary	1.01	69.7	71.9	6.240	13510	1159	1675
CDXRT-500-15 IE3	C	Static	VSD not necessary	1.02	69.7	70.1	9.245	15405	1506	1910
CDXRT-500-20 IE3	C	Static	VSD not necessary	1.02	69.2	69.1	11.629	16483	1756	2065
CDXRT-560-2 IE3	C	Static	VSD not necessary	1.00	62.9	71.8	1.412	9256	346	810
CDXRT-560-3 IE3	C	Static	VSD not necessary	1.00	63.6	70.7	2.086	10570	451	925
CDXRT-560-4 IE3	C	Static	VSD not necessary	1.01	64.3	69.8	3.010	11999	581	1050
CDXRT-560-5.5 IE3	C	Static	VSD not necessary	1.01	66.0	70.3	3.861	13141	697	1150
CDXRT-560-7.5 IE3	C	Static	VSD not necessary	1.01	68.4	71.3	5.251	14741	877	1290
CDXRT-560-10 IE3	C	Static	VSD not necessary	1.01	69.2	70.9	6.936	16227	1063	1420
CDXRT-560-15 IE3	C	Static	VSD not necessary	1.01	69.2	69.3	10.096	18398	1366	1610
CDXRT-560-20 IE3	C	Static	VSD not necessary	1.02	69.1	68.8	14.135	20569	1708	1800
CDXRT-630-2 IE3	C	Static	VSD not necessary	1.00	57.5	66.1	1.521	11310	278	680
CDXRT-630-3 IE3	C	Static	VSD not necessary	1.00	60.7	68.2	1.912	13236	315	740
CDXRT-630-4 IE3	C	Static	VSD not necessary	1.00	61.3	67.3	2.668	14846	396	830
CDXRT-630-5.5 IE3	C	Static	VSD not necessary	1.01	62.8	67.5	3.548	16455	487	920

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
CDXRT-630-7.5 IE3	C	Static	VSD not necessary	1.01	65.0	68.5	4.671	18244	599	1020
CDXRT-630-10 IE3	C	Static	VSD not necessary	1.01	66.1	68.2	6.327	20301	741	1135
CDXRT-630-15 IE3	C	Static	VSD not necessary	1.01	66.1	66.5	9.176	22984	950	1285
CDXRT-630-20 IE3	C	Static	VSD not necessary	1.01	66.0	65.8	13.215	25935	1210	1450
CDXRT-630-25 IE3	C	Static	VSD not necessary	1.01	67.1	66.7	15.890	27724	1383	1550
CDXRT-630-30 IE3	C	Static	VSD not necessary	1.02	66.6	66.0	18.924	29333	1548	1640
CDXRT-710-3 IE3	C	Static	VSD not necessary	1.00	65.1	73.5	1.593	12855	291	580
CDXRT-710-4 IE3	C	Static	VSD not necessary	1.00	65.7	72.4	2.277	14517	371	655
CDXRT-710-5.5 IE3	C	Static	VSD not necessary	1.00	67.4	72.8	3.079	16179	461	730
CDXRT-710-7.5 IE3	C	Static	VSD not necessary	1.01	69.5	73.7	3.994	17842	561	805
CDXRT-710-10 IE3	C	Static	VSD not necessary	1.01	70.9	73.8	5.292	19725	685	890
CDXRT-710-15 IE3	C	Static	VSD not necessary	1.01	71.2	72.3	7.816	22496	891	1015
CDXRT-710-20 IE3	C	Static	VSD not necessary	1.01	71.1	71.1	11.108	25266	1124	1140
CDXRT-710-25 IE3	C	Static	VSD not necessary	1.01	72.1	71.8	13.568	27150	1298	1225
CDXRT-710-30 IE3	C	Static	VSD not necessary	1.02	71.7	71.2	16.312	28812	1462	1300
CDXRT-800-4 IE3	C	Static	VSD not necessary	1.00	62.0	67.2	3.216	18808	382	595
CDXRT-800-5.5 IE3	C	Static	VSD not necessary	1.00	63.3	67.3	4.204	20737	462	655
CDXRT-800-7.5 IE3	C	Static	VSD not necessary	1.01	65.8	68.3	5.725	23327	581	735
CDXRT-800-10 IE3	C	Static	VSD not necessary	1.01	66.5	67.7	7.692	25632	718	815
CDXRT-800-15 IE3	C	Static	VSD not necessary	1.01	66.5	66.4	11.246	29092	925	925
CDXRT-800-20 IE3	C	Static	VSD not necessary	1.01	68.0	67.6	14.970	32237	1136	1025
CDXRT-800-25 IE3	C	Static	VSD not necessary	1.01	68.7	68.1	18.303	34596	1308	1100
CDXRT-800-30 IE3	C	Static	VSD not necessary	1.01	68.7	67.9	21.465	36483	1455	1160
CDXRT-800-40 IE3	C	Static	VSD not necessary	1.02	68.7	67.6	29.520	40572	1800	1290
CDXRT-900-5.5 IE3	C	Static	VSD not necessary	1.00	64.5	68.7	3.983	23839	388	540
CDXRT-900-7.5 IE3	C	Static	VSD not necessary	1.00	66.8	69.7	5.279	26560	478	600
CDXRT-900-10 IE3	C	Static	VSD not necessary	1.01	67.8	69.4	7.043	29124	590	665
CDXRT-900-15 IE3	C	Static	VSD not necessary	1.01	67.8	67.9	10.513	33285	771	760
CDXRT-900-20 IE3	C	Static	VSD not necessary	1.01	69.4	69.1	13.887	36789	942	840
CDXRT-900-25 IE3	C	Static	VSD not necessary	1.01	70.1	69.6	16.616	39197	1070	895
CDXRT-900-30 IE3	C	Static	VSD not necessary	1.01	70.1	69.4	20.187	41825	1218	955
CDXRT-900-40 IE3	C	Static	VSD not necessary	1.02	70.1	69.1	27.216	46205	1486	1055
CDXRT-900-50 IE3	C	Static	VSD not necessary	1.02	70.9	69.6	33.087	49490	1705	1130
CDXRT-900-60 IE3	C	Static	VSD not necessary	1.02	70.9	69.4	39.624	52555	1923	1200
CDXRT-1000-7.5 IE3	C	Static	VSD not necessary	1.00	66.9	69.7	5.441	30844	425	520
CDXRT-1000-10 IE3	C	Static	VSD not necessary	1.01	67.9	69.3	7.216	33696	523	575
CDXRT-1000-15 IE3	C	Static	VSD not necessary	1.01	67.9	67.9	10.424	38091	668	650
CDXRT-1000-20 IE3	C	Static	VSD not necessary	1.01	69.4	69.1	13.859	42193	820	720
CDXRT-1000-25 IE3	C	Static	VSD not necessary	1.01	70.1	69.6	17.098	45416	950	775
CDXRT-1000-30 IE3	C	Static	VSD not necessary	1.01	70.1	69.4	20.253	48053	1064	820
CDXRT-1000-40 IE3	C	Static	VSD not necessary	1.01	70.1	69.1	27.680	53328	1310	910
CDXRT-1000-50 IE3	C	Static	VSD not necessary	1.02	70.9	69.6	33.683	57137	1504	975
CDXRT-1000-60 IE3	C	Static	VSD not necessary	1.02	70.9	69.4	40.878	60946	1711	1040
CDXRT-1000-75 IE3	C	Static	VSD not necessary	1.02	70.9	69.2	48.370	64462	1914	1100