

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.

www.sodeca.com

ERP: Performance at the best efficiency point (BEP)

| | |
|-----|----------------------|
| MC | Measurement category |
| EC | Efficiency category |
| VSD | Variable Speed Drive |
| SR | Specific ratio |

| | |
|---------------------|----------------------------------|
| [m ³ /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 ³ /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 |

| Model | MC | EC | VSD | SR | η_e [%] | N | [kW] | [m ³ /h] | [Pa] | [RPM] |
|--------------------|----|--------|-------------------|------|--------------|------|--------|---------------------|------|-------|
| CSXRT-800-30 IE3 | C | Static | VSD not necessary | 1.02 | 65.1 | 64.5 | 18.063 | 20912 | 2024 | 1425 |
| 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 |