

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] |
|-------------------|----|--------|-------------------|------|-------|------|--------|---------------------|------|-------|
| 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 | η_e [%] | N | [kW] | [m ³ /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 |