

## 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 <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] |
|-------------------|----|--------|-------------------|------|-------|------|--------|---------------------|------|-------|
| 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   | $\eta_e$ [%] | N    | [kW]   | [m <sup>3</sup> /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  |