

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 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] |
|----------------------------|----|--------|-------------------|------|-------|------|--------|---------------------|------|-------|
| WALL/DUCT-40-2T-1.5 IE3 | C | Total | VSD not necessary | 1.00 | 62.4 | 69.3 | 0.810 | 8806 | 21 | 2830 |
| WALL/DUCT-45-2T-2 IE3 | C | Total | VSD not necessary | 1.00 | 56.9 | 63.0 | 1.077 | 10630 | 21 | 2875 |
| WALL/DUCT-45-2T-3 IE3 | C | Total | VSD not necessary | 1.00 | 64.8 | 69.5 | 1.807 | 11746 | 37 | 2910 |
| WALL/DUCT-45-4T-0.5 | C | Static | VSD not necessary | 1.00 | 35.2 | 43.7 | 0.430 | 6184 | 13 | 1370 |
| WALL/DUCT-50-4T-0.75 | C | Total | VSD not necessary | 1.00 | 59.1 | 66.6 | 0.661 | 9635 | 15 | 1380 |
| WALL/DUCT-56-4T-1 IE3 | C | Total | VSD not necessary | 1.00 | 62.5 | 69.6 | 0.746 | 12711 | 14 | 1420 |
| WALL/DUCT-56-4T-1.5 IE3 | C | Total | VSD not necessary | 1.00 | 66.0 | 72.5 | 0.957 | 12950 | 18 | 1455 |
| WALL/DUCT-56-4T-2 IE3 | C | Total | VSD not necessary | 1.00 | 52.9 | 58.0 | 1.555 | 13769 | 22 | 1440 |
| WALL/DUCT-63-4T-1 IE3 | C | Total | VSD not necessary | 1.00 | 69.9 | 77.4 | 0.642 | 12558 | 13 | 1420 |
| WALL/DUCT-63-4T-1.5 IE3 | C | Total | VSD not necessary | 1.00 | 67.6 | 73.6 | 1.134 | 14324 | 20 | 1455 |
| WALL/DUCT-63-4T-2 IE3 | C | Total | VSD not necessary | 1.00 | 67.3 | 72.6 | 1.476 | 15774 | 23 | 1440 |
| WALL/DUCT-63-4T-3 IE3 | C | Total | VSD not necessary | 1.00 | 73.0 | 77.5 | 1.976 | 20220 | 26 | 1435 |
| WALL/DUCT-63-4T-4 IE3 | C | Total | VSD not necessary | 1.00 | 66.7 | 69.7 | 3.322 | 23303 | 35 | 1440 |
| WALL/DUCT-63-6T-0.75 | C | Static | VSD not necessary | 1.00 | 35.4 | 43.6 | 0.495 | 12078 | 8 | 900 |
| WALL/DUCT-71-4T-2 IE3 | C | Total | VSD not necessary | 1.00 | 73.1 | 78.6 | 1.359 | 17726 | 21 | 1440 |
| WALL/DUCT-71-4T-3 IE3 | C | Total | VSD not necessary | 1.00 | 68.7 | 73.0 | 2.074 | 20783 | 25 | 1435 |
| WALL/DUCT-71-4T-4 IE3 | C | Total | VSD not necessary | 1.00 | 70.3 | 73.4 | 3.307 | 26837 | 32 | 1440 |
| WALL/DUCT-71-6T-1 IE3 | C | Total | VSD not necessary | 1.00 | 58.4 | 65.6 | 0.724 | 17262 | 9 | 940 |
| WALL/DUCT-71-6T-1.5 IE3 | C | Total | VSD not necessary | 1.00 | 70.1 | 76.2 | 1.081 | 20965 | 13 | 945 |
| WALL/DUCT-80-4T-3 IE3 | C | Static | VSD not necessary | 1.00 | 59.0 | 63.1 | 2.134 | 22071 | 26 | 1435 |
| WALL/DUCT-80-4T-4 IE3 | C | Static | VSD not necessary | 1.00 | 55.9 | 59.1 | 3.141 | 25820 | 33 | 1440 |
| WALL/DUCT-80-4T-5.5 IE3 | C | Total | VSD not necessary | 1.00 | 72.4 | 74.6 | 4.446 | 33475 | 35 | 1450 |
| WALL/DUCT-80-6T-1.5 IE3 | C | Total | VSD not necessary | 1.00 | 72.1 | 77.8 | 1.251 | 20662 | 16 | 945 |
| WALL/DUCT-80-6T-2 IE3 | C | Total | VSD not necessary | 1.00 | 68.9 | 73.8 | 1.708 | 24725 | 18 | 950 |
| WALL/DUCT-90-4T-5.5 IE3 | C | Static | VSD not necessary | 1.00 | 56.1 | 58.4 | 4.228 | 32624 | 35 | 1450 |
| WALL/DUCT-90-4T-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 53.3 | 54.7 | 6.014 | 41400 | 38 | 1465 |
| WALL/DUCT-90-4T-10 IE3 | C | Total | VSD not necessary | 1.00 | 76.6 | 77.5 | 7.353 | 46278 | 45 | 1465 |
| WALL/DUCT-90-6T-2 IE3 | C | Static | VSD not necessary | 1.00 | 53.9 | 58.8 | 1.745 | 23964 | 19 | 950 |
| WALL/DUCT-90-6T-3 IE3 | C | Total | VSD not necessary | 1.00 | 71.3 | 75.3 | 2.307 | 31997 | 19 | 950 |
| WALL/DUCT-90-6T-4 IE3 | C | Total | VSD not necessary | 1.00 | 70.8 | 73.9 | 3.209 | 37615 | 22 | 970 |
| WALL/DUCT-100-4T-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 51.0 | 52.4 | 5.793 | 44062 | 32 | 1465 |
| WALL/DUCT-100-4T-10 IE3 | C | Total | VSD not necessary | 1.00 | 75.2 | 76.1 | 7.361 | 52808 | 39 | 1465 |
| WALL/DUCT-100-4T-15 IE3 | C | Total | VSD not necessary | 1.00 | 75.7 | 75.7 | 10.474 | 59684 | 49 | 1470 |
| WALL/DUCT-100-4T-20 IE3 | C | Total | VSD not necessary | 1.00 | 72.9 | 72.8 | 12.705 | 64070 | 53 | 1465 |
| WALL/DUCT-100-6T-3 IE3 | C | Total | VSD not necessary | 1.00 | 69.4 | 73.4 | 2.332 | 34509 | 17 | 950 |
| WALL/DUCT-100-6T-4 IE3 | C | Total | VSD not necessary | 1.00 | 70.0 | 73.1 | 3.212 | 41225 | 20 | 970 |
| WALL/DUCT-100-6T-5.5 IE3 | C | Total | VSD not necessary | 1.00 | 75.2 | 77.7 | 4.112 | 48684 | 23 | 960 |
| WALL/DUCT-125-4T/6-20 IE3 | C | Static | VSD not necessary | 1.01 | 56.4 | 56.2 | 14.333 | 52757 | 56 | 1470 |
| WALL/DUCT-125-4T/6-25 IE3 | C | Static | VSD not necessary | 1.01 | 57.8 | 57.4 | 17.753 | 74887 | 64 | 1470 |
| WALL/DUCT-125-4T/6-30 IE3 | C | Static | VSD not necessary | 1.01 | 56.2 | 55.7 | 20.930 | 80568 | 70 | 1470 |
| WALL/DUCT-125-4T/6-40 IE3 | C | Total | VSD not necessary | 1.01 | 75.5 | 74.7 | 31.294 | 97831 | 89 | 1475 |
| WALL/DUCT-125-4T/6-50 IE3 | C | Total | VSD not necessary | 1.01 | 74.4 | 73.4 | 39.324 | 109379 | 98 | 1480 |
| WALL/DUCT-125-4T/9-25 IE3 | C | Static | VSD not necessary | 1.01 | 61.0 | 60.5 | 20.706 | 41358 | 112 | 1470 |
| WALL/DUCT-125-4T/9-30 IE3 | C | Static | VSD not necessary | 1.01 | 57.3 | 56.8 | 20.110 | 74683 | 70 | 1470 |
| WALL/DUCT-125-4T/9-40 IE3 | C | Total | VSD not necessary | 1.01 | 71.9 | 71.2 | 27.337 | 89896 | 80 | 1475 |
| WALL/DUCT-125-4T/9-50 IE3 | C | Total | VSD not necessary | 1.01 | 74.7 | 73.8 | 36.694 | 103373 | 97 | 1480 |
| WALL/DUCT-125-4T/12-30 IE3 | C | Static | VSD not necessary | 1.01 | 53.1 | 52.5 | 22.790 | 42242 | 105 | 1475 |
| WALL/DUCT-125-4T/12-40 IE3 | C | Static | VSD not necessary | 1.01 | 54.2 | 53.5 | 28.816 | 52009 | 110 | 1470 |
| WALL/DUCT-125-4T/12-50 IE3 | C | Static | VSD not necessary | 1.01 | 53.6 | 52.6 | 39.201 | 65718 | 117 | 1480 |
| WALL/DUCT-125-6T/6-5.5 IE3 | C | Static | VSD not necessary | 1.00 | 53.7 | 56.1 | 4.235 | 34565 | 24 | 960 |
| WALL/DUCT-125-6T/6-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 54.1 | 55.7 | 5.340 | 49064 | 28 | 960 |
| WALL/DUCT-125-6T/6-10 IE3 | C | Total | VSD not necessary | 1.00 | 74.3 | 75.0 | 7.888 | 61361 | 35 | 960 |
| WALL/DUCT-125-6T/6-15 IE3 | C | Total | VSD not necessary | 1.00 | 71.8 | 71.8 | 11.459 | 71662 | 42 | 955 |
| WALL/DUCT-125-6T/6-20 IE3 | C | Total | VSD not necessary | 1.00 | 69.5 | 69.3 | 14.416 | 78700 | 47 | 970 |
| WALL/DUCT-125-6T/9-10 IE3 | C | Total | VSD not necessary | 1.00 | 71.0 | 72.2 | 6.503 | 54638 | 31 | 960 |
| WALL/DUCT-125-6T/9-15 IE3 | C | Total | VSD not necessary | 1.00 | 70.6 | 70.6 | 10.913 | 67727 | 42 | 955 |
| WALL/DUCT-125-6T/9-20 IE3 | C | Total | VSD not necessary | 1.00 | 71.7 | 71.5 | 15.185 | 79129 | 51 | 970 |
| WALL/DUCT-125-6T/9-25 IE3 | C | Total | VSD not necessary | 1.00 | 72.9 | 72.4 | 20.326 | 89380 | 61 | 975 |
| WALL/DUCT-125-6T/12-25 IE3 | C | Static | VSD not necessary | 1.00 | 46.5 | 46.1 | 19.000 | 73697 | 58 | 975 |

| Model | MC | EC | VSD | SR | η_e [%] | N | [kW] | [m ³ /h] | [Pa] | [RPM] |
|----------------------------|----|-------|-------------------|------|--------------|------|--------|---------------------|------|-------|
| WALL/DUCT-125-6T/12-30 IE3 | C | Total | VSD not necessary | 1.01 | 63.7 | 63.1 | 22.786 | 84132 | 63 | 975 |
| WALL/DUCT-125-6T/12-40 IE3 | C | Total | VSD not necessary | 1.01 | 61.5 | 60.7 | 31.547 | 96293 | 74 | 980 |