

# 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).

|            |                      |
|------------|----------------------|
| <b>MC</b>  | Measurement category |
| <b>EC</b>  | Efficiency category  |
| <b>VSD</b> | Variable Speed Drive |
| <b>SR</b>  | Specific ratio       |

|                          |  |
|--------------------------|--|
| <b>[m<sup>3</sup>/h]</b> | Flow rate                                  |
| <b>[Pa]</b>              | Static pressure or total (depending on EC) |
| <b>[RPM]</b>             | Rotation per minute                        |

|               |                  |
|---------------|------------------|
| <b>ηe [%]</b> | Efficiency       |
| <b>N</b>      | Efficiency grade |
| <b>[kw]</b>   | Input power      |

| Model               | MC | EC     | VSD               | SR   | ηe[%] | N    | [kW]   | [m <sup>3</sup> /h] | [Pa] | [RPM]                   |
|---------------------|----|--------|-------------------|------|-------|------|--------|---------------------|------|-------------------------|
| CMP-38-2M           |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-512-2T          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-512-2M          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-512-4T          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-512-4M          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-514-2T          | A  | Static | VSD not necessary | 1.01 | 34.1  | 45.1 | 0.180  | 399                 | 568  | 2833                    |
| CMP-514-2M          | B  | Total  | VSD not necessary | 1.01 | 38.8  | 49.2 | 0.224  | 487                 | 644  | 2835                    |
| CMP-514-4T          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-514-4M          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-616-2T          | A  | Static | VSD not necessary | 1.01 | 36.8  | 46.0 | 0.340  | 639                 | 712  | 2893                    |
| CMP-616-2M          | A  | Static | VSD not necessary | 1.01 | 36.7  | 46.0 | 0.345  | 639                 | 712  | 2917                    |
| CMP-616-4T          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-616-4M          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-620-2T          | A  | Static | VSD not necessary | 1.01 | 38.0  | 46.1 | 0.530  | 699                 | 1027 | 2732                    |
| CMP-620-2M          | A  | Static | VSD not necessary | 1.01 | 36.2  | 44.0 | 0.580  | 765                 | 983  | 2770                    |
| CMP-620-4T          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-620-4M          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-718-2T IE3      | A  | Static | VSD not necessary | 1.01 | 40.5  | 48.3 | 0.570  | 909                 | 914  | 2891                    |
| CMP-718-2M          | A  | Static | VSD not necessary | 1.01 | 36.5  | 44.1 | 0.632  | 909                 | 914  | 2882                    |
| CMP-718-4T          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-718-4M          |    |        |                   |      |       |      |        |                     |      | ErP Exclude. Pe < 125 W |
| CMP-820-2T IE3      | A  | Static | VSD not necessary | 1.01 | 49.9  | 57.5 | 0.635  | 935                 | 1220 | 2918                    |
| CMP-820-2M          | A  | Static | VSD not necessary | 1.01 | 39.9  | 46.2 | 1.030  | 1317                | 1122 | 2874                    |
| CMP-820-4T          | A  | Static | VSD not necessary | 1.00 | 35.2  | 46.5 | 0.160  | 721                 | 290  | 1441                    |
| CMP-820-4M          | A  | Static | VSD not necessary | 1.00 | 35.0  | 46.3 | 0.166  | 721                 | 290  | 1450                    |
| CMP-922-2T-1.5 IE3  | A  | Static | VSD not necessary | 1.01 | 48.2  | 53.9 | 1.288  | 1652                | 1354 | 2833                    |
| CMP-922-2T-2 IE3    | A  | Static | VSD not necessary | 1.02 | 45.2  | 50.4 | 1.516  | 1744                | 1415 | 2893                    |
| CMP-922-2T-3 IE3    | A  | Static | VSD not necessary | 1.02 | 43.1  | 47.8 | 1.765  | 1915                | 1429 | 2937                    |
| CMP-922-4T          | A  | Static | VSD not necessary | 1.00 | 36.4  | 46.0 | 0.310  | 1187                | 339  | 1437                    |
| CMP-1025-2T-3 IE3   | A  | Static | VSD not necessary | 1.02 | 43.8  | 47.9 | 2.223  | 1923                | 1821 | 2921                    |
| CMP-1025-2T-4 IE3   | A  | Static | VSD not necessary | 1.02 | 44.3  | 47.4 | 3.176  | 2717                | 1862 | 2917                    |
| CMP-1025-4T IE3     | A  | Static | VSD not necessary | 1.01 | 40.0  | 48.2 | 0.497  | 1519                | 471  | 1483                    |
| CMP-1128-2T-4 IE3   | A  | Static | VSD not necessary | 1.02 | 44.0  | 47.4 | 2.922  | 2216                | 2088 | 2924                    |
| CMP-1128-2T-5.5 IE3 | A  | Static | VSD not necessary | 1.02 | 46.1  | 48.6 | 4.166  | 3095                | 2235 | 2906                    |
| CMP-1128-4T IE3     | A  | Static | VSD not necessary | 1.01 | 42.0  | 48.4 | 0.968  | 2303                | 634  | 1475                    |
| CMP-1128-6T IE3     | A  | Static | VSD not necessary | 1.00 | 38.2  | 47.6 | 0.334  | 1622                | 284  | 979                     |
| CMP-1231-4T-3 IE3   | A  | Static | VSD not necessary | 1.01 | 43.1  | 48.5 | 1.426  | 2914                | 760  | 1463                    |
| CMP-1231-4T-4 IE3   | A  | Static | VSD not necessary | 1.01 | 42.2  | 47.3 | 1.576  | 3143                | 761  | 1472                    |
| CMP-1231-4T-5.5 IE3 | A  | Static | VSD not necessary | 1.01 | 42.1  | 47.2 | 1.604  | 3087                | 788  | 1482                    |
| CMP-1231-6T IE3     | A  | Static | VSD not necessary | 1.00 | 39.7  | 47.6 | 0.558  | 2332                | 342  | 985                     |
| CMP-1435-4T-4 IE3   | A  | Static | VSD not necessary | 1.01 | 43.4  | 47.4 | 2.373  | 3916                | 946  | 1458                    |
| CMP-1435-4T-5.5 IE3 | A  | Static | VSD not necessary | 1.01 | 43.4  | 47.3 | 2.370  | 3865                | 957  | 1474                    |
| CMP-1435-4T-7.5 IE3 | A  | Static | VSD not necessary | 1.01 | 43.9  | 47.8 | 2.410  | 3904                | 976  | 1486                    |
| CMP-1640-4T-5.5 IE3 | A  | Static | VSD not necessary | 1.01 | 57.5  | 60.8 | 2.999  | 4868                | 1274 | 1467                    |
| CMP-1640-4T-7.5 IE3 | A  | Static | VSD not necessary | 1.02 | 50.0  | 52.6 | 3.853  | 5231                | 1325 | 1478                    |
| CMP-1640-4T-10 IE3  | A  | Static | VSD not necessary | 1.02 | 44.2  | 46.4 | 4.539  | 5471                | 1321 | 1481                    |
| CMP-1640-6T IE3     | A  | Static | VSD not necessary | 1.01 | 45.3  | 51.0 | 1.270  | 3996                | 518  | 975                     |
| CMP-1845-4T-7.5 IE3 | A  | Static | VSD not necessary | 1.02 | 61.1  | 62.5 | 6.032  | 8000                | 1657 | 1465                    |
| CMP-1845-4T-10 IE3  | A  | Static | VSD not necessary | 1.02 | 59.7  | 60.6 | 7.338  | 9071                | 1739 | 1468                    |
| CMP-1845-6T IE3     | A  | Static | VSD not necessary | 1.01 | 49.8  | 54.1 | 2.071  | 5934                | 625  | 960                     |
| CMP-2050-4T-10 IE3  | A  | Static | VSD not necessary | 1.02 | 56.7  | 57.3 | 8.120  | 8977                | 1847 | 1465                    |
| CMP-2050-4T-15 IE3  | A  | Static | VSD not necessary | 1.02 | 57.1  | 57.3 | 9.359  | 10027               | 1919 | 1477                    |
| CMP-2050-4T-20 IE3  | B  | Total  | VSD not necessary | 1.03 | 56.1  | 55.9 | 14.688 | 14259               | 2080 | 1468                    |
| CMP-2050-6T IE3     | B  | Total  | VSD not necessary | 1.01 | 48.8  | 51.0 | 4.554  | 11000               | 727  | 960                     |