

## 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)

|            |                      |
|------------|----------------------|
| <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> | Flowrate                         |
| <b>[Pa]</b>              | Static pressure / Total pressure |
| <b>[RPM]</b>             | Speed                            |

|               |                  |
|---------------|------------------|
| <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] |
|----------------------------|----|--------|---------------------|------|-------|------|--------|---------------------|------|-------|
| TCMP-820-4T-F-400          | B  | Total  | VSD nu este necesar | 1.00 | 55.0  | 65.6 | 0.214  | 1115                | 380  | 1441  |
| TCMP-922-4T-F-400          | B  | Total  | VSD nu este necesar | 1.00 | 54.4  | 63.9 | 0.316  | 1494                | 414  | 1437  |
| TCMP-1025-4T-1.5-F-400 IE3 | B  | Total  | VSD nu este necesar | 1.00 | 46.8  | 54.6 | 0.604  | 1858                | 547  | 1483  |
| TCMP-1025-4T-2-F-400 IE3   | A  | Static | VSD nu este necesar | 1.01 | 37.0  | 44.9 | 0.555  | 1541                | 479  | 1481  |
| TCMP-1128-4T-3-F-400 IE3   | B  | Total  | VSD nu este necesar | 1.01 | 48.5  | 54.6 | 1.121  | 2666                | 734  | 1475  |
| TCMP-1128-4T-4-F-400 IE3   | B  | Total  | VSD nu este necesar | 1.01 | 47.6  | 53.5 | 1.194  | 2730                | 750  | 1482  |
| TCMP-1128-6T-F-400 IE3     | B  | Total  | VSD nu este necesar | 1.00 | 45.1  | 54.1 | 0.385  | 1901                | 329  | 979   |
| TCMP-1231-4T-3-F-400 IE3   | B  | Total  | VSD nu este necesar | 1.01 | 49.3  | 54.1 | 1.766  | 3578                | 875  | 1463  |
| TCMP-1231-4T-4-F-400 IE3   | B  | Total  | VSD nu este necesar | 1.01 | 50.5  | 55.0 | 1.983  | 3981                | 906  | 1472  |
| TCMP-1231-4T-5.5-F-400 IE3 | B  | Total  | VSD nu este necesar | 1.01 | 48.9  | 53.4 | 1.985  | 3758                | 930  | 1482  |
| TCMP-1231-6T-F-400 IE3     | B  | Total  | VSD nu este necesar | 1.00 | 48.3  | 55.7 | 0.678  | 2856                | 412  | 985   |
| TCMP-1435-4T-4-F-400 IE3   | B  | Total  | VSD nu este necesar | 1.01 | 53.5  | 57.0 | 2.883  | 4749                | 1169 | 1458  |
| TCMP-1435-4T-5.5-F-400 IE3 | B  | Total  | VSD nu este necesar | 1.01 | 52.7  | 56.1 | 3.012  | 4832                | 1183 | 1474  |
| TCMP-1435-4T-7.5-F-400 IE3 | B  | Total  | VSD nu este necesar | 1.01 | 52.8  | 56.1 | 3.133  | 4908                | 1215 | 1486  |
| TCMP-1435-4T-10-F-400 IE3  | B  | Total  | VSD nu este necesar | 1.01 | 52.9  | 56.0 | 3.285  | 5217                | 1199 | 1491  |
| TCMP-1435-6T-F-400 IE3     | B  | Total  | VSD nu este necesar | 1.00 | 65.8  | 71.0 | 1.563  | 5857                | 632  | 983   |
| TCMP-1640-4T-5.5-F-400 IE3 | B  | Total  | VSD nu este necesar | 1.01 | 65.9  | 68.9 | 3.457  | 5583                | 1470 | 1467  |
| TCMP-1640-4T-7.5-F-400 IE3 | B  | Total  | VSD nu este necesar | 1.01 | 57.3  | 59.5 | 4.548  | 6122                | 1533 | 1478  |
| TCMP-1640-4T-10-F-400 IE3  | B  | Total  | VSD nu este necesar | 1.01 | 51.8  | 53.5 | 5.552  | 6699                | 1546 | 1481  |
| TCMP-1640-6T-F-400 IE3     | B  | Total  | VSD nu este necesar | 1.01 | 56.5  | 61.7 | 1.558  | 5041                | 629  | 975   |
| TCMP-1845-4T-7.5-F-400 IE3 | B  | Total  | VSD nu este necesar | 1.02 | 70.3  | 71.7 | 6.126  | 8000                | 1937 | 1465  |
| TCMP-1845-4T-10-F-400 IE3  | B  | Total  | VSD nu este necesar | 1.02 | 72.8  | 73.4 | 8.156  | 9905                | 2156 | 1468  |
| TCMP-1845-6T-F-400 IE3     | B  | Total  | VSD nu este necesar | 1.01 | 65.4  | 69.2 | 2.593  | 7462                | 818  | 960   |
| TCMP-2050-4T-10-F-400 IE3  | A  | Static | VSD nu este necesar | 1.02 | 56.7  | 57.3 | 8.120  | 8977                | 1847 | 1465  |
| TCMP-2050-4T-15-F-400 IE3  | B  | Total  | VSD nu este necesar | 1.02 | 66.7  | 66.7 | 12.008 | 12525               | 2303 | 1477  |
| TCMP-2050-4T-20-F-400 IE3  | B  | Total  | VSD nu este necesar | 1.02 | 72.1  | 71.9 | 15.891 | 15989               | 2579 | 1465  |
| TCMP-2050-6T-F-400 IE3     | B  | Total  | VSD nu este necesar | 1.01 | 48.8  | 51.0 | 4.554  | 11000               | 727  | 960   |