

## 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       |

|        |                                  |
|--------|----------------------------------|
| [m³/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]  | [m³/h] | [Pa] | [RPM] |
|--------------------|----|--------|-------------------|------|-------|------|-------|--------|------|-------|
| TSAT-12/6-0.75     | C  | Static | VSD not necessary | 1.00 | 36.0  | 44.7 | 0.420 | 1532   | 358  | 1000  |
| TSAT-12/6-1 IE3    | C  | Static | VSD not necessary | 1.00 | 41.9  | 50.2 | 0.482 | 1685   | 433  | 1100  |
| TSAT-12/6-1.5 IE3  | C  | Static | VSD not necessary | 1.01 | 43.1  | 50.5 | 0.685 | 1915   | 559  | 1250  |
| TSAT-12/6-2 IE3    | C  | Static | VSD not necessary | 1.01 | 44.0  | 51.1 | 0.763 | 1992   | 604  | 1300  |
| TSAT-12/6-3 IE3    | C  | Static | VSD not necessary | 1.01 | 44.3  | 50.2 | 1.159 | 2298   | 805  | 1500  |
| TSAT-15/7-1 IE3    | C  | Static | VSD not necessary | 1.00 | 47.6  | 56.5 | 0.386 | 2011   | 331  | 800   |
| TSAT-15/7-1.5 IE3  | C  | Static | VSD not necessary | 1.00 | 49.0  | 57.5 | 0.453 | 2137   | 374  | 850   |
| TSAT-15/7-2 IE3    | C  | Static | VSD not necessary | 1.00 | 50.1  | 58.0 | 0.563 | 2313   | 438  | 920   |
| TSAT-15/7-3 IE3    | C  | Static | VSD not necessary | 1.01 | 50.3  | 57.6 | 0.714 | 2514   | 517  | 1000  |
| TSAT-15/7-4 IE3    | C  | Static | VSD not necessary | 1.01 | 50.4  | 57.2 | 0.831 | 2639   | 570  | 1050  |
| TSAT-18/9-1.5 IE3  | C  | Static | VSD not necessary | 1.00 | 58.0  | 65.7 | 0.598 | 2983   | 420  | 750   |
| TSAT-18/9-2 IE3    | C  | Static | VSD not necessary | 1.00 | 59.2  | 66.6 | 0.687 | 3143   | 466  | 790   |
| TSAT-18/9-3 IE3    | C  | Static | VSD not necessary | 1.00 | 59.7  | 67.0 | 0.705 | 3182   | 478  | 800   |
| TSAT-18/9-4 IE3    | C  | Static | VSD not necessary | 1.01 | 59.8  | 66.6 | 0.850 | 3381   | 539  | 850   |
| TSAT-18/9-5.5 IE3  | C  | Static | VSD not necessary | 1.01 | 60.8  | 67.0 | 1.056 | 3660   | 632  | 920   |
| TSAT-20/10-2 IE3   | C  | Static | VSD not necessary | 1.00 | 61.3  | 68.9 | 0.620 | 3584   | 380  | 650   |
| TSAT-20/10-3 IE3   | C  | Static | VSD not necessary | 1.00 | 61.6  | 68.8 | 0.734 | 3804   | 428  | 690   |
| TSAT-20/10-4 IE3   | C  | Static | VSD not necessary | 1.01 | 61.8  | 68.3 | 0.938 | 4135   | 506  | 750   |
| TSAT-20/10-5.5 IE3 | C  | Static | VSD not necessary | 1.01 | 62.8  | 68.9 | 1.085 | 4356   | 561  | 790   |
| TSAT-20/10-7.5 IE3 | C  | Static | VSD not necessary | 1.01 | 64.3  | 69.9 | 1.315 | 4686   | 650  | 850   |
| TSAT-22/11-3 IE3   | C  | Static | VSD not necessary | 1.00 | 51.6  | 57.0 | 1.419 | 6976   | 378  | 580   |
| TSAT-22/11-4 IE3   | C  | Static | VSD not necessary | 1.00 | 51.8  | 56.8 | 1.642 | 7337   | 418  | 610   |
| TSAT-22/11-5.5 IE3 | C  | Static | VSD not necessary | 1.01 | 52.8  | 57.3 | 1.955 | 7818   | 474  | 650   |
| TSAT-22/11-7.5 IE3 | C  | Static | VSD not necessary | 1.01 | 54.2  | 58.3 | 2.273 | 8299   | 534  | 690   |
| TSAT-22/11-10 IE3  | C  | Static | VSD not necessary | 1.01 | 54.9  | 58.3 | 2.883 | 9021   | 631  | 750   |
| TSAT-22/11-15 IE3  | C  | Static | VSD not necessary | 1.01 | 55.5  | 58.1 | 3.864 | 9983   | 773  | 830   |
| TSAT-22/11-20 IE3  | C  | Static | VSD not necessary | 1.01 | 56.0  | 57.9 | 5.045 | 10946  | 929  | 910   |
| TSAT-22/11-25 IE3  | C  | Static | VSD not necessary | 1.01 | 57.1  | 58.3 | 6.561 | 12028  | 1122 | 1000  |
| TSAT-25/13-4 IE3   | C  | Static | VSD not necessary | 1.00 | 48.3  | 53.5 | 1.515 | 6778   | 387  | 520   |
| TSAT-25/13-5.5 IE3 | C  | Static | VSD not necessary | 1.00 | 49.3  | 54.1 | 1.750 | 7169   | 433  | 550   |
| TSAT-25/13-7.5 IE3 | C  | Static | VSD not necessary | 1.01 | 50.6  | 54.9 | 2.108 | 7691   | 499  | 590   |
| TSAT-25/13-10 IE3  | C  | Static | VSD not necessary | 1.01 | 51.1  | 55.0 | 2.418 | 8082   | 551  | 620   |
| TSAT-25/13-15 IE3  | C  | Static | VSD not necessary | 1.01 | 51.6  | 54.7 | 3.307 | 8994   | 682  | 690   |
| TSAT-25/13-20 IE3  | C  | Static | VSD not necessary | 1.01 | 51.9  | 54.3 | 4.214 | 9776   | 806  | 750   |
| TSAT-25/13-25 IE3  | C  | Static | VSD not necessary | 1.01 | 53.2  | 55.0 | 5.177 | 10558  | 940  | 810   |
| TSAT-30/14-5.5 IE3 | C  | Static | VSD not necessary | 1.00 | 51.5  | 55.7 | 2.180 | 11535  | 351  | 400   |
| TSAT-30/14-7.5 IE3 | C  | Static | VSD not necessary | 1.01 | 52.8  | 56.6 | 2.553 | 12256  | 396  | 425   |
| TSAT-30/14-10 IE3  | C  | Static | VSD not necessary | 1.01 | 53.5  | 56.6 | 3.192 | 13265  | 464  | 460   |
| TSAT-30/14-15 IE3  | C  | Static | VSD not necessary | 1.01 | 54.1  | 56.6 | 4.060 | 14419  | 548  | 500   |
| TSAT-30/14-20 IE3  | C  | Static | VSD not necessary | 1.01 | 54.6  | 56.3 | 5.351 | 15861  | 664  | 550   |
| TSAT-30/14-25 IE3  | C  | Static | VSD not necessary | 1.01 | 55.6  | 56.7 | 6.832 | 17303  | 790  | 600   |
| TSAT-12/6#         |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-15/7#         |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-18/9#         |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-20/10#        |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-20/10#B       |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-22/11#        |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-22/11#B       |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-25/13#        |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-25/13#B       |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-30/14#        |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |
| TSAT-30/14#B       |    |        |                   |      | 0.0   | 0.0  | 0.000 |        |      |       |