

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 |

| | |
|---------------|----------------------------------|
| [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 |