

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] | [m ³ /h] | [Pa] | [RPM] |
|----------------------|----|-------|-------------------|--------------------------------|-------|------|--------|---------------------|-------|-------|
| CAS-S-242-2T-0.5 | A | Total | VSD not necessary | 1.02 | 55.2 | 68.7 | 0.527 | 650 | 1612 | 2731 |
| CAS-S-248-2T-1 IE3 | B | Total | VSD not necessary | 1.03 | 56.2 | 67.4 | 0.865 | 500 | 3499 | 2834 |
| CAS-S-248-2T-1.5 IE3 | B | Total | VSD not necessary | 1.03 | 58.6 | 69.1 | 1.006 | 658 | 3225 | 2869 |
| CAS-S-254-2T-2 IE3 | B | Total | VSD not necessary | 1.04 | 58.5 | 67.0 | 1.568 | 733 | 4507 | 2889 |
| CAS-S-254-2T-3 IE3 | B | Total | VSD not necessary | 1.04 | 58.5 | 66.6 | 1.699 | 790 | 4532 | 2940 |
| CAS-S-260-2T-3 IE3 | B | Total | VSD not necessary | 1.05 | 59.2 | 66.1 | 2.182 | 876 | 5306 | 2922 |
| CAS-S-463-2T-5.5 IE3 | B | Total | VSD not necessary | 1.07 | 61.4 | 65.9 | 3.714 | 1150 | 7131 | 2916 |
| CAS-S-463-2T-7.5 IE3 | B | Total | VSD not necessary | 1.07 | 64.5 | 68.3 | 4.305 | 1511 | 6610 | 2951 |
| CAS-S-467-2T-7.5 IE3 | B | Total | VSD not necessary | 1.08 | 62.5 | 65.2 | 5.553 | 1550 | 8065 | 2936 |
| CAS-S-467-2T-10 IE3 | B | Total | VSD not necessary | 1.08 | 66.7 | 69.1 | 5.894 | 1752 | 8075 | 2950 |
| CAS-S-571-2T-10 IE3 | B | Total | VSD not necessary | 1.09 | 66.8 | 69.1 | 5.970 | 1527 | 9396 | 2950 |
| CAS-S-571-2T-15 IE3 | B | Total | VSD not necessary | 1.09 | 68.1 | 69.2 | 7.804 | 2168 | 8819 | 2964 |
| CAS-S-640-2T-2 IE3 | B | Total | VSD not necessary | 1.02 | 71.5 | 79.9 | 1.610 | 2600 | 1595 | 2886 |
| CAS-S-645-2T-3 IE3 | B | Total | VSD not necessary | 1.03 | 64.2 | 70.6 | 2.469 | 2000 | 2853 | 2912 |
| CAS-S-645-2T-4 IE3 | B | Total | VSD not necessary | 1.03 | 64.0 | 69.8 | 2.836 | 2312 | 2827 | 2926 |
| CAS-S-650-2T-5.5 IE3 | B | Total | VSD not necessary | 1.04 | 73.4 | 77.3 | 4.264 | 3108 | 3627 | 2904 |
| CAS-S-650-2T-7.5 IE3 | B | Total | VSD not necessary | 1.04 | 67.7 | 70.8 | 5.046 | 3128 | 3929 | 2942 |
| CAS-S-852-2T-7.5 IE3 | B | Total | VSD not necessary | 1.05 | 75.6 | 77.9 | 6.099 | 3500 | 4741 | 2930 |
| CAS-S-852-2T-10 IE3 | B | Total | VSD not necessary | 1.05 | 74.9 | 76.6 | 6.922 | 3786 | 4931 | 2942 |
| CAS-S-856-2T-15 IE3 | B | Total | VSD not necessary | 1.05 | 69.3 | 70.0 | 8.577 | 4320 | 4948 | 2961 |
| CAS-S-863-2T-15 IE3 | B | Total | VSD not necessary | 1.06 | 67.7 | 67.7 | 10.755 | 4000 | 6556 | 2951 |
| CAS-S-863-2T-20 IE3 | B | Total | VSD not necessary | 1.06 | 68.6 | 68.3 | 13.417 | 5114 | 6474 | 2955 |
| CAS-S-971-2T-30 IE3 | B | Total | VSD not necessary | 1.08 | 71.5 | 70.7 | 23.109 | 7724 | 7699 | 2951 |
| CAS-S-971-2T-40 IE3 | B | Total | VSD not necessary | 1.08 | 69.3 | 68.3 | 27.984 | 9166 | 7619 | 2965 |
| CAS-S-790-2T-20 IE3 | | | | Exclude. Specific ratio > 1.11 | | | | | | |
| CAS-S-980-2T-30 IE3 | B | Total | VSD not necessary | 1.10 | 65.7 | 65.0 | 20.621 | 4646 | 10497 | 2956 |
| CAS-S-990-2T-50 IE3 | | | | Exclude. Specific ratio > 1.11 | | | | | | |
| CAS-S-1080-2T-40 IE3 | | | | Exclude. Specific ratio > 1.11 | | | | | | |
| CAS-S-1090-2T-60 IE3 | | | | Exclude. Specific ratio > 1.11 | | | | | | |