

## 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 / 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] |
|----------------------|----|-------|-------------------|--------------------------------|-------|------|--------|---------------------|-------|-------|
| 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 |       |      |        |                     |       |       |