

## 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] |
|-------------------|----|--------|-------------------|------|-------|------|-------|---------------------|------|-------|
| CA-234-2T         | B  | Total  | VSD not necessary | 1.02 | 48.9  | 66.8 | 0.198 | 217                 | 1609 | 2935  |
| CA-142-2T-0.33    | A  | Static | VSD not necessary | 1.03 | 48.2  | 63.7 | 0.340 | 213                 | 2759 | 2745  |
| CA-142-2T-0.5     | A  | Static | VSD not necessary | 1.03 | 48.7  | 63.7 | 0.370 | 238                 | 2745 | 2815  |
| CA-148-2T-0.75    | A  | Static | VSD not necessary | 1.04 | 52.2  | 63.9 | 0.760 | 385                 | 3724 | 2780  |
| CA-148-2T-1 IE3   | A  | Static | VSD not necessary | 1.04 | 55.1  | 66.8 | 0.769 | 391                 | 3896 | 2853  |
| CA-148-2T-1.5 IE3 | A  | Static | VSD not necessary | 1.04 | 55.3  | 66.8 | 0.803 | 407                 | 3922 | 2896  |
| CA-154-2T-2 IE3   | A  | Static | VSD not necessary | 1.05 | 57.7  | 67.0 | 1.308 | 556                 | 4882 | 2907  |
| CA-154-2T-3 IE3   | A  | Static | VSD not necessary | 1.06 | 57.5  | 66.2 | 1.468 | 613                 | 4956 | 2948  |
| CA-160-2T-3 IE3   | A  | Static | VSD not necessary | 1.07 | 58.9  | 66.3 | 1.957 | 696                 | 5961 | 2930  |
| CA-166-2T-4 IE3   | A  | Static | VSD not necessary | 1.08 | 60.0  | 65.7 | 2.862 | 851                 | 7259 | 2925  |
| CA-166-2T-5.5 IE3 | A  | Static | VSD not necessary | 1.09 | 61.3  | 67.1 | 2.762 | 764                 | 7975 | 2938  |
| CA-172-2T-7.5 IE3 | A  | Static | VSD not necessary | 1.10 | 60.3  | 63.6 | 4.824 | 1194                | 8761 | 2945  |
| CA-172-2T-10 IE3  | A  | Static | VSD not necessary | 1.11 | 59.7  | 62.8 | 5.054 | 1171                | 9268 | 2958  |