

## 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] |
|-------------------------|----|--------|-------------------|------|-------|------|-------|---------------------|------|-------|
| HC-25-4T/H              |    |        |                   |      |       |      |       |                     |      |       |
| ErP Exclude. Pe < 125 W |    |        |                   |      |       |      |       |                     |      |       |
| HC-25-4M/H              |    |        |                   |      |       |      |       |                     |      |       |
| ErP Exclude. Pe < 125 W |    |        |                   |      |       |      |       |                     |      |       |
| HC-31-2T/H              | A  | Static | VSD not necessary | 1.00 | 31.6  | 41.6 | 0.259 | 1781                | 165  | 2766  |
| HC-31-2M/H              | A  | Static | VSD not necessary | 1.00 | 31.6  | 41.6 | 0.259 | 1781                | 165  | 2720  |
| HC-31-4T/H              |    |        |                   |      |       |      |       |                     |      |       |
| ErP Exclude. Pe < 125 W |    |        |                   |      |       |      |       |                     |      |       |
| HC-31-4M/H              |    |        |                   |      |       |      |       |                     |      |       |
| ErP Exclude. Pe < 125 W |    |        |                   |      |       |      |       |                     |      |       |
| HC-35-2T/H              | A  | Static | VSD not necessary | 1.00 | 35.6  | 43.4 | 0.580 | 3352                | 223  | 2703  |
| HC-35-4T/H              | A  | Static | VSD not necessary | 1.00 | 31.5  | 43.1 | 0.140 | 2044                | 80   | 1371  |
| HC-35-4M/H              | A  | Static | VSD not necessary | 1.00 | 30.3  | 41.9 | 0.148 | 1923                | 84   | 1419  |
| HC-40-4T/H              | A  | Static | VSD not necessary | 1.00 | 30.9  | 40.7 | 0.279 | 3552                | 87   | 1400  |
| HC-40-4M/H              | A  | Static | VSD not necessary | 1.00 | 30.4  | 40.2 | 0.283 | 3552                | 87   | 1415  |
| HC-45-4T/H              | A  | Static | VSD not necessary | 1.00 | 36.3  | 45.0 | 0.420 | 4282                | 129  | 1403  |
| HC-45-4M/H              | A  | Static | VSD not necessary | 1.00 | 34.9  | 43.5 | 0.440 | 4282                | 129  | 1426  |
| HC-45-6T/H              | A  | Static | VSD not necessary | 1.00 | 29.8  | 40.7 | 0.184 | 2675                | 74   | 956   |
| HC-45-6M/H              | A  | Static | VSD not necessary | 1.00 | 29.3  | 40.2 | 0.187 | 2675                | 74   | 978   |
| HC-50-4T/H              | A  | Static | VSD not necessary | 1.00 | 34.2  | 41.8 | 0.610 | 5349                | 141  | 1412  |
| HC-50-4M/H              | A  | Static | VSD not necessary | 1.00 | 34.2  | 41.9 | 0.611 | 5349                | 141  | 1390  |
| HC-56-4T/H IE3          | A  | Static | VSD not necessary | 1.00 | 36.9  | 43.2 | 1.034 | 8350                | 165  | 1464  |
| HC-56-6T/H              | A  | Static | VSD not necessary | 1.00 | 32.6  | 41.8 | 0.350 | 5086                | 81   | 941   |
| HC-56-6M/H              | A  | Static | VSD not necessary | 1.00 | 34.4  | 43.8 | 0.334 | 5086                | 81   | 941   |
| HC-63-4T/H IE3          | C  | Static | VSD not necessary | 1.00 | 41.8  | 47.8 | 1.119 | 9340                | 180  | 1461  |
| HC-63-6T/H              | C  | Static | VSD not necessary | 1.00 | 33.4  | 41.5 | 0.520 | 7201                | 87   | 913   |
| HC-63-6M/H              | C  | Static | VSD not necessary | 1.00 | 33.1  | 41.2 | 0.516 | 6467                | 95   | 905   |
| HC-71-4T/H IE3          | C  | Static | VSD not necessary | 1.00 | 44.8  | 49.7 | 1.682 | 13627               | 199  | 1441  |
| HC-71-6T/H IE3          | C  | Static | VSD not necessary | 1.00 | 35.7  | 43.2 | 0.647 | 9630                | 86   | 959   |
| HC-71-6M/H              | B  | Total  | VSD not necessary | 1.00 | 54.8  | 61.8 | 0.805 | 15790               | 101  | 926   |
| HC-80-4T/H IE3          | C  | Static | VSD not necessary | 1.00 | 49.8  | 53.0 | 3.161 | 19996               | 283  | 1444  |
| HC-80-6T/H IE3          | C  | Static | VSD not necessary | 1.00 | 46.2  | 52.8 | 0.898 | 12583               | 119  | 943   |
| HC-90-4T/H IE3          | C  | Static | VSD not necessary | 1.00 | 50.4  | 53.3 | 3.562 | 24382               | 265  | 1460  |
| HC-90-6T/H IE3          | C  | Static | VSD not necessary | 1.00 | 41.8  | 46.9 | 1.577 | 15731               | 151  | 956   |
| HC-100-4T/H IE3         | C  | Static | VSD not necessary | 1.00 | 48.9  | 50.4 | 5.788 | 28190               | 361  | 1466  |
| HC-100-6T/H IE3         | C  | Static | VSD not necessary | 1.00 | 54.8  | 59.6 | 1.759 | 20265               | 171  | 951   |