

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 |

| | |
|---------------------|----------------------------------|
| [m ³ /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] |
|-----------------|----|--------|-------------------|-------------------------|-------|------|-------|---------------------|------|-------|
| 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 |