

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)

| | |
|------------|----------------------|
| 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] |
|----------------------|----|--------|-------------------------|------|-------|------|-------|---------------------|------|-------|
| HC/EC-45-4M-0.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 70.1 | 77.0 | 0.255 | 4277 | 129 | 1400 |
| HC/EC-45-4T-0.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 66.1 | 73.0 | 0.269 | 4282 | 129 | 1370 |
| HC/EC-50-4M-0.75 IE5 | A | Static | VSD built-in to the fan | 1.00 | 51.2 | 55.0 | 0.457 | 5349 | 141 | 1350 |
| HC/EC-50-4T-0.75 IE5 | A | Static | VSD built-in to the fan | 1.00 | 48.9 | 53.0 | 0.477 | 5349 | 141 | 1380 |
| HC/EC-56-4M-1.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 44.6 | 45.0 | 0.996 | 8841 | 167 | 1455 |
| HC/EC-56-4T-1.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 43.1 | 44.0 | 1.029 | 8841 | 167 | 1455 |
| HC/EC-63-4M-1.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 47.0 | 47.0 | 1.071 | 9340 | 180 | 1455 |
| HC/EC-63-4T-1.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 45.5 | 46.0 | 1.106 | 9340 | 180 | 1455 |
| HC/EC-71-4T-2 IE5 | A | Static | VSD built-in to the fan | 1.00 | 48.3 | 46.0 | 1.661 | 13627 | 199 | 1440 |
| HC/EC-71-6M-1.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 44.4 | 47.0 | 0.576 | 9630 | 86 | 900 |
| HC/EC-71-6T-1.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 42.9 | 46.0 | 0.594 | 9630 | 86 | 900 |
| HC/EC-80-4T-3 IE5 | A | Static | VSD built-in to the fan | 1.00 | 54.7 | 51.0 | 2.527 | 16657 | 284 | 1435 |
| HC/EC-80-4T-4 IE5 | A | Static | VSD built-in to the fan | 1.00 | 52.8 | 48.0 | 3.119 | 19996 | 283 | 1440 |
| HC/EC-90-4T-5.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 53.8 | 49.0 | 3.484 | 24382 | 265 | 1450 |
| HC/EC-90-6T-3 IE5 | A | Static | VSD built-in to the fan | 1.00 | 48.3 | 47.0 | 1.457 | 15731 | 151 | 950 |
| HC/EC-100-4T-7.5 IE5 | A | Static | VSD built-in to the fan | 1.00 | 50.3 | 43.0 | 5.853 | 28190 | 361 | 1465 |
| HC/EC-100-6T-3 IE5 | A | Static | VSD built-in to the fan | 1.00 | 63.0 | 61.0 | 1.625 | 20265 | 171 | 950 |