

## ECODESIGN INFORMATION

According to Regulation EU No 327/2011 of the European Commission, implementing Directive 2009/125/CE of European Parliament  
Apply to fans

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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/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 | 58.3  | 55.1 | 2.256 | 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   |