

## 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       |

|                     |                                  |
|---------------------|----------------------------------|
| [m <sup>3</sup> /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 <sup>3</sup> /h] | [Pa] | [RPM] |
|-----------------------|----|--------|-------------------|------|-------|------|--------|---------------------|------|-------|
| HTMH-56-4T-1 IE3      | C  | Static | VSD not necessary | 1.00 | 36.7  | 43.6 | 0.819  | 7901                | 138  | 1443  |
| HTMH-63-4T-1.5 IE3    | C  | Static | VSD not necessary | 1.00 | 50.0  | 56.1 | 1.071  | 10387               | 185  | 1440  |
| HTMH-63-4/8T-1.5      | C  | Static | VSD not necessary | 1.00 | 41.3  | 46.7 | 1.380  | 10605               | 193  | 1447  |
| HTMH-63-4T-2 IE3      | C  | Static | VSD not necessary | 1.00 | 44.4  | 49.7 | 1.469  | 12016               | 196  | 1444  |
| HTMH-63-4/8T-2        | C  | Static | VSD not necessary | 1.00 | 37.2  | 42.1 | 1.700  | 11892               | 192  | 1430  |
| HTMH-63-4T-3 IE3      | B  | Total  | VSD not necessary | 1.00 | 64.6  | 68.9 | 2.114  | 19423               | 254  | 1450  |
| HTMH-63-4/8T-3        | B  | Total  | VSD not necessary | 1.00 | 56.0  | 59.9 | 2.420  | 19373               | 252  | 1432  |
| HTMH-63-6T-0.75       | B  | Total  | VSD not necessary | 1.00 | 56.1  | 64.1 | 0.550  | 11393               | 97   | 956   |
| HTMH-63-6T-1 IE3      | B  | Total  | VSD not necessary | 1.00 | 57.1  | 64.1 | 0.770  | 13916               | 113  | 957   |
| HTMH-71-4T-2 IE3      | C  | Static | VSD not necessary | 1.00 | 50.8  | 56.2 | 1.421  | 13409               | 195  | 1446  |
| HTMH-71-4/8T-2        | C  | Static | VSD not necessary | 1.00 | 42.6  | 47.6 | 1.650  | 13275               | 191  | 1433  |
| HTMH-71-4T-3 IE3      | C  | Static | VSD not necessary | 1.00 | 46.3  | 50.6 | 2.086  | 16356               | 213  | 1450  |
| HTMH-71-4/8T-3        | C  | Static | VSD not necessary | 1.00 | 40.1  | 44.0 | 2.390  | 16314               | 211  | 1433  |
| HTMH-71-4T-4 IE3      | B  | Total  | VSD not necessary | 1.00 | 70.0  | 73.5 | 2.805  | 23676               | 299  | 1447  |
| HTMH-71-4/8T-4        | B  | Total  | VSD not necessary | 1.00 | 61.6  | 64.7 | 3.240  | 23797               | 302  | 1433  |
| HTMH-71-6T-1 IE3      | B  | Total  | VSD not necessary | 1.00 | 64.9  | 71.9 | 0.789  | 14945               | 124  | 957   |
| HTMH-71-6T-1.5 IE3    | B  | Total  | VSD not necessary | 1.00 | 61.5  | 67.6 | 1.107  | 18001               | 136  | 960   |
| HTMH-80-4T-4 IE3      | C  | Static | VSD not necessary | 1.00 | 48.0  | 51.2 | 3.147  | 20108               | 271  | 1441  |
| HTMH-80-4/8T-4        | C  | Static | VSD not necessary | 1.00 | 42.3  | 45.1 | 3.640  | 20222               | 274  | 1424  |
| HTMH-80-4T-5.5 IE3    | C  | Static | VSD not necessary | 1.00 | 46.5  | 48.7 | 4.448  | 23694               | 315  | 1444  |
| HTMH-80-6T-1.5 IE3    | C  | Static | VSD not necessary | 1.00 | 40.4  | 46.0 | 1.310  | 15261               | 124  | 953   |
| HTMH-80-6T-2 IE3      | B  | Total  | VSD not necessary | 1.00 | 63.6  | 68.3 | 1.783  | 24165               | 169  | 950   |
| HTMH-80-6T-3 IE3      | B  | Total  | VSD not necessary | 1.00 | 67.3  | 71.5 | 2.209  | 26615               | 201  | 960   |
| HTMH-90-4T-5.5 IE3    | C  | Static | VSD not necessary | 1.00 | 52.2  | 54.5 | 4.399  | 27512               | 301  | 1445  |
| HTMH-90-4T-7.5 IE3    | C  | Static | VSD not necessary | 1.00 | 49.4  | 50.8 | 6.141  | 31725               | 345  | 1435  |
| HTMH-90-4/8T-7.5      | C  | Static | VSD not necessary | 1.00 | 43.0  | 44.0 | 6.930  | 31525               | 341  | 1459  |
| HTMH-90-4T-10 IE3     | C  | Static | VSD not necessary | 1.01 | 46.9  | 47.6 | 7.710  | 35188               | 370  | 1469  |
| HTMH-90-4/8T-9        | C  | Static | VSD not necessary | 1.00 | 43.0  | 43.7 | 7.860  | 33548               | 363  | 1461  |
| HTMH-90-6T-3 IE3      | C  | Static | VSD not necessary | 1.00 | 44.4  | 48.4 | 2.315  | 23147               | 160  | 958   |
| HTMH-90-6/12T-3       | C  | Static | VSD not necessary | 1.00 | 37.5  | 41.2 | 2.640  | 22863               | 156  | 947   |
| HTMH-90-6T-4 IE3      | B  | Total  | VSD not necessary | 1.00 | 65.2  | 68.4 | 3.135  | 32972               | 223  | 957   |
| HTMH-90-8T-1          | C  | Static | VSD not necessary | 1.00 | 36.4  | 42.6 | 1.040  | 15838               | 86   | 713   |
| HTMH-90-8T-2          | B  | Total  | VSD not necessary | 1.00 | 58.5  | 63.9 | 1.400  | 24325               | 121  | 720   |
| HTMH-100-4T-7.5 IE3   | C  | Static | VSD not necessary | 1.00 | 52.2  | 53.6 | 6.102  | 33024               | 347  | 1435  |
| HTMH-100-4/8T-7.5     | C  | Static | VSD not necessary | 1.00 | 45.4  | 46.4 | 6.890  | 32817               | 343  | 1459  |
| HTMH-100-4T-10 IE3    | C  | Static | VSD not necessary | 1.00 | 49.7  | 50.3 | 8.058  | 37734               | 383  | 1468  |
| HTMH-100-4/8T-9       | C  | Static | VSD not necessary | 1.00 | 45.8  | 46.5 | 7.930  | 35548               | 368  | 1461  |
| HTMH-100-4T-15 IE3    | C  | Static | VSD not necessary | 1.01 | 45.1  | 45.0 | 11.886 | 44732               | 431  | 1459  |
| HTMH-100-6T-3 IE3     | C  | Static | VSD not necessary | 1.00 | 47.1  | 51.0 | 2.421  | 24808               | 165  | 956   |
| HTMH-100-6/12T-3      | C  | Static | VSD not necessary | 1.00 | 39.8  | 43.4 | 2.750  | 24492               | 161  | 944   |
| HTMH-100-6T-4 IE3     | C  | Static | VSD not necessary | 1.00 | 42.1  | 44.9 | 3.633  | 29458               | 187  | 950   |
| HTMH-100-6T-5.5 IE3   | B  | Total  | VSD not necessary | 1.00 | 62.7  | 64.8 | 4.748  | 44005               | 244  | 972   |
| HTMH-100-6/12T-5.5    | B  | Total  | VSD not necessary | 1.00 | 56.5  | 58.2 | 5.440  | 44437               | 249  | 970   |
| HTMH-125-4T/6-15 IE3  | C  | Static | VSD not necessary | 1.01 | 58.4  | 58.4 | 11.687 | 48508               | 507  | 1471  |
| HTMH-125-4T/6-20 IE3  | C  | Static | VSD not necessary | 1.01 | 58.8  | 58.6 | 13.734 | 52757               | 552  | 1474  |
| HTMH-125-4T/9-20 IE3  | C  | Static | VSD not necessary | 1.01 | 72.8  | 72.5 | 16.870 | 37304               | 1186 | 1474  |
| HTMH-125-6T/6-5.5 IE3 | C  | Static | VSD not necessary | 1.00 | 54.3  | 56.7 | 4.178  | 34565               | 237  | 972   |
| HTMH-125-6T/6-7.5 IE3 | C  | Static | VSD not necessary | 1.00 | 56.6  | 58.3 | 5.344  | 41832               | 260  | 974   |
| HTMH-125-6T/6-10 IE3  | C  | Static | VSD not necessary | 1.00 | 55.8  | 56.5 | 7.750  | 53067               | 294  | 972   |
| HTMH-125-6T/6-15 IE3  | C  | Static | VSD not necessary | 1.00 | 52.4  | 52.4 | 10.850 | 61349               | 334  | 972   |
| HTMH-125-6T/9-7.5 IE3 | C  | Static | VSD not necessary | 1.00 | 59.2  | 60.9 | 5.481  | 36967               | 316  | 973   |
| HTMH-125-6T/9-10 IE3  | C  | Static | VSD not necessary | 1.00 | 55.7  | 56.8 | 6.664  | 48390               | 276  | 976   |
| HTMH-125-6T/9-15 IE3  | C  | Static | VSD not necessary | 1.00 | 52.0  | 52.0 | 10.763 | 61885               | 326  | 973   |
| HTMH-125-6T/9-20 IE3  | C  | Static | VSD not necessary | 1.01 | 52.6  | 52.4 | 14.178 | 69606               | 386  | 968   |
| HTMH-125-8T/6-4       | C  | Static | VSD not necessary | 1.00 | 47.4  | 50.3 | 3.531  | 38680               | 156  | 709   |
| HTMH-125-8T/6-5.5     | C  | Static | VSD not necessary | 1.00 | 46.8  | 49.1 | 4.416  | 42659               | 175  | 715   |
| HTMH-125-8T/6-7.5     | C  | Static | VSD not necessary | 1.00 | 45.5  | 47.0 | 5.868  | 50667               | 190  | 727   |
| HTMH-125-8T/6-10      | B  | Total  | VSD not necessary | 1.00 | 65.4  | 66.1 | 7.792  | 65294               | 281  | 727   |
| HTMH-125-8T/9-5.5     | C  | Static | VSD not necessary | 1.00 | 44.6  | 46.6 | 4.788  | 43462               | 177  | 712   |

| Model             | MC | EC     | VSD               | SR   | $\eta_e$ [%] | N    | [kW]   | [m <sup>3</sup> /h] | [Pa] | [RPM] |
|-------------------|----|--------|-------------------|------|--------------|------|--------|---------------------|------|-------|
| HTMH-125-8T/9-7.5 | C  | Static | VSD not necessary | 1.00 | 46.5         | 48.0 | 5.753  | 48507               | 199  | 728   |
| HTMH-125-8T/9-10  | C  | Static | VSD not necessary | 1.00 | 45.9         | 46.7 | 7.651  | 55731               | 227  | 728   |
| HTMH-125-8T/9-15  | B  | Total  | VSD not necessary | 1.00 | 67.6         | 67.6 | 10.896 | 72088               | 368  | 728   |