

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 or total (depending on EC) |
| [RPM] | Rotation per minute |

| | |
|---------------|------------------|
| ηe [%] | Efficiency |
| N | Efficiency grade |
| [kw] | Input power |

| Model | MC | EC | VSD | SR | ηe[%] | N | [kw] | [m ³ /h] | [Pa] | [RPM] |
|----------------------|----|--------|-------------------|------|-------|------|--------|---------------------|------|-------|
| HTMH56-4T-1 IE3 | C | Static | VSD not necessary | 1.00 | 36.7 | 43.6 | 0.819 | 7901 | 138 | 1443 |
| HTMH63-4T-1.5 IE3 | C | Static | VSD not necessary | 1.00 | 50.0 | 56.1 | 1.071 | 10387 | 185 | 1440 |
| HTMH63-4/8T-1.5 | C | Static | VSD not necessary | 1.00 | 41.3 | 46.7 | 1.380 | 10605 | 193 | 1447 |
| HTMH63-4T-2 IE3 | C | Static | VSD not necessary | 1.00 | 44.4 | 49.7 | 1.469 | 12016 | 196 | 1444 |
| HTMH63-4/8T-2 | C | Static | VSD not necessary | 1.00 | 37.2 | 42.1 | 1.700 | 11892 | 192 | 1430 |
| HTMH63-4T-3 IE3 | B | Total | VSD not necessary | 1.00 | 64.6 | 68.9 | 2.114 | 19423 | 254 | 1450 |
| HTMH63-4/8T-3 | B | Total | VSD not necessary | 1.00 | 56.0 | 59.9 | 2.420 | 19373 | 252 | 1432 |
| HTMH63-6T-0.75 | B | Total | VSD not necessary | 1.00 | 56.1 | 64.1 | 0.550 | 11393 | 97 | 956 |
| HTMH63-6T-1 IE3 | B | Total | VSD not necessary | 1.00 | 57.1 | 64.1 | 0.770 | 13916 | 113 | 957 |
| HTMH71-4T-2 IE3 | C | Static | VSD not necessary | 1.00 | 50.8 | 56.2 | 1.421 | 13409 | 195 | 1446 |
| HTMH71-4/8T-2 | C | Static | VSD not necessary | 1.00 | 42.6 | 47.6 | 1.650 | 13275 | 191 | 1433 |
| HTMH71-4T-3 IE3 | C | Static | VSD not necessary | 1.00 | 46.3 | 50.6 | 2.086 | 16356 | 213 | 1450 |
| HTMH71-4/8T-3 | C | Static | VSD not necessary | 1.00 | 40.1 | 44.0 | 2.390 | 16314 | 211 | 1433 |
| HTMH71-4T-4 IE3 | B | Total | VSD not necessary | 1.00 | 70.0 | 73.5 | 2.805 | 23676 | 299 | 1447 |
| HTMH71-4/8T-4 | B | Total | VSD not necessary | 1.00 | 61.6 | 64.7 | 3.240 | 23797 | 302 | 1433 |
| HTMH71-6T-1 IE3 | B | Total | VSD not necessary | 1.00 | 64.9 | 71.9 | 0.789 | 14945 | 124 | 957 |
| HTMH71-6T-1.5 IE3 | B | Total | VSD not necessary | 1.00 | 61.5 | 67.6 | 1.107 | 18001 | 136 | 960 |
| HTMH80-4T-4 IE3 | C | Static | VSD not necessary | 1.00 | 48.0 | 51.2 | 3.147 | 20108 | 271 | 1441 |
| HTMH80-4/8T-4 | C | Static | VSD not necessary | 1.00 | 42.3 | 45.1 | 3.640 | 20222 | 274 | 1424 |
| HTMH80-4T-5.5 IE3 | C | Static | VSD not necessary | 1.00 | 46.5 | 48.7 | 4.448 | 23694 | 315 | 1444 |
| HTMH80-6T-1.5 IE3 | C | Static | VSD not necessary | 1.00 | 40.4 | 46.0 | 1.310 | 15261 | 124 | 953 |
| HTMH80-6T-2 IE3 | B | Total | VSD not necessary | 1.00 | 63.6 | 68.3 | 1.783 | 24165 | 169 | 950 |
| HTMH80-6T-3 IE3 | B | Total | VSD not necessary | 1.00 | 67.3 | 71.5 | 2.209 | 26615 | 201 | 960 |
| HTMH90-4T-5.5 IE3 | C | Static | VSD not necessary | 1.00 | 52.2 | 54.5 | 4.399 | 27512 | 301 | 1445 |
| HTMH90-4T-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 49.4 | 50.8 | 6.141 | 31725 | 345 | 1435 |
| HTMH90-4/8T-7.5 | C | Static | VSD not necessary | 1.00 | 43.0 | 44.0 | 6.930 | 31525 | 341 | 1459 |
| HTMH90-4T-10 IE3 | C | Static | VSD not necessary | 1.01 | 46.9 | 47.6 | 7.710 | 35188 | 370 | 1469 |
| HTMH90-4/8T-9 | C | Static | VSD not necessary | 1.00 | 43.0 | 43.7 | 7.860 | 33548 | 363 | 1461 |
| HTMH90-6T-3 IE3 | C | Static | VSD not necessary | 1.00 | 44.4 | 48.4 | 2.315 | 23147 | 160 | 958 |
| HTMH90-6/12T-3 | C | Static | VSD not necessary | 1.00 | 37.5 | 41.2 | 2.640 | 22863 | 156 | 947 |
| HTMH90-6T-4 IE3 | B | Total | VSD not necessary | 1.00 | 65.2 | 68.4 | 3.135 | 32972 | 223 | 957 |
| HTMH90-8T-1 | C | Static | VSD not necessary | 1.00 | 36.4 | 42.6 | 1.040 | 15838 | 86 | 713 |
| HTMH90-8T-2 | B | Total | VSD not necessary | 1.00 | 58.5 | 63.9 | 1.400 | 24325 | 121 | 720 |
| HTMH100-4T-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 52.2 | 53.6 | 6.102 | 33024 | 347 | 1435 |
| HTMH100-4/8T-7.5 | C | Static | VSD not necessary | 1.00 | 45.4 | 46.4 | 6.890 | 32817 | 343 | 1459 |
| HTMH100-4T-10 IE3 | C | Static | VSD not necessary | 1.00 | 49.7 | 50.3 | 8.058 | 37734 | 383 | 1468 |
| HTMH100-4/8T-9 | C | Static | VSD not necessary | 1.00 | 45.8 | 46.5 | 7.930 | 35548 | 368 | 1461 |
| HTMH100-4T-15 IE3 | C | Static | VSD not necessary | 1.01 | 45.1 | 45.0 | 11.886 | 44732 | 431 | 1459 |
| HTMH100-6T-3 IE3 | C | Static | VSD not necessary | 1.00 | 47.1 | 51.0 | 2.421 | 24808 | 165 | 956 |
| HTMH100-6/12T-3 | C | Static | VSD not necessary | 1.00 | 39.8 | 43.4 | 2.750 | 24492 | 161 | 944 |
| HTMH100-6T-4 IE3 | C | Static | VSD not necessary | 1.00 | 42.1 | 44.9 | 3.633 | 29458 | 187 | 950 |
| HTMH100-6T-5.5 IE3 | B | Total | VSD not necessary | 1.00 | 62.7 | 64.8 | 4.748 | 44005 | 244 | 972 |
| HTMH100-6/12T-5.5 | B | Total | VSD not necessary | 1.00 | 56.5 | 58.2 | 5.440 | 44437 | 249 | 970 |
| HTMH125-4T/6-15 IE3 | C | Static | VSD not necessary | 1.01 | 58.4 | 58.4 | 11.687 | 48508 | 507 | 1471 |
| HTMH125-4T/6-20 IE3 | C | Static | VSD not necessary | 1.01 | 58.8 | 58.6 | 13.734 | 52757 | 552 | 1474 |
| HTMH125-4T/9-20 IE3 | C | Static | VSD not necessary | 1.01 | 72.8 | 72.5 | 16.870 | 37304 | 1186 | 1474 |
| HTMH125-6T/6-5.5 IE3 | C | Static | VSD not necessary | 1.00 | 54.3 | 56.7 | 4.178 | 34565 | 237 | 972 |
| HTMH125-6T/6-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 56.6 | 58.3 | 5.344 | 41832 | 260 | 974 |
| HTMH125-6T/6-10 IE3 | C | Static | VSD not necessary | 1.00 | 55.8 | 56.5 | 7.750 | 53067 | 294 | 972 |
| HTMH125-6T/6-15 IE3 | C | Static | VSD not necessary | 1.00 | 52.4 | 52.4 | 10.850 | 61349 | 334 | 972 |
| HTMH125-6T/9-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 59.2 | 60.9 | 5.481 | 36967 | 316 | 973 |
| HTMH125-6T/9-10 IE3 | C | Static | VSD not necessary | 1.00 | 55.7 | 56.8 | 6.664 | 48390 | 276 | 976 |
| HTMH125-6T/9-15 IE3 | C | Static | VSD not necessary | 1.00 | 52.0 | 52.0 | 10.763 | 61885 | 326 | 973 |
| HTMH125-6T/9-20 IE3 | C | Static | VSD not necessary | 1.01 | 52.6 | 52.4 | 14.178 | 69606 | 386 | 968 |
| HTMH125-8T/6-4 | C | Static | VSD not necessary | 1.00 | 47.4 | 50.3 | 3.531 | 38680 | 156 | 709 |
| HTMH125-8T/6-5.5 | C | Static | VSD not necessary | 1.00 | 46.8 | 49.1 | 4.416 | 42659 | 175 | 715 |
| HTMH125-8T/6-7.5 | C | Static | VSD not necessary | 1.00 | 45.5 | 47.0 | 5.868 | 50667 | 190 | 727 |
| HTMH125-8T/6-10 | B | Total | VSD not necessary | 1.00 | 65.4 | 66.1 | 7.792 | 65294 | 281 | 727 |
| HTMH125-8T/9-5.5 | C | Static | VSD not necessary | 1.00 | 44.6 | 46.6 | 4.788 | 43462 | 177 | 712 |
| HTMH125-8T/9-7.5 | C | Static | VSD not necessary | 1.00 | 46.5 | 48.0 | 5.753 | 48507 | 199 | 728 |

| Model | MC | EC | VSD | SR | η_e [%] | N | [kW] | [m ³ /h] | [Pa] | [RPM] |
|------------------|----|--------|-------------------|------|--------------|------|--------|---------------------|------|-------|
| 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 |