

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] |
|----------------------|----|--------|-------------------|------|-------|------|-------|---------------------|------|-------|
| HCH35-2T/PL | A | Static | VSD not necessary | 1.00 | 37.1 | 45.2 | 0.520 | 2998 | 229 | 2737 |
| HCH35-4T/PL | A | Static | VSD not necessary | 1.00 | 28.0 | 40.1 | 0.125 | 1857 | 68 | 1375 |
| HCH40-4T-0.33/PL | A | Static | VSD not necessary | 1.00 | 32.0 | 41.7 | 0.290 | 3401 | 98 | 1396 |
| HCH45-4T-0.5/PL | A | Static | VSD not necessary | 1.00 | 33.4 | 41.8 | 0.470 | 4228 | 135 | 1392 |
| HCH45-4M-0.5/PL | A | Static | VSD not necessary | 1.00 | 32.3 | 40.5 | 0.493 | 4228 | 135 | 1417 |
| HCH56-4T-0.75/PL | A | Static | VSD not necessary | 1.00 | 33.2 | 40.6 | 0.660 | 6808 | 116 | 1405 |
| HCH56-4T-1/PL IE3 | A | Static | VSD not necessary | 1.00 | 34.7 | 41.9 | 0.728 | 6599 | 138 | 1436 |
| HCH56-4T-1.5/PL IE3 | B | Total | VSD not necessary | 1.00 | 66.6 | 73.1 | 0.947 | 12945 | 175 | 1467 |
| HCH56-4T-2/PL IE3 | B | Total | VSD not necessary | 1.00 | 53.8 | 59.0 | 1.525 | 13761 | 215 | 1447 |
| HCH56-6T-0.33/PL | A | Static | VSD not necessary | 1.00 | 31.4 | 41.7 | 0.240 | 3564 | 75 | 943 |
| HCH63-4T-1/PL IE3 | C | Static | VSD not necessary | 1.00 | 47.3 | 54.3 | 0.757 | 8989 | 143 | 1433 |
| HCH63-4T-1.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 47.0 | 52.9 | 1.137 | 10593 | 181 | 1460 |
| HCH63-4T-2/PL IE3 | C | Static | VSD not necessary | 1.00 | 47.0 | 52.4 | 1.418 | 11688 | 205 | 1451 |
| HCH63-4T-3/PL IE3 | C | Static | VSD not necessary | 1.00 | 36.9 | 41.3 | 2.040 | 14963 | 181 | 1448 |
| HCH63-4T-4/PL IE3 | B | Total | VSD not necessary | 1.00 | 66.8 | 69.8 | 3.311 | 23293 | 342 | 1442 |
| HCH63-6T-0.5/PL | C | Static | VSD not necessary | 1.00 | 32.7 | 41.1 | 0.470 | 6417 | 87 | 921 |
| HCH63-6T-0.75/PL | C | Static | VSD not necessary | 1.00 | 32.6 | 40.6 | 0.550 | 6936 | 93 | 933 |
| HCH71-4T-1.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 55.3 | 61.2 | 1.177 | 11355 | 206 | 1459 |
| HCH71-4T-2/PL IE3 | C | Static | VSD not necessary | 1.00 | 52.4 | 57.7 | 1.445 | 13256 | 205 | 1450 |
| HCH71-4T-3/PL IE3 | C | Static | VSD not necessary | 1.00 | 47.0 | 51.3 | 2.152 | 14513 | 251 | 1445 |
| HCH71-4T-4/PL IE3 | C | Static | VSD not necessary | 1.00 | 39.5 | 42.6 | 3.313 | 18688 | 252 | 1442 |
| HCH71-6T-0.75/PL | C | Static | VSD not necessary | 1.00 | 35.7 | 43.0 | 0.710 | 8036 | 114 | 913 |
| HCH71-6T-1/PL IE3 | C | Static | VSD not necessary | 1.00 | 36.6 | 43.7 | 0.769 | 8550 | 118 | 951 |
| HCH71-6T-1.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 39.2 | 45.3 | 1.080 | 12806 | 119 | 956 |
| HCH80-4T-3/PL IE3 | C | Static | VSD not necessary | 1.00 | 58.6 | 62.7 | 2.237 | 16178 | 292 | 1442 |
| HCH80-4T-4/PL IE3 | C | Static | VSD not necessary | 1.00 | 55.6 | 58.8 | 3.156 | 19442 | 325 | 1444 |
| HCH80-4T-5.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 52.6 | 55.1 | 4.112 | 20980 | 371 | 1454 |
| HCH80-6T-1/PL IE3 | C | Static | VSD not necessary | 1.00 | 49.9 | 56.5 | 0.904 | 12168 | 134 | 943 |
| HCH80-6T-1.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 48.3 | 53.9 | 1.333 | 15312 | 152 | 946 |
| HCH80-6T-2/PL IE3 | C | Static | VSD not necessary | 1.00 | 43.8 | 48.6 | 1.773 | 16826 | 166 | 951 |
| HCH80-6T-3/PL IE3 | C | Static | VSD not necessary | 1.00 | 37.6 | 41.6 | 2.318 | 18762 | 167 | 955 |
| HCH90-4T-4/PL IE3 | C | Static | VSD not necessary | 1.00 | 59.9 | 63.0 | 3.266 | 20308 | 347 | 1443 |
| HCH90-4T-5.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 57.5 | 59.9 | 4.209 | 24635 | 354 | 1453 |
| HCH90-4T-7.5/PL IE3 | C | Static | VSD not necessary | 1.01 | 55.1 | 56.6 | 5.806 | 26945 | 427 | 1466 |
| HCH90-4T-10/PL IE3 | C | Static | VSD not necessary | 1.01 | 52.2 | 53.0 | 7.582 | 33102 | 430 | 1467 |
| HCH90-6T-3/PL IE3 | C | Static | VSD not necessary | 1.00 | 44.7 | 48.7 | 2.396 | 22079 | 175 | 954 |
| HCH90-6T-4/PL IE3 | C | Static | VSD not necessary | 1.00 | 39.7 | 43.0 | 3.019 | 22590 | 191 | 974 |
| HCH100-4T-7.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 52.8 | 54.3 | 5.768 | 27281 | 402 | 1467 |
| HCH100-4T-10/PL IE3 | C | Static | VSD not necessary | 1.00 | 49.3 | 50.1 | 7.688 | 36164 | 377 | 1467 |
| HCH100-6T-3/PL IE3 | C | Static | VSD not necessary | 1.00 | 49.2 | 53.1 | 2.368 | 23849 | 176 | 954 |
| HCH100-6T-4/PL IE3 | C | Static | VSD not necessary | 1.00 | 44.7 | 47.6 | 3.451 | 28766 | 193 | 970 |
| HCH100-6T-5.5/PL IE3 | C | Static | VSD not necessary | 1.00 | 42.7 | 44.9 | 4.530 | 32856 | 212 | 961 |
| HCH35-2T/AL | A | Static | VSD not necessary | 1.00 | 37.1 | 45.2 | 0.520 | 2998 | 229 | 2737 |
| HCH35-4T/AL | A | Static | VSD not necessary | 1.00 | 28.0 | 40.1 | 0.125 | 1857 | 68 | 1375 |
| HCH40-2T-1.5/AL IE3 | A | Static | VSD not necessary | 1.00 | 35.7 | 42.0 | 0.980 | 4355 | 289 | 2873 |
| HCH40-4T-0.33/AL | A | Static | VSD not necessary | 1.00 | 32.0 | 41.7 | 0.290 | 3401 | 98 | 1396 |
| HCH45-4T-0.5/AL | A | Static | VSD not necessary | 1.00 | 33.4 | 41.8 | 0.470 | 4228 | 135 | 1392 |
| HCH45-4M-0.5/AL | A | Static | VSD not necessary | 1.00 | 32.3 | 40.5 | 0.493 | 4228 | 135 | 1417 |
| HCH56-4T-0.75/AL | A | Static | VSD not necessary | 1.00 | 33.2 | 40.6 | 0.660 | 6808 | 116 | 1405 |
| HCH56-4T-1/AL IE3 | A | Static | VSD not necessary | 1.00 | 34.7 | 41.9 | 0.728 | 6599 | 138 | 1436 |
| HCH56-4T-1.5/AL IE3 | B | Total | VSD not necessary | 1.00 | 66.6 | 73.1 | 0.947 | 12945 | 175 | 1467 |
| HCH56-4T-2/AL IE3 | B | Total | VSD not necessary | 1.00 | 53.8 | 59.0 | 1.525 | 13761 | 215 | 1447 |
| HCH56-6T-0.33/AL | A | Static | VSD not necessary | 1.00 | 31.4 | 41.7 | 0.240 | 3564 | 75 | 943 |
| HCH63-4T-1/AL IE3 | C | Static | VSD not necessary | 1.00 | 47.3 | 54.3 | 0.757 | 8989 | 143 | 1433 |
| HCH63-4T-1.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 47.0 | 52.9 | 1.137 | 10593 | 181 | 1460 |
| HCH63-4T-2/AL IE3 | C | Static | VSD not necessary | 1.00 | 47.0 | 52.4 | 1.418 | 11688 | 205 | 1451 |
| HCH63-4T-3/AL IE3 | C | Static | VSD not necessary | 1.00 | 36.9 | 41.3 | 2.040 | 14963 | 181 | 1448 |
| HCH63-4T-4/AL IE3 | B | Total | VSD not necessary | 1.00 | 66.8 | 69.8 | 3.311 | 23293 | 342 | 1442 |
| HCH63-6T-0.5/AL | C | Static | VSD not necessary | 1.00 | 32.7 | 41.1 | 0.470 | 6417 | 87 | 921 |

| Model | MC | EC | VSD | SR | η_e [%] | N | [kW] | [m ³ /h] | [Pa] | [RPM] |
|-----------------------|----|--------|-------------------|------|--------------|------|--------|---------------------|------|-------|
| HCH-63-6T-0.75/AL | C | Static | VSD not necessary | 1.00 | 32.6 | 40.6 | 0.550 | 6936 | 93 | 933 |
| HCH-71-4T-1.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 55.3 | 61.2 | 1.177 | 11355 | 206 | 1459 |
| HCH-71-4T-2/AL IE3 | C | Static | VSD not necessary | 1.00 | 52.4 | 57.7 | 1.445 | 13256 | 205 | 1450 |
| HCH-71-4T-3/AL IE3 | C | Static | VSD not necessary | 1.00 | 47.0 | 51.3 | 2.152 | 14513 | 251 | 1445 |
| HCH-71-4T-4/AL IE3 | C | Static | VSD not necessary | 1.00 | 39.5 | 42.6 | 3.313 | 18688 | 252 | 1442 |
| HCH-71-6T-0.75/AL | C | Static | VSD not necessary | 1.00 | 35.7 | 43.0 | 0.710 | 8036 | 114 | 913 |
| HCH-71-6T-1/AL IE3 | C | Static | VSD not necessary | 1.00 | 36.6 | 43.7 | 0.769 | 8550 | 118 | 951 |
| HCH-71-6T-1.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 39.2 | 45.3 | 1.080 | 12806 | 119 | 956 |
| HCH-80-4T-3/AL IE3 | C | Static | VSD not necessary | 1.00 | 58.6 | 62.7 | 2.237 | 16178 | 292 | 1442 |
| HCH-80-4T-4/AL IE3 | C | Static | VSD not necessary | 1.00 | 55.6 | 58.8 | 3.156 | 19442 | 325 | 1444 |
| HCH-80-4T-5.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 52.6 | 55.1 | 4.112 | 20980 | 371 | 1454 |
| HCH-80-6T-1/AL IE3 | C | Static | VSD not necessary | 1.00 | 49.9 | 56.5 | 0.904 | 12168 | 134 | 943 |
| HCH-80-6T-1.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 48.3 | 53.9 | 1.333 | 15312 | 152 | 946 |
| HCH-80-6T-2/AL IE3 | C | Static | VSD not necessary | 1.00 | 43.8 | 48.6 | 1.773 | 16826 | 166 | 951 |
| HCH-80-6T-3/AL IE3 | C | Static | VSD not necessary | 1.00 | 37.6 | 41.6 | 2.318 | 18762 | 167 | 955 |
| HCH-90-4T-4/AL IE3 | C | Static | VSD not necessary | 1.00 | 59.9 | 63.0 | 3.266 | 20308 | 347 | 1443 |
| HCH-90-4T-5.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 57.5 | 59.9 | 4.209 | 24635 | 354 | 1453 |
| HCH-90-4T-7.5/AL IE3 | C | Static | VSD not necessary | 1.01 | 55.1 | 56.6 | 5.806 | 26945 | 427 | 1466 |
| HCH-90-4T-10/AL IE3 | C | Static | VSD not necessary | 1.01 | 52.2 | 53.0 | 7.582 | 33102 | 430 | 1467 |
| HCH-90-6T-3/AL IE3 | C | Static | VSD not necessary | 1.00 | 44.7 | 48.7 | 2.396 | 22079 | 175 | 954 |
| HCH-90-6T-4/AL IE3 | C | Static | VSD not necessary | 1.00 | 39.7 | 43.0 | 3.019 | 22590 | 191 | 974 |
| HCH-100-4T-7.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 52.8 | 54.3 | 5.768 | 27281 | 402 | 1467 |
| HCH-100-4T-10/AL IE3 | C | Static | VSD not necessary | 1.00 | 49.3 | 50.1 | 7.688 | 36164 | 377 | 1467 |
| HCH-100-4T-15/AL IE3 | C | Static | VSD not necessary | 1.01 | 48.9 | 48.9 | 11.265 | 44388 | 446 | 1472 |
| HCH-100-4T-20/AL IE3 | C | Static | VSD not necessary | 1.01 | 45.2 | 45.1 | 13.183 | 46050 | 466 | 1472 |
| HCH-100-6T-3/AL IE3 | C | Static | VSD not necessary | 1.00 | 49.2 | 53.1 | 2.368 | 23849 | 176 | 954 |
| HCH-100-6T-4/AL IE3 | C | Static | VSD not necessary | 1.00 | 44.7 | 47.6 | 3.451 | 28766 | 193 | 970 |
| HCH-100-6T-5.5/AL IE3 | C | Static | VSD not necessary | 1.00 | 42.7 | 44.9 | 4.530 | 32856 | 212 | 961 |