

## 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)

|            |                      |
|------------|----------------------|
| <b>MC</b>  | Measurement category |
| <b>EC</b>  | Efficiency category  |
| <b>VSD</b> | Variable Speed Drive |
| <b>SR</b>  | Specific ratio       |

|               |                                  |
|---------------|----------------------------------|
| <b>[m³/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]   | [m³/h] | [Pa] | [RPM] |
|-------------------|----|--------|-------------------|------|-------|------|--------|--------|------|-------|
| HFW56-4T-1 IE3    | A  | Static | VSD not necessary | 1.00 | 38.9  | 45.8 | 0.802  | 7959   | 141  | 1429  |
| HFW63-4T-1 IE3    | C  | Static | VSD not necessary | 1.00 | 52.0  | 58.8 | 0.832  | 9291   | 167  | 1426  |
| HFW63-4T-1.5 IE3  | C  | Static | VSD not necessary | 1.00 | 50.1  | 56.0 | 1.142  | 10625  | 194  | 1460  |
| HFW63-4T-2 IE3    | C  | Static | VSD not necessary | 1.00 | 44.5  | 49.8 | 1.475  | 12026  | 196  | 1449  |
| HFW63-4T-3 IE3    | B  | Total  | VSD not necessary | 1.00 | 63.7  | 67.7 | 2.373  | 20298  | 268  | 1439  |
| HFW63-4T-4 IE3    | B  | Total  | VSD not necessary | 1.00 | 64.2  | 67.6 | 2.935  | 24239  | 280  | 1448  |
| HFW63-6T-1 IE3    | B  | Total  | VSD not necessary | 1.00 | 57.6  | 64.2 | 0.920  | 15881  | 120  | 942   |
| HFW71-4T-1.5 IE3  | C  | Static | VSD not necessary | 1.00 | 50.0  | 55.7 | 1.289  | 12330  | 188  | 1455  |
| HFW71-4T-2 IE3    | C  | Static | VSD not necessary | 1.00 | 50.9  | 56.3 | 1.423  | 13405  | 194  | 1450  |
| HFW71-4T-3 IE3    | C  | Static | VSD not necessary | 1.00 | 44.2  | 48.2 | 2.297  | 17056  | 214  | 1441  |
| HFW71-4T-4 IE3    | C  | Static | VSD not necessary | 1.00 | 41.9  | 45.3 | 2.893  | 19369  | 225  | 1449  |
| HFW71-6T-1 IE3    | C  | Static | VSD not necessary | 1.00 | 38.9  | 45.7 | 0.833  | 12404  | 94   | 947   |
| HFW71-6T-1.5 IE3  | B  | Total  | VSD not necessary | 1.00 | 61.4  | 67.3 | 1.146  | 18199  | 139  | 954   |
| HFW80-4T-3 IE3    | C  | Static | VSD not necessary | 1.00 | 48.6  | 52.6 | 2.344  | 16923  | 242  | 1440  |
| HFW80-4T-4 IE3    | C  | Static | VSD not necessary | 1.00 | 45.8  | 48.8 | 3.309  | 20444  | 267  | 1442  |
| HFW80-4T-5.5 IE3  | C  | Static | VSD not necessary | 1.00 | 44.8  | 47.4 | 3.902  | 22304  | 282  | 1457  |
| HFW80-6T-1.5 IE3  | C  | Static | VSD not necessary | 1.00 | 40.8  | 46.6 | 1.206  | 14613  | 121  | 951   |
| HFW80-6T-2 IE3    | C  | Static | VSD not necessary | 1.00 | 39.8  | 44.7 | 1.738  | 17576  | 142  | 952   |
| HFW80-6T-3 IE3    | C  | Static | VSD not necessary | 1.00 | 37.9  | 42.0 | 2.271  | 20444  | 151  | 956   |
| HFW90-4T-4 IE3    | C  | Static | VSD not necessary | 1.00 | 53.4  | 56.8 | 2.944  | 19656  | 288  | 1448  |
| HFW90-4T-5.5 IE3  | C  | Static | VSD not necessary | 1.00 | 51.9  | 54.5 | 3.939  | 25081  | 294  | 1456  |
| HFW90-4T-7.5 IE3  | C  | Static | VSD not necessary | 1.00 | 49.5  | 50.9 | 6.022  | 31521  | 340  | 1465  |
| HFW90-4T-10 IE3   | C  | Static | VSD not necessary | 1.01 | 46.9  | 47.7 | 7.592  | 35009  | 366  | 1467  |
| HFW90-6T-2 IE3    | C  | Static | VSD not necessary | 1.00 | 46.5  | 51.5 | 1.602  | 19416  | 138  | 956   |
| HFW90-6T-3 IE3    | C  | Static | VSD not necessary | 1.00 | 42.0  | 45.8 | 2.562  | 23831  | 163  | 950   |
| HFW90-6T-4 IE3    | C  | Static | VSD not necessary | 1.00 | 38.4  | 41.3 | 3.459  | 27183  | 176  | 970   |
| HFW100-4T-7.5 IE3 | C  | Static | VSD not necessary | 1.00 | 54.2  | 56.1 | 5.048  | 30466  | 323  | 1471  |
| HFW100-4T-10 IE3  | C  | Static | VSD not necessary | 1.00 | 49.8  | 50.4 | 7.967  | 37591  | 380  | 1466  |
| HFW100-4T-15 IE3  | C  | Static | VSD not necessary | 1.01 | 45.1  | 45.0 | 11.762 | 44571  | 428  | 1470  |
| HFW100-4T-20 IE3  | C  | Static | VSD not necessary | 1.01 | 40.7  | 40.4 | 15.945 | 50259  | 465  | 1466  |
| HFW100-6T-3 IE3   | C  | Static | VSD not necessary | 1.00 | 46.0  | 49.9 | 2.425  | 24629  | 163  | 953   |
| HFW100-6T-4 IE3   | C  | Static | VSD not necessary | 1.00 | 44.7  | 47.9 | 3.080  | 27632  | 179  | 974   |
| HFW100-6T-5.5 IE3 | C  | Static | VSD not necessary | 1.00 | 39.4  | 41.7 | 4.375  | 32567  | 191  | 962   |