

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] |
|---------------------------------|----|--------|---------------------|------|-------|------|--------|---------------------|------|-------|
| THT/ROOF-40-6T-0.75-F-400 | A | Static | VSD nu este necesar | 1.00 | 25.4 | 38.3 | 0.090 | 2422 | 35 | 992 |
| THT/ROOF-56-4T-1-F-400 IE3 | A | Static | VSD nu este necesar | 1.00 | 38.9 | 45.8 | 0.802 | 7959 | 141 | 1433 |
| THT/ROOF-56-4T-1.5-F-400 IE3 | B | Total | VSD nu este necesar | 1.00 | 49.6 | 55.4 | 1.217 | 11615 | 187 | 1439 |
| THT/ROOF-63-4T-1.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 49.5 | 55.4 | 1.156 | 10625 | 194 | 1442 |
| THT/ROOF-63-4T-2-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 43.5 | 48.7 | 1.510 | 12026 | 196 | 1448 |
| THT/ROOF-63-4T-3-F-400 IE3 | B | Total | VSD nu este necesar | 1.00 | 63.7 | 67.7 | 2.373 | 20298 | 268 | 1467 |
| THT/ROOF-63-4T-4-F-400 IE3 | B | Total | VSD nu este necesar | 1.00 | 64.2 | 67.6 | 2.935 | 24239 | 280 | 1460 |
| THT/ROOF-63-6T-0.75-F-400 | B | Total | VSD nu este necesar | 1.00 | 48.6 | 55.8 | 0.724 | 12156 | 104 | 941 |
| THT/ROOF-63-6T-1-F-400 IE3 | B | Total | VSD nu este necesar | 1.00 | 57.6 | 64.2 | 0.920 | 15881 | 120 | 951 |
| THT/ROOF-71-4T-2-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 49.7 | 55.0 | 1.456 | 13405 | 194 | 1450 |
| THT/ROOF-71-4T-3-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 44.2 | 48.2 | 2.297 | 17056 | 214 | 1468 |
| THT/ROOF-71-4T-4-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 41.9 | 45.3 | 2.893 | 19369 | 225 | 1461 |
| THT/ROOF-71-6T-0.75-F-400 | C | Static | VSD nu este necesar | 1.00 | 34.1 | 41.0 | 0.804 | 10743 | 92 | 935 |
| THT/ROOF-71-6T-1-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 38.9 | 45.7 | 0.833 | 12404 | 94 | 955 |
| THT/ROOF-71-6T-1.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 33.9 | 40.0 | 1.107 | 14226 | 95 | 958 |
| THT/ROOF-80-4T-4-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 45.8 | 48.8 | 3.309 | 20444 | 267 | 1455 |
| THT/ROOF-80-4T-5.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 44.8 | 47.4 | 3.902 | 22304 | 282 | 1456 |
| THT/ROOF-80-6T-1.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 40.8 | 46.6 | 1.206 | 14613 | 121 | 955 |
| THT/ROOF-80-6T-2-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 39.8 | 44.7 | 1.738 | 17576 | 142 | 956 |
| THT/ROOF-80-6T-3-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 37.4 | 41.5 | 2.298 | 20444 | 151 | 965 |
| THT/ROOF-90-4T-5.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 51.9 | 54.5 | 3.939 | 25081 | 294 | 1455 |
| THT/ROOF-90-4T-7.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 49.0 | 50.4 | 6.089 | 31521 | 340 | 1465 |
| THT/ROOF-90-4T-10-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 45.9 | 46.6 | 7.761 | 35009 | 366 | 1477 |
| THT/ROOF-90-6T-2-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 46.5 | 51.5 | 1.602 | 19416 | 138 | 959 |
| THT/ROOF-90-6T-3-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 41.5 | 45.3 | 2.593 | 23831 | 163 | 960 |
| THT/ROOF-90-6T-4-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 38.4 | 41.3 | 3.459 | 27183 | 176 | 970 |
| THT/ROOF-100-4T-7.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 53.6 | 55.4 | 5.104 | 30466 | 323 | 1471 |
| THT/ROOF-100-4T-10-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 48.7 | 49.3 | 8.144 | 37591 | 380 | 1476 |
| THT/ROOF-100-4T-15-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 44.6 | 44.5 | 11.891 | 44571 | 428 | 1480 |
| THT/ROOF-100-4T-20-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 40.7 | 40.4 | 15.945 | 50259 | 465 | 1485 |
| THT/ROOF-100-6T-3-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 45.5 | 49.3 | 2.454 | 24629 | 163 | 963 |
| THT/ROOF-100-6T-4-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 44.7 | 47.9 | 3.080 | 27632 | 179 | 974 |
| THT/ROOF-100-6T-5.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 39.4 | 41.7 | 4.375 | 32567 | 191 | 971 |
| THT/ROOF-125-4T/6-25-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 58.3 | 57.9 | 18.443 | 63848 | 606 | 1486 |
| THT/ROOF-125-4T/6-30-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 57.3 | 56.8 | 21.375 | 68837 | 640 | 1486 |
| THT/ROOF-125-4T/6-40-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 55.5 | 54.7 | 30.430 | 85910 | 708 | 1488 |
| THT/ROOF-125-4T/6-50-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 52.8 | 51.9 | 38.277 | 93638 | 777 | 1481 |
| THT/ROOF-125-4T/9-25-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 62.6 | 62.1 | 20.171 | 41359 | 1099 | 1485 |
| THT/ROOF-125-4T/9-30-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 58.4 | 57.8 | 22.062 | 50452 | 919 | 1486 |
| THT/ROOF-125-4T/9-40-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 54.2 | 53.5 | 28.045 | 80439 | 680 | 1489 |
| THT/ROOF-125-4T/9-50-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 52.5 | 51.5 | 37.988 | 94456 | 760 | 1481 |
| THT/ROOF-125-6T/6-5.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 53.8 | 56.2 | 4.226 | 34565 | 237 | 972 |
| THT/ROOF-125-6T/6-7.5-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 55.2 | 56.9 | 5.481 | 41832 | 260 | 974 |
| THT/ROOF-125-6T/6-10-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 54.3 | 54.9 | 7.976 | 53067 | 294 | 972 |
| THT/ROOF-125-6T/6-15-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 50.6 | 50.6 | 11.243 | 61349 | 334 | 968 |
| THT/ROOF-125-6T/6-20-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 45.6 | 45.4 | 14.056 | 69759 | 331 | 983 |
| THT/ROOF-125-6T/9-10-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 54.2 | 55.2 | 6.861 | 48390 | 276 | 976 |
| THT/ROOF-125-6T/9-15-F-400 IE3 | C | Static | VSD nu este necesar | 1.00 | 50.3 | 50.2 | 11.158 | 61885 | 326 | 968 |
| THT/ROOF-125-6T/9-20-F-400 IE3 | C | Static | VSD nu este necesar | 1.01 | 49.4 | 49.1 | 15.123 | 69606 | 386 | 982 |
| THT/ROOF-40-6T-0.75-F-300 | A | Static | VSD nu este necesar | 1.00 | 25.4 | 38.3 | 0.090 | 2422 | 35 | 992 |
| THT/ROOF-56-4T-1-F-300 IE3 | A | Static | VSD nu este necesar | 1.00 | 38.9 | 45.8 | 0.802 | 7959 | 141 | 1433 |
| THT/ROOF-56-4T-1.5-F-300 IE3 | B | Total | VSD nu este necesar | 1.00 | 49.6 | 55.4 | 1.217 | 11615 | 187 | 1439 |
| THT/ROOF-63-4T-1.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 49.5 | 55.4 | 1.156 | 10625 | 194 | 1442 |
| THT/ROOF-63-4T-2-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 43.5 | 48.7 | 1.510 | 12026 | 196 | 1448 |
| THT/ROOF-63-4T-3-F-300 IE3 | B | Total | VSD nu este necesar | 1.00 | 63.7 | 67.7 | 2.373 | 20298 | 268 | 1467 |
| THT/ROOF-63-4T-4-F-300 IE3 | B | Total | VSD nu este necesar | 1.00 | 64.2 | 67.6 | 2.935 | 24239 | 280 | 1460 |
| THT/ROOF-63-6T-0.75-F-300 | B | Total | VSD nu este necesar | 1.00 | 48.6 | 55.8 | 0.724 | 12156 | 104 | 916 |
| THT/ROOF-63-6T-1-F-300 IE3 | B | Total | VSD nu este necesar | 1.00 | 57.6 | 64.2 | 0.920 | 15881 | 120 | 951 |
| THT/ROOF-71-4T-2-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 49.7 | 55.0 | 1.456 | 13405 | 194 | 1450 |

| Model | MC | EC | VSD | SR | ηe[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---------------------------------|----|--------|---------------------|------|-------|------|--------|--------|------|-------|
| THT/ROOF-71-4T-3-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 44.2 | 48.2 | 2.297 | 17056 | 214 | 1468 |
| THT/ROOF-71-4T-4-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 41.9 | 45.3 | 2.893 | 19369 | 225 | 1461 |
| THT/ROOF-71-6T-0.75-F-300 | C | Static | VSD nu este necesar | 1.00 | 34.1 | 41.0 | 0.804 | 10743 | 92 | 906 |
| THT/ROOF-71-6T-1-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 38.9 | 45.7 | 0.833 | 12404 | 94 | 955 |
| THT/ROOF-71-6T-1.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 33.9 | 40.0 | 1.107 | 14226 | 95 | 958 |
| THT/ROOF-80-4T-4-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 45.8 | 48.8 | 3.309 | 20444 | 267 | 1455 |
| THT/ROOF-80-4T-5.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 44.8 | 47.4 | 3.902 | 22304 | 282 | 1456 |
| THT/ROOF-80-6T-1.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 40.8 | 46.6 | 1.206 | 14613 | 121 | 955 |
| THT/ROOF-80-6T-2-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 39.8 | 44.7 | 1.738 | 17576 | 142 | 956 |
| THT/ROOF-80-6T-3-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 37.4 | 41.5 | 2.298 | 20444 | 151 | 965 |
| THT/ROOF-90-4T-5.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 51.9 | 54.5 | 3.939 | 25081 | 294 | 1455 |
| THT/ROOF-90-4T-7.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 49.0 | 50.4 | 6.089 | 31521 | 340 | 1465 |
| THT/ROOF-90-4T-10-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 45.9 | 46.6 | 7.761 | 35009 | 366 | 1477 |
| THT/ROOF-90-6T-2-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 46.5 | 51.5 | 1.602 | 19416 | 138 | 959 |
| THT/ROOF-90-6T-3-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 41.5 | 45.3 | 2.593 | 23831 | 163 | 960 |
| THT/ROOF-90-6T-4-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 38.4 | 41.3 | 3.459 | 27183 | 176 | 970 |
| THT/ROOF-100-4T-7.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 53.6 | 55.4 | 5.104 | 30466 | 323 | 1471 |
| THT/ROOF-100-4T-10-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 48.7 | 49.3 | 8.144 | 37591 | 380 | 1476 |
| THT/ROOF-100-4T-15-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 44.6 | 44.5 | 11.891 | 44571 | 428 | 1480 |
| THT/ROOF-100-4T-20-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 40.7 | 40.4 | 15.945 | 50259 | 465 | 1485 |
| THT/ROOF-100-6T-3-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 45.5 | 49.3 | 2.454 | 24629 | 163 | 963 |
| THT/ROOF-100-6T-4-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 44.7 | 47.9 | 3.080 | 27632 | 179 | 974 |
| THT/ROOF-100-6T-5.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 39.4 | 41.7 | 4.375 | 32567 | 191 | 971 |
| THT/ROOF-125-4T/6-25-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 58.3 | 57.9 | 18.443 | 63848 | 606 | 1486 |
| THT/ROOF-125-4T/6-30-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 57.3 | 56.8 | 21.375 | 68837 | 640 | 1486 |
| THT/ROOF-125-4T/6-40-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 55.5 | 54.7 | 30.430 | 85910 | 708 | 1488 |
| THT/ROOF-125-4T/6-50-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 52.8 | 51.9 | 38.277 | 93638 | 777 | 1481 |
| THT/ROOF-125-4T/9-25-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 62.6 | 62.1 | 20.171 | 41359 | 1099 | 1485 |
| THT/ROOF-125-4T/9-30-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 58.4 | 57.8 | 22.062 | 50452 | 919 | 1486 |
| THT/ROOF-125-4T/9-40-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 54.2 | 53.5 | 28.045 | 80439 | 680 | 1489 |
| THT/ROOF-125-4T/9-50-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 52.5 | 51.5 | 37.988 | 94456 | 760 | 1481 |
| THT/ROOF-125-6T/6-5.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 53.8 | 56.2 | 4.226 | 34565 | 237 | 972 |
| THT/ROOF-125-6T/6-7.5-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 55.2 | 56.9 | 5.481 | 41832 | 260 | 974 |
| THT/ROOF-125-6T/6-10-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 54.3 | 54.9 | 7.976 | 53067 | 294 | 972 |
| THT/ROOF-125-6T/6-15-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 50.6 | 50.6 | 11.243 | 61349 | 334 | 968 |
| THT/ROOF-125-6T/6-20-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 45.6 | 45.4 | 14.056 | 69759 | 331 | 983 |
| THT/ROOF-125-6T/9-10-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 54.2 | 55.2 | 6.861 | 48390 | 276 | 976 |
| THT/ROOF-125-6T/9-15-F-300 IE3 | C | Static | VSD nu este necesar | 1.00 | 50.3 | 50.2 | 11.158 | 61885 | 326 | 968 |
| THT/ROOF-125-6T/9-20-F-300 IE3 | C | Static | VSD nu este necesar | 1.01 | 49.4 | 49.1 | 15.123 | 69606 | 386 | 982 |