

This information was generated by the HP KEYMARK database on 18 Mar 2022

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| | | | |
|---------------------|---|----------|----------------|
| Summary of | ESTIA HWS-P805H8R | Reg. No. | 011-1W0346 |
| Certificate Holder | | | |
| Name | TOSHIBA AIR CONDITIONING | | |
| Address | Porsham Close, Belliver Industrial Estate | Zip | PL6 7DB |
| City | Plymouth | Country | United Kingdom |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH | | |
| Subtype title | ESTIA HWS-P805H8R | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 2.7 kg | | |
| Certification Date | 26.11.2019 | | |

Model: HWS-P805H8R-E/HWS-P805XWHM3-E

Configure model

| | |
|-------------------------------------|-------------------------------|
| Model name | HWS-P805H8R-E/HWS-P805XWHM3-E |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 41 dB(A) | 41 dB(A) |
| Sound power level outdoor | 66 dB(A) | 66 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 169 % | 123 % |
| Prated | 11.00 kW | 10.00 kW |
| SCOP | 4.31 | 3.16 |
| Tbiv | -7 °C | -7 °C |
| TOL | -9 °C | -9 °C |
| Pdh Tj = -7°C | 9.90 kW | 9.10 kW |

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| | | |
|---|-------------|-------------|
| COP Tj = -7°C | 2.90 | 2.01 |
| Pdh Tj = +2°C | 5.90 kW | 6.00 kW |
| COP Tj = +2°C | 4.15 | 3.06 |
| Pdh Tj = +7°C | 4.00 kW | 3.60 kW |
| COP Tj = +7°C | 5.73 | 4.13 |
| Pdh Tj = 12°C | 4.40 kW | 4.20 kW |
| COP Tj = 12°C | 7.51 | 6.32 |
| Pdh Tj = Tbiv | 9.90 kW | 9.10 kW |
| COP Tj = Tbiv | 2.90 | 2.01 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 8.80 kW | 7.70 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.70 | 1.69 |
| Rated airflow rate | 5310 m³/h | 5310 m³/h |
| WTOL | 60 °C | 60 °C |
| Poff | 20 W | 20 W |
| PTO | 80 W | 80 W |
| PSB | 20 W | 20 W |
| PCK | 14 W | 14 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 11.00 kW | 10.00 kW |
| Annual energy consumption Qhe | 5372 kWh | 6750 kWh |

Heating

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EN 14511-2

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 8.00 kW | 7.26 kW |
| El input | 1.71 kW | 2.56 kW |
| COP | 4.68 | 2.84 |

EN 14511-4

| Shutting off the heat transfer medium flow | passed |
|--|--------|
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

Model: HWS-P805H8R-E/HWS-P805XWHT6-E

Configure model

| | |
|-------------------------------------|-------------------------------|
| Model name | HWS-P805H8R-E/HWS-P805XWHT6-E |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Average Climate

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|---------------------------|-----------------|--------------------|
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EN 14825

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| Pdh Tj = +7°C | 4.00 kW | 3.60 kW |
| COP Tj = +7°C | 5.73 | 4.13 |
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| Rated airflow rate | 5310 m³/h | 5310 m³/h |
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EN 14511-4

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| Defrost test | passed |
| Starting and operating test | passed |

Model: HWS-P805H8R-E/HWS-P805XWHT9-E

Configure model

| | |
|-------------------------------------|-------------------------------|
| Model name | HWS-P805H8R-E/HWS-P805XWHT9-E |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

General Data

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