|  |  |  |  |
| --- | --- | --- | --- |
| **Heat pump water heater** | | | |
|
| Model: | HEATANK WM 100 | | |
| Manufacturer: | EUROFRED S.A. | | |
| Address: | Cl. Marqués de Sentmenat, 97 - 08029 Barcelona - Spain | | |
| Denomination : | | | HOT WATER HEAT PUMP |
| Intended use: | | | hot water |
| Power supply: | | Ph/V/Hz | 230V~ 50Hz |
| Assembly type: | | | single package |
| Refrigerant : | | | R134a/ 550g |
| The water heating energy efficiency ηwh : | | (%) | 96.01 |
| The energy efficiency class of the model, determined in accordance with point 1 of Annex II | |  | Class A |
| The annual electricity consumption AEC: | | kWh/annum | 579 |
| The daily electricity consumption Qelec: | | kWh | 2.645 |
| The sound power level in dB (indoors）: | | dB | 57 |
| Mixed water at 40 °C V40 | | L | 119 |
| Load profiles of water heaters, Type: | |  | M |

**Load profiles of water heaters :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| h | M | | | |
| *Qtap* | *f* | *Tm* | *Tp* |
| kWh | l/min | ℃ | ℃ |
| 7:00 | **0.105** | 3 | 25 |  |
| 7:05 | **1.4** | 6 | 40 |  |
| 7:30 | **0.105** | 3 | 25 |  |
| 8:01 | **0.105** | 3 | 25 |  |
| 8:15 | **0.105** | 3 | 25 |  |
| 8:30 | **0.105** | 3 | 25 |  |
| 8:45 | **0.105** | 3 | 25 |  |
| 9:00 | **0.105** | 3 | 25 |  |
| 9:30 | **0.105** | 3 | 25 |  |
| 10:30 | **0.105** | 3 | 10 | 40 |
| 11:30 | **0.105** | 3 | 25 |  |
| 11:45 | **0.105** | 3 | 25 |  |
| 12:45 | **0.315** | 4 | 10 | 55 |
| 14:30 | **0.105** | 3 | 25 |  |
| 15:30 | **0.105** | 3 | 25 |  |
| 16:30 | **0.105** | 3 | 25 |  |
| 18:00 | **0.105** | 3 | 25 |  |
| 18:15 | **0.105** | 3 | 40 |  |
| 18:30 | **0.105** | 3 | 40 |  |
| 19:00 | **0.105** | 3 | 25 |  |
| 20:30 | **0.735** | 4 | 10 | 55 |
| 21:15 | **0.105** | 3 | 25 |  |
| 21:30 | **1.4** | 6 | 40 |  |
| *Qref* | 5.845 | | | |