|  |  |  |  |
| --- | --- | --- | --- |
| **Heat pump water heater** | | | |
|
| Model: | HEATANK V2 300 | | |
| Manufacturer: | EUROFRED S.A. | | |
| Address: | Cl. Marqués de Sentmenat, 97 - 08029 Barcelona - Spain | | |
| Denomination : | | | Heat pump water heater |
| Intended use: | | | hot water |
| Power supply: | | Ph/V/Hz | 230V~ 50Hz |
| Assembly type: | | | single package |
| Refrigerant : | | | R134a/ 950g |
| The water heating energy efficiency ηwh : | | (%) | 117.4 |
| 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 | 1427 |
| The daily electricity consumption Qelec: | | kWh | 6.654 |
| The sound power level in dB (indoors）: | | dB | 57 |
| Mixed water at 40 °C V40 | | L | 384 |
| Load profiles of water heaters, Type: | |  | XL |

**Load profiles of water heaters :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| h | XL | | | |
| *Qtap* | *f* | *Tm* | *Tp* |
| kWh | l/min | ℃ | ℃ |
| 07:00 | 0,105 | 3 | 25 |  |
| 07:05 |  |  |  |  |
| 07:15 | 182 | 6 | 40 |  |
| 07:26 | 0,105 | 3 | 25 |  |
| 07:30 |  |  |  |  |
| 07:45 | 442 | 10 | 10 | 40 |
| 08:01 | 0,105 | 3 | 25 |  |
| 08:05 |  |  |  |  |
| 08:15 | 0,105 | 3 | 25 |  |
| 08:25 |  |  |  |  |
| 08:30 | 0,105 | 3 | 25 |  |
| 08:45 | 0,105 | 3 | 25 |  |
| 09:00 | 0,105 | 3 | 25 |  |
| 09:30 | 0,105 | 3 | 25 |  |
| 10:00 | 0,105 | 3 | 25 |  |
| 10:30 | 0,105 | 3 | 10 | 40 |
| 11:00 | 0,105 | 3 | 25 |  |
| 11:30 | 0,105 | 3 | 25 |  |
| 11:45 | 0,105 | 3 | 25 |  |
| 12:00 |  |  |  |  |
| 12:30 |  |  |  |  |
| 12:45 | 0,735 | 4 | 10 | 55 |
| 14:30 | 0,105 | 3 | 25 |  |
| 15:00 | 0,105 | 3 | 25 |  |
| 15:30 | 0,105 | 3 | 25 |  |
| 16:00 | 0,105 | 3 | 25 |  |
| 16:30 | 0,105 | 3 | 25 |  |
| 17:00 | 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 |  |
| 19:30 |  |  |  |  |
| 20:00 |  |  |  |  |
| 20:30 | 0,735 | 4 | 10 | 55 |
| 20:45 |  |  |  |  |
| 20:46 | 442 | 10 | 10 | 40 |
| 21:00 |  |  |  |  |
| 21:15 | 0,105 | 3 | 25 |  |
| 21:30 | 442 | 10 | 10 | 40 |
| 21:35 |  |  |  |  |
| 21:45 |  |  |  |  |
| *Qref* | 19,07 | | | |