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| **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 |