

Technical Data

| Heat pump water heater | | |
|---|--|------------|
| Model: | HEATANK V3 200 | |
| 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/ 1250g | |
| The water heating energy efficiency η_{wh} : | (%) | 152.1 |
| 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 | 673 |
| The daily electricity consumption Q_{elec} : | kWh | 3.263 |
| The sound power level in dB (indoors) : | dB | 57 |
| Mixed water at 40 °C V40 | L | 253 |
| Load profiles of water heaters, Type: | | L |

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Load profiles of water heaters :

| h | L | | | |
|-------------|--------------|-------|-------|-------|
| | Q_{tap} | f | T_m | T_p |
| | kWh | l/min | °C | °C |
| 7:00 | 0.105 | 3 | 25 | |
| 7:05 | 1.4 | 6 | 40 | |
| 7:30 | 0.105 | 3 | 25 | |
| 7:45 | 0.105 | 3 | 25 | |
| 8:05 | 3.605 | 10 | 10 | 40 |
| 8:25 | 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 |
| 21:00 | 3.605 | 10 | 10 | 40 |
| 21:30 | 0.105 | 3 | 25 | |
| <i>Qref</i> | 11.655 | | | |