

|                                                           |               |              |             |
|-----------------------------------------------------------|---------------|--------------|-------------|
| <b>Manufacturer: Templari S.p.A.</b>                      |               |              |             |
| <b>Model: LP 35</b>                                       |               |              |             |
| <b>Refrigerant: R290</b>                                  |               |              |             |
| Equipped with a supplementary heater: no                  |               |              |             |
| Heat pump combination heater: no                          |               |              |             |
| Application: medium temperature                           |               |              |             |
| Climate: average                                          |               |              |             |
| <b>Item</b>                                               | <b>Symbol</b> | <b>Value</b> | <b>Unit</b> |
| <b>Rated heat output *</b>                                | Prated        | <b>28.70</b> | kW          |
| Declared capacity for part load at outdoor temperature Tj |               |              |             |
| Tj= -7                                                    | Pdh           | <b>25.39</b> | kW          |
| Tj= +2                                                    | Pdh           | <b>15.45</b> | kW          |
| Tj= +7                                                    | Pdh           | <b>9.93</b>  | kW          |
| Tj= +12                                                   | Pdh           | <b>9.30</b>  | kW          |
| Tj= bivalent temperature                                  | Pdh           | <b>25.39</b> | kW          |
| Tj= operation limit                                       | Pdh           | <b>23.59</b> | kW          |
| Tj= -15 if TOL < -20 °C                                   | Pdh           | -            | kW          |
| Bivalent temperature                                      | Tbiv          | <b>-7</b>    | °C          |
| Power input "compressor off"                              |               | -            | W           |
| Power consumption in modes other than active mode         |               |              |             |
| Off mode                                                  | POFF          | <b>24.0</b>  | W           |
| Thermostat-off mode                                       | PTO           | <b>30.7</b>  | W           |
| Standby mode                                              | PSB           | <b>24.0</b>  | W           |
| Crankcase heater mode                                     | PCK           | <b>35.0</b>  | W           |
| Other items                                               |               |              |             |
| Capacity control                                          | Variable      |              |             |
| Sound power level, indoors/outdoors                       | LWA           | <b>61</b>    | dB          |
| Annual energy consumption                                 | QHE           | <b>14722</b> | kWh         |

|                                                                                              |               |              |             |
|----------------------------------------------------------------------------------------------|---------------|--------------|-------------|
| <b>Item</b>                                                                                  | <b>Symbol</b> | <b>Value</b> | <b>Unit</b> |
| <b>Seasonal space heating energy efficiency</b>                                              | ηs            | <b>158.1</b> | %           |
| Declared coefficient of performance for part load at outdoor temperature Tj                  |               |              |             |
| Tj= -7                                                                                       | COPd          | <b>2.20</b>  | -           |
| Tj= +2                                                                                       | COPd          | <b>3.98</b>  | -           |
| Tj= +7                                                                                       | COPd          | <b>5.64</b>  | -           |
| Tj= +12                                                                                      | COPd          | <b>7.75</b>  | -           |
| Tj= bivalent temperature                                                                     | COPd          | <b>2.20</b>  | -           |
| Tj= operation limit                                                                          | COPd          | <b>1.95</b>  | -           |
| Tj= -15 if TOL < -20 °C                                                                      | COPd          | -            | -           |
| For air to water heat pumps: Tj = -15 °C (if TOL< -20 °C)                                    | TOL           | <b>-10</b>   | °C          |
| Heating water operating limit temperature                                                    | WTOL          | <b>65</b>    | °C          |
| Supplementary heater                                                                         |               |              |             |
| Rated heat output*                                                                           | Psup          | -            | W           |
| Type of energy input                                                                         | Electricity   |              |             |
| For air to water heat pumps: Rated air flow rate, outdoors                                   | <b>16963</b>  | m³/h         |             |
| For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | -             | l/h          |             |

|                                                                                                                                                                                                                           |  |  |  |
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| Contact details: Templari S.p.A. Via C. Battisti 169 35031 Abano Terme (PD) - Italy                                                                                                                                       |  |  |  |
| * For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary capacity for heating sup(Tj) |  |  |  |

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\* For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary capacity for heating sup(Tj)