

|                                                           |          |       |      |  |
|-----------------------------------------------------------|----------|-------|------|--|
| Manufacturer: Templari S.p.A.                             |          |       |      |  |
| Model: HRP-12                                             |          |       |      |  |
| Refrigerant: R290                                         |          |       |      |  |
| Equipped with a supplementary heater: no                  |          |       |      |  |
| Heat pump combination heater: no                          |          |       |      |  |
| Application: medium temperature                           |          |       |      |  |
| Climate: average                                          |          |       |      |  |
| Item                                                      | Symbol   | Value | Unit |  |
| Rated heat output *                                       | Prated   | 9.32  | kW   |  |
| Declared capacity for part load at outdoor temperature Tj |          |       |      |  |
| Tj= -7                                                    | Pdh      | 8.25  | kW   |  |
| Tj= +2                                                    | Pdh      | 5.08  | kW   |  |
| Tj= +7                                                    | Pdh      | 4.09  | kW   |  |
| Tj= +12                                                   | Pdh      | 4.20  | kW   |  |
| Tj= bivalent temperature                                  | Pdh      | 8.25  | kW   |  |
| Tj= operation limit                                       | Pdh      | 7.46  | kW   |  |
| Tj= -15 if TOL < -20 °C                                   | Pdh      | -     | kW   |  |
| Bivalent temperature                                      | Tbiv     | -7    | °C   |  |
| Power input "compressor off"                              |          | -     | W    |  |
| Power consumption in modes other than active mode         |          |       |      |  |
| Off mode                                                  | POFF     | 24.0  | W    |  |
| Thermostat-off mode                                       | PTO      | 30.7  | W    |  |
| Standby mode                                              | PSB      | 24.0  | W    |  |
| Crankcase heater mode                                     | PCK      | 35.0  | W    |  |
| Other items                                               |          |       |      |  |
| Capacity control                                          | Variable |       |      |  |
| Sound power level, indoors/outdoors                       | LWA      | 55    | dB   |  |
| Annual energy consumption                                 | QHE      | 5056  | kWh  |  |

|                                                                                              |             |       |      |
|----------------------------------------------------------------------------------------------|-------------|-------|------|
| Item                                                                                         | Symbol      | Value | Unit |
| Seasonal space heating energy efficiency                                                     | ηs          | 149.3 | %    |
| Declared coefficient of performance for part load at outdoor temperature Tj                  |             |       |      |
| Tj= -7                                                                                       | COPd        | 2.22  | -    |
| Tj= +2                                                                                       | COPd        | 3.76  | -    |
| Tj= +7                                                                                       | COPd        | 5.18  | -    |
| Tj= +12                                                                                      | COPd        | 8.07  | -    |
| Tj= bivalent temperature                                                                     | COPd        | 2.22  | -    |
| Tj= operation limit                                                                          | COPd        | 1.98  | -    |
| Tj= -15 if TOL < -20 °C                                                                      | COPd        | -     | -    |
| For air to water heat pumps: Tj = -15 °C (if TOL< -20 °C)                                    | TOL         | -10   | °C   |
| Heating water operating limit temperature                                                    | WTOL        | 65    | °C   |
| Supplementary heater                                                                         |             |       |      |
| Rated heat output*                                                                           | Psup        | -     | W    |
| Type of energy input                                                                         | Electricity |       |      |
| For air to water heat pumps: Rated air flow rate, outdoors                                   | 7550        |       | 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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