

Required details about room heater and combi heater with heat pump to regulation (EU) no. 813/2013 & 811/2013

|   |    | TTL 57      |
|---|----|-------------|
|   |    | 229874      |
| Manufacturer  |    | tecalor     |
| Heat source   |    | Outside air |
| With booster heater   |    | -           |
| Combi boiler with heat pump   |    | -           |
| Rated heating output in colder climates for average temperature applications (Prated)           | kW | 34          |
| Rated heating output in moderate climates for average temperature applications (Prated)         | kW | 33          |
| Rated heating output in warmer climates for average temperature applications (Prated)           | kW | 31          |
| Tj = -7 °C heating output, partial load range in colder climates (Pdh)                          | kW | 24.9        |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 25.50       |
| Tj = -7 °C heating output, partial load range in warmer climates (Pdh)                          | kW | 25.7        |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh)                           | kW | 30.3        |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 30.50       |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 31.2        |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh)                           | kW | 30.8        |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 30.70       |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 30.3        |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh)                          | kW | 38.9        |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 38.70       |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh)                          | kW | 38.4        |
| Tj = dual mode temperature in colder climates (Pdh)   | kW | 23.1        |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW | 26.50       |
| Tj = dual mode temperature in warmer climates (Pdh)   | kW | 31.2        |
| Tj = operating temperature limit in colder climates (Pdh)                                       | kW | 17.7        |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW | 23.90       |
| Tj = operating temperature limit in warmer climates (Pdh)                                       | kW | 31.2        |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)                                   | kW | 21.40       |
| Dual mode temperature in colder climates (Tbiv)   | °C | -10         |
| Dual mode temperature in moderate climates (Tbiv)   | °C | -5          |
| Dual mode temperature in warmer climates (Tbiv)   | °C | 2           |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs)   | %  | 92          |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | %  | 110         |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)   | %  | 108         |
| Tj = -7 °C COP, partial load range in colder climates (COPd)                                    |    | 2.48        |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 2.30        |
| Tj = -7 °C COP, partial load range in warmer climates (COPd)                                    |    | 2.22        |
| Tj = 2 °C COP, partial load range in colder climates (COPd)                                     |    | 2.98        |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 2.84        |
| Tj = 2 °C COP, partial load range in warmer climates (COPd)                                     |    | 2.53        |
| Tj = 7 °C COP, partial load range in colder climates (COPd)                                     |    | 3.4         |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 3.24        |
| Tj = 7 °C COP, partial load range in warmer climates (COPd)                                     |    | 2.9         |
| Tj = 12 °C COP, partial load range in colder climates (COPd)                                    |    | 4.16        |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 4.05        |
| Tj = 12 °C COP, partial load range in warmer climates (COPd)                                    |    | 3.87        |
| Tj = dual mode temperature in colder climates (COPd)  |    | 2.32        |

|   |                   |          |
|---|-------------------|----------|
| Tj = dual mode temperature under moderate climatic conditions (COPd)                      |                   | 2.43     |
| Tj = dual mode temperature in warmer climates (COPd)                                      |                   | 2.53     |
| Tj = operating temperature limit in colder climates (COPd)                                |                   | 1.73     |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                |                   | 2.12     |
| Tj = operating temperature limit in warmer climates (COPd)                                |                   | 2.53     |
| For air/water heat pumps: Tj= -15 °C (if TOL < -20 °C) (COPd)                             |                   | 1.84     |
| Operating temperature limit in colder climates (TOL)                                      | °C                | -20      |
| Operating temperature limit in moderate climates (TOL)                                    | °C                | -10.000  |
| Operating temperature limit in warmer climates (TOL)                                      | °C                | 2        |
| Heating water operating temperature limit in colder climates (WTOL)                       | °C                | 60       |
| Heating water operating temperature limit (WTOL)  | °C                | 60       |
| Heating water operating temperature limit in warmer climates (WTOL)                       | °C                | 60       |
| Power consumption, OFF state (Poff)   | W                 | 7.000    |
| Power consumption, thermostat OFF state (PTO)   | W                 | 7        |
| Standby power consumption (PSB)   | W                 | 7.000    |
| Power consumption, operating state, with crankcase heating (PCK)                          | W                 | 25.000   |
| Booster heater heating output in moderate climate (Psup)                                  | kW                | 9.100    |
| Type of energy supply, booster heater   |                   | electric |
| Power control   |                   | Fixed    |
| Sound power level external  | dB(A)             | 69       |
| Annual energy consumption in colder climates for average temperature applications (QHE)   | kWh/a             | 35394    |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a             | 24031    |
| Annual energy consumption in warmer climates for average temperature applications (QHE)   | kWh/a             | 14885    |
| Flow rate, heat source side   | m <sup>3</sup> /h | 7300     |

Special measures

For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions