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tecalor

TTL 25.5 AC-2



55 °C

35 °C



A<sup>++</sup>

A<sup>++</sup>



56 dB



64 dB

■ 26

■ 29

■ 27

kW

■ 25

■ 29

■ 28

kW



2019

811/2013

|                                                                                                                            |       | TTL 25.5 AC-2 |
|----------------------------------------------------------------------------------------------------------------------------|-------|---------------|
|                                                                                                                            |       | 190750        |
| Manufacturer                                                                                                               |       | tecalor       |
| Space heating energy efficiency class under average climate conditions, medium-temperature applications                    |       | A++           |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications                      |       | A++           |
| Rated heating output under average climate conditions for medium-temperature applications (P rated)                        | kW    | 29            |
| Rated heating output under average climate conditions for low-temperature applications (P rated)                           | kW    | 29            |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ ) | %     | 134           |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )    | %     | 150           |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE)                       | kWh/a | 17450         |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE)                          | kWh/a | 15634         |
| Sound power level, indoor                                                                                                  | dB(A) | 56            |
| Option for operation only at off-peak times                                                                                |       | -             |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated)                         | kW    | 26            |
| Rated heating output under colder climate conditions for low-temperature applications (P rated)                            | kW    | 25            |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated)                         | kW    | 27            |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated)                            | kW    | 28            |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications ( $\eta_s$ )  | %     | 124           |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications ( $\eta_s$ )     | %     | 137           |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta_s$ )  | %     | 150           |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )     | %     | 168           |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)                        | kWh/a | 20254         |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE)                           | kWh/a | 17575         |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)                        | kWh/a | 9406          |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)                           | kWh/a | 8891          |
| Sound power level, outdoor                                                                                                 | dB(A) | 64            |



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Y

IJA

IE

IA

tecalor

TTL 25.5 AC-2



A<sup>++</sup>

A<sup>+++</sup>

A<sup>++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

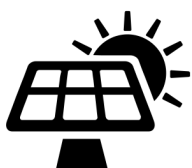
D

E

F

G

+



+



+



+



Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

|                                                                                                                                         |   | TTL 25.5 AC-2 |
|-----------------------------------------------------------------------------------------------------------------------------------------|---|---------------|
|                                                                                                                                         |   | 190750        |
| Manufacturer                                                                                                                            |   | tecalor       |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )                 | % | 150           |
| Temperature control class                                                                                                               |   | VII           |
| Contribution of temperature control to space heating energy efficiency                                                                  | % | 4             |
| Space heating energy efficiency of package under average climate conditions                                                             | % | 134           |
| Space heating energy efficiency of package under colder climate conditions                                                              | % | 124           |
| Space heating energy efficiency of package under warmer climate conditions                                                              | % | 150           |
| Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions | % | 16            |
| Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions | % | 22            |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications                                   |   | A++           |
| Space heating energy efficiency class of package under average climate conditions                                                       |   | A++           |

**Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)**

|                                                                                                                    |    | <b>TTL 25.5 AC-2</b> |
|--------------------------------------------------------------------------------------------------------------------|----|----------------------|
|                                                                                                                    |    | 190750               |
| Manufacturer                                                                                                       |    | tecalor              |
| Heat source                                                                                                        |    | Außenluft            |
| Low temperature heat pump                                                                                          |    | -                    |
| With auxiliary heater                                                                                              |    | -                    |
| Combination heater with heat pump                                                                                  |    | -                    |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated)                 | kW | 26                   |
| Rated heating output under average climate conditions for medium-temperature applications (P rated)                | kW | 29                   |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated)                 | kW | 27                   |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)                                | kW | 27,1                 |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)                               | kW | 26,0                 |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)                                 | kW | 29,6                 |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)                                | kW | 29,0                 |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)                                 | kW | 27,0                 |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)                                 | kW | 38,5                 |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)                                | kW | 38,0                 |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)                                 | kW | 35,0                 |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)                                | kW | 41,3                 |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)                               | kW | 41,0                 |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)                                | kW | 40,5                 |
| Tj = dual mode temperature under colder climate conditions (Pdh)                                                   | kW | 22,0                 |
| Tj = dual mode temperature under average climate conditions (Pdh)                                                  | kW | 26,0                 |
| Tj = dual mode temperature under warmer climate conditions (Pdh)                                                   | kW | 27,0                 |
| Tj = operating temperature limit under colder climate conditions (Pdh)                                             | kW | 16,8                 |
| Tj = operating temperature limit under average climate conditions (Pdh)                                            | kW | 24,5                 |
| Tj = operating temperature limit under warmer climate conditions (Pdh)                                             | kW | 27,0                 |
| Dual mode temperature under colder climate conditions (Tbiv)                                                       | °C | -15                  |
| Dual mode temperature under average climate conditions (Tbiv)                                                      | °C | -7                   |
| Dual mode temperature under warmer climate conditions (Tbiv)                                                       | °C | 2                    |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  | %  | 124                  |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) | %  | 134                  |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)  | %  | 150                  |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd)                                          |    | 2,80                 |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd)                                         |    | 2,60                 |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd)                                           |    | 3,60                 |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd)                                          |    | 3,40                 |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)                                           |    | 2,60                 |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd)                                           |    | 4,20                 |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd)                                          |    | 4,00                 |
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)                                           |    | 3,60                 |

|                                                                                                      |       |            |
|------------------------------------------------------------------------------------------------------|-------|------------|
| Tj = 12 °C COP, partial load range under colder climate conditions (COPd)                            |       | 4,70       |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd)                           |       | 4,60       |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)                            |       | 4,40       |
| Tj = dual mode temperature under colder climate conditions (COPd)                                    |       | 2,30       |
| Tj = dual mode temperature under average climate conditions (COPd)                                   |       | 2,60       |
| Tj = dual mode temperature under warmer climate conditions (COPd)                                    |       | 2,60       |
| Tj = operating temperature limit under colder climate conditions (COPd)                              |       | 1,60       |
| Tj = operating temperature limit under average climate conditions (COPd)                             |       | 2,40       |
| Tj = operating temperature limit under warmer climate conditions (COPd)                              |       | 2,60       |
| Operating temperature limit under colder climate conditions (TOL)                                    | °C    | -22        |
| Operating temperature limit under average climate conditions (TOL)                                   | °C    | -10        |
| Operating temperature limit under warmer climate conditions (TOL)                                    | °C    | 2          |
| Operating temperature limit of heating water under colder climate conditions (WTOL)                  | °C    | 65         |
| Operating temperature limit of heating water under average climate conditions (WTOL)                 | °C    | 65         |
| Operating temperature limit of heating water under warmer climate conditions (WTOL)                  | °C    | 65         |
| Power consumption, off-mode (Poff)                                                                   | W     | 25         |
| Power consumption, thermostat off-mode (PTO)                                                         | W     | 25         |
| Power consumption, standby state (PSB)                                                               | W     | 25         |
| Power consumption, operating state, with crankcase heating (PCK)                                     | W     | 0          |
| Type of energy supply, auxiliary heater                                                              |       | elektrisch |
| Output control                                                                                       |       | fest       |
| Sound power level, outdoor                                                                           | dB(A) | 64         |
| Sound power level, indoor                                                                            | dB(A) | 56         |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)  | kWh/a | 20254      |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 17450      |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)  | kWh/a | 9406       |
| Flow rate on heat source side                                                                        | m³/h  | 9800       |