# ENERGY

tecalor

TTL 13.1 AC comfort

| | 55 °C | 35 °C |
|---|---|---|
| | A+++ | A+++ |

A+++
A++
A+
A
B
C
D

| | | |
|---|---|---|
| ■ 14 | ■ 14 |
| ■ **15** | ■ **15** |
| ■ 8 | ■ 8 |
| kW | kW |

**51** dB

**2019** **811/2013**

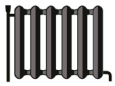
**Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)**

| | | **TTL 13.1 AC comfort** |
|---|---|---|
| | | 191103 |
| 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 | 15 |
| Rated heating output under average climate conditions for low-temperature applications (P rated) | kW | 15 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs) | % | 157 |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs) | % | 193 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 7653 |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE) | kWh/a | 6159 |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 14 |
| Rated heating output under colder climate conditions for low-temperature applications (P rated) | kW | 14 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 8 |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated) | kW | 8 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs) | % | 146 |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs) | % | 173 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs) | % | 183 |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs) | % | 255 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 9285 |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE) | kWh/a | 8075 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 2337 |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE) | kWh/a | 1676 |
| Sound power level, outdoor | dB(A) | 51 |

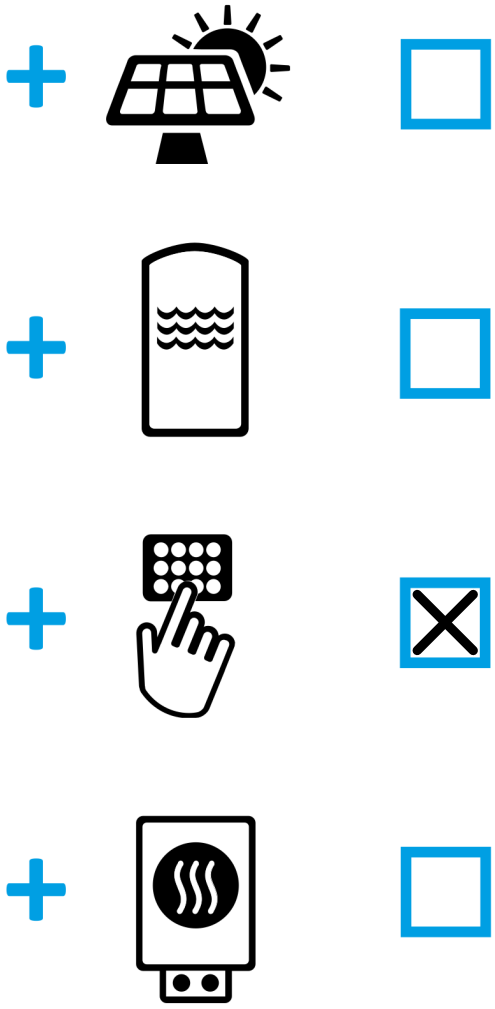
# ENERGY

tecalor

TTL 13.1 AC comfort



A+++



A+++

A++

A+

A

B

C

D

E

F

G

2015

811/2013

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

| | | **TTL 13.1 AC comfort** |
|---|---|---|
| | | 191103 |
| Manufacturer | | tecalor |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs) | % | 193 |
| Temperature control class | | VI |
| Contribution of temperature control to space heating energy efficiency | % | 4 |
| Space heating energy efficiency of package under average climate conditions | % | 161 |
| Space heating energy efficiency of package under colder climate conditions | % | 143 |
| Space heating energy efficiency of package under warmer climate conditions | % | 184 |
| Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions | % | 18 |
| Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions | % | 23 |
| 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)**

| | | **TTL 13.1 AC comfort** |
|---|---|---|
| | | 191103 |
| Manufacturer | | tecalor |
| Heat source | | Luft |
| 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 | 14 |
| Rated heating output under average climate conditions for medium-temperature applications (P rated) | kW | 15 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 8 |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 8,6 |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 13,2 |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 5,3 |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh) | kW | 8,0 |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 8,1 |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 5,1 |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 5,1 |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 5,3 |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 5,9 |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh) | kW | 5,9 |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 5,8 |
| Tj = dual mode temperature under colder climate conditions (Pdh) | kW | 11,5 |
| Tj = dual mode temperature under average climate conditions (Pdh) | kW | 13,2 |
| Tj = dual mode temperature under warmer climate conditions (Pdh) | kW | 8,1 |
| Tj = operating temperature limit under colder climate conditions (Pdh) | kW | 9,7 |
| Tj = operating temperature limit under average climate conditions (Pdh) | kW | 12,4 |
| Tj = operating temperature limit under warmer climate conditions (Pdh) | kW | 8,1 |
| 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 (ɳs) | % | 146 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs) | % | 157 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs) | % | 183 |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd) | | 3,17 |
| 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) | | 4,38 |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd) | | 3,81 |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd) | | 2,89 |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd) | | 5,60 |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd) | | 5,37 |
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd) | | 4,12 |

| | | |
|---|---|---|
| Tj = 12 °C COP, partial load range under colder climate conditions (COPd) | | 6,65 |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd) | | 6,56 |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd) | | 5,79 |
| Tj = dual mode temperature under colder climate conditions (COPd) | | 2,40 |
| Tj = dual mode temperature under average climate conditions (COPd) | | 2,60 |
| Tj = dual mode temperature under warmer climate conditions (COPd) | | 2,89 |
| Tj = operating temperature limit under colder climate conditions (COPd) | | 1,99 |
| Tj = operating temperature limit under average climate conditions (COPd) | | 2,38 |
| Tj = operating temperature limit under warmer climate conditions (COPd) | | 2,89 |
| 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 | 75 |
| Operating temperature limit of heating water under average climate conditions (WTOL) | °C | 75 |
| Operating temperature limit of heating water under warmer climate conditions (WTOL) | °C | 75 |
| Power consumption, off-mode (Poff) | W | 13 |
| Power consumption, thermostat off-mode (PTO) | W | 18 |
| Power consumption, standby state (PSB) | W | 13 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 0 |
| Rated heating output of auxiliary heater under colder climate conditions (PSUP) | kW | 4,4 |
| Rated heating output of auxiliary heater under average climate conditions (PSUP) | kW | 2,4 |
| Rated heating output of auxiliary heater under warmer climate conditions (PSUP) | kW | 0,0 |
| Type of energy supply, auxiliary heater | | elektrisch |
| Output control | | veränderlich |
| Sound power level, outdoor | dB(A) | 51 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 9285 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 7653 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 2337 |