# ENERGY

tecalor

TTL 18.5 AC dB-2

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

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

56 dB

59 dB

| | | |
|---|---|---|
| ■ | 22 | 19 |
| ■ | **21** | **22** |
| ■ | 21 | 20 |
| | kW | kW |

2019

811/2013

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

| | | **TTL 18.5 AC dB-2** |
|---|---|---|
| | | 190752 |
| 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 | 21 |
| Rated heating output under average climate conditions for low-temperature applications (P rated) | kW | 22 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs) | % | 125 |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs) | % | 148 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 13752 |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE) | kWh/a | 11748 |
| 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 | 22 |
| Rated heating output under colder climate conditions for low-temperature applications (P rated) | kW | 19 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 21 |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated) | kW | 20 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs) | % | 117 |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs) | % | 138 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs) | % | 141 |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs) | % | 171 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 18010 |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE) | kWh/a | 13245 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 7772 |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE) | kWh/a | 6023 |
| Sound power level, outdoor | dB(A) | 59 |

# ENERGY

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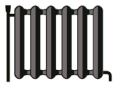
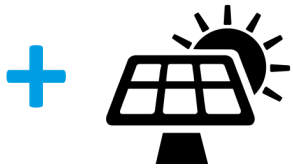
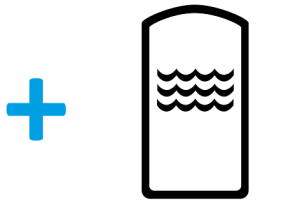
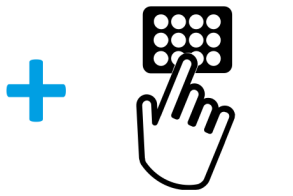
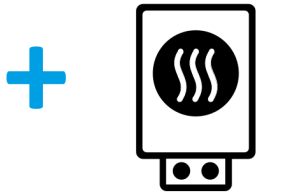


A++









A+++

A++

A+

A

B

C

D

E

F

G

A++

2015

811/2013

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

| | | **TTL 18.5 AC dB-2** |
|---|---|---|
| | | 190752 |
| Manufacturer | | tecalor |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs) | % | 148 |
| Temperature control class | | VII |
| Contribution of temperature control to space heating energy efficiency | % | 4 |
| Space heating energy efficiency of package under average climate conditions | % | 142 |
| Space heating energy efficiency of package under colder climate conditions | % | 128 |
| Space heating energy efficiency of package under warmer climate conditions | % | 160 |
| Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions | % | 14 |
| Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions | % | 18 |
| 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 18.5 AC dB-2** |
|---|---|---|
| | | 190752 |
| Manufacturer | | tecalor |
| Heat source | | Außenluft |
| With auxiliary heater | | - |
| Combination heater with heat pump | | - |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 22 |
| Rated heating output under average climate conditions for medium-temperature applications (P rated) | kW | 21 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 21 |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 19,8 |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 18,8 |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 19,3 |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh) | kW | 21,0 |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 21,0 |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 23,5 |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 27,0 |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 23,3 |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 28,6 |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh) | kW | 29,1 |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 30,1 |
| Tj = dual mode temperature under colder climate conditions (Pdh) | kW | 18,3 |
| Tj = dual mode temperature under average climate conditions (Pdh) | kW | 18,8 |
| Tj = dual mode temperature under warmer climate conditions (Pdh) | kW | 21,0 |
| Tj = operating temperature limit under colder climate conditions (Pdh) | kW | 13,4 |
| Tj = operating temperature limit under average climate conditions (Pdh) | kW | 17,6 |
| Tj = operating temperature limit under warmer climate conditions (Pdh) | kW | 21,0 |
| 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 (ɳs) | % | 117 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs) | % | 125 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs) | % | 141 |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd) | | 2,90 |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd) | | 2,55 |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd) | | 3,10 |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd) | | 3,07 |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd) | | 2,70 |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd) | | 3,70 |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd) | | 3,86 |
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd) | | 3,30 |

| | | |
|---|---|---|
| Tj = 12 °C COP, partial load range under colder climate conditions (COPd) | | 4,50 |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd) | | 4,37 |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd) | | 4,20 |
| Tj = dual mode temperature under colder climate conditions (COPd) | | 2,60 |
| Tj = dual mode temperature under average climate conditions (COPd) | | 2,55 |
| Tj = dual mode temperature under warmer climate conditions (COPd) | | 2,70 |
| Tj = operating temperature limit under colder climate conditions (COPd) | | 1,90 |
| Tj = operating temperature limit under average climate conditions (COPd) | | 2,34 |
| Tj = operating temperature limit under warmer climate conditions (COPd) | | 2,70 |
| 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) | 59 |
| Sound power level, indoor | dB(A) | 56 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 18010 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 13752 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 7772 |
| Flow rate on heat source side | m³/h | 8000 |