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tecalor

TTF 20



55 °C

35 °C



A⁺⁺

A⁺⁺⁺



59 dB



59 dB

■ 25

■ 20

■ 20

kW

■ 27

■ 22

■ 22

kW



2019

811/2013

| | | TTF 20 |
|--|-------|---------|
| | | 190363 |
| 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 | 20 |
| 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 (η_s) | % | 131 |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s) | % | 192 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 11988 |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE) | kWh/a | 8904 |
| Sound power level, indoor | dB(A) | 59 |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 25 |
| Rated heating output under colder climate conditions for low-temperature applications (P rated) | kW | 27 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 20 |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated) | kW | 22 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s) | % | 137 |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s) | % | 201 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s) | % | 128 |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s) | % | 188 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 17067 |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE) | kWh/a | 12535 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 7884 |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE) | kWh/a | 5871 |
| Sound power level, outdoor | dB(A) | 59 |



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tecalor

TTF 20



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

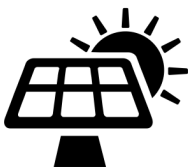
D

E

F

G

+



+



+



+



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

| | | TTF 20 |
|---|---|---------------|
| | | 190363 |
| Manufacturer | | tecalor |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s) | % | 192 |
| Temperature control class | | VII |
| Contribution of temperature control to space heating energy efficiency | % | 4 |
| Space heating energy efficiency of package under average climate conditions | % | 135 |
| Space heating energy efficiency of package under colder climate conditions | % | 141 |
| Space heating energy efficiency of package under warmer climate conditions | % | 132 |
| Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions | % | 6 |
| Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions | % | 3 |
| 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)

| | | TTF 20 |
|--|----|---------------|
| | | 190363 |
| Manufacturer | | tecalor |
| Heat source | | Sole |
| With auxiliary heater | | - |
| Combination heater with heat pump | | - |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 25 |
| Rated heating output under average climate conditions for medium-temperature applications (P rated) | kW | 20 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 20 |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 20,7 |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 20,2 |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 21,0 |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh) | kW | 20,7 |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 20,1 |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 21,3 |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 21,0 |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 20,5 |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 21,5 |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh) | kW | 21,3 |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 21,1 |
| Tj = dual mode temperature under colder climate conditions (Pdh) | kW | 20,5 |
| Tj = dual mode temperature under average climate conditions (Pdh) | kW | 20,1 |
| Tj = dual mode temperature under warmer climate conditions (Pdh) | kW | 20,1 |
| Tj = operating temperature limit under colder climate conditions (Pdh) | kW | 20,1 |
| Tj = operating temperature limit under average climate conditions (Pdh) | kW | 20,1 |
| Tj = operating temperature limit under warmer climate conditions (Pdh) | kW | 20,1 |
| For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh) | kW | 20,1 |
| Dual mode temperature under colder climate conditions (Tbiv) | °C | -15 |
| Dual mode temperature under average climate conditions (Tbiv) | °C | -10 |
| Dual mode temperature under warmer climate conditions (Tbiv) | °C | 2 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs) | % | 137 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) | % | 131 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs) | % | 128 |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd) | | 3,46 |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd) | | 2,96 |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd) | | 3,87 |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd) | | 3,48 |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd) | | 2,84 |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd) | | 4,26 |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd) | | 3,88 |
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd) | | 3,24 |

| | | |
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| Tj = 12 °C COP, partial load range under colder climate conditions (COPd) | | 4,60 |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd) | | 436,00 |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd) | | 4,03 |
| Tj = dual mode temperature under colder climate conditions (COPd) | | 3,24 |
| Tj = dual mode temperature under average climate conditions (COPd) | | 2,84 |
| Tj = dual mode temperature under warmer climate conditions (COPd) | | 2,84 |
| Tj = operating temperature limit under colder climate conditions (COPd) | | 2,84 |
| Tj = operating temperature limit under average climate conditions (COPd) | | 2,84 |
| Tj = operating temperature limit under warmer climate conditions (COPd) | | 2,84 |
| For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd) | | 2,84 |
| Operating temperature limit of heating water under average climate conditions (WTOL) | °C | 60 |
| Power consumption, off-mode (Poff) | W | 0 |
| Power consumption, thermostat off-mode (PTO) | W | 7 |
| Power consumption, standby state (PSB) | W | 7 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 74 |
| Rated heating output of auxiliary heater under average climate conditions (PSUP) | kW | 0,0 |
| Type of energy supply, auxiliary heater | | elektrisch |
| Output control | | fest |
| Sound power level, outdoor | dB(A) | 59 |
| Sound power level, indoor | dB(A) | 59 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 17067 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 11988 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 7884 |
| Flow rate on heat source side | m³/h | 5 |