

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

| | | TTF 05 |
|---|-------|---------|
| | | 190334 |
| 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 | 5 |
| Rated heating output under average climate conditions for low-temperature applications (P rated) | kW | 6 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η s) | % | 134 |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (Γ)s) | % | 205 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 3017 |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE) | kWh/a | 2262 |
| Sound power level, indoor | dB(A) | 43 |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 7 |
| Rated heating output under colder climate conditions for low-temperature applications (P rated) | kW | 7 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 5 |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated) | kW | 6 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η s) | % | 140 |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (Γ)s) | % | 212 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η s) | % | 133 |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s) | % | 203 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 4398 |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE) | kWh/a | 3254 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 1967 |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE) | kWh/a | 1473 |
| | | |



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tecalor

TTF 05































A

B

C

D

E

F

G



2015

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| | TTE | F 05 |
|---|-----|--------|
| | 190 | 190334 |
| Manufacturer | tec | calor |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ηs) | % | 205 |
| Temperature control class | | VII |
| Contribution of temperature control to space heating energy efficiency | % | 4 |
| Space heating energy efficiency of package under average climate conditions | % | 138 |
| Space heating energy efficiency of package under colder climate conditions | % | 144 |
| Space heating energy efficiency of package under warmer climate conditions | % | 137 |
| 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 | % | 1 |
| 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++ |

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| | | TTF 05 |
|--|----|----------|
| | | 190334 |
| Manufacturer | _ | tecalor |
| Heat source | | Sole |
| With auxiliary heater | | x |
| Combination heater with heat pump Rated heating output under colder climate conditions for medium- | | <u> </u> |
| temperature applications (P rated) | kW | |
| Rated heating output under average climate conditions for medium- temperature applications (P rated) | kW | 5 |
| Rated heating output under warmer climate conditions for medium- temperature applications (P rated) | kW | 5 |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 5,5 |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 5,3 |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 5,6 |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh) | kW | 5,5 |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 5,2 |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 5,7 |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 5,6 |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 5,4 |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 5,8 |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh) | kW | 5,7 |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 5,6 |
| Tj = dual mode temperature under colder climate conditions (Pdh) | kW | 5,4 |
| Tj = dual mode temperature under average climate conditions (Pdh) | kW | 5,2 |
| Tj = dual mode temperature under warmer climate conditions (Pdh) | kW | 5,2 |
| Tj = operating temperature limit under colder climate conditions (Pdh) | kW | 5,2 |
| Tj = operating temperature limit under average climate conditions (Pdh) | kW | 5,2 |
| Tj = operating temperature limit under warmer climate conditions (Pdh) | kW | 5,2 |
| For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh) | kW | 5,2 |
| 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 (Ŋs) | % | 140 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ŋs) | % | 134 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η s) | % | 133 |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd) | | 3,48 |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd) | | 2,94 |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd) | | 3,92 |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd) | | 3,49 |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd) | | 2,81 |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd) | | 4,33 |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd) | | 3,92 |
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd) | | 3,23 |

| Tj = 12 °C COP, partial load range under average climate conditions (COPd) 444,00 Tj = 12 °C COP, partial load range under warmer climate conditions (COPd) 3,24 Tj = dual mode temperature under colder climate conditions (COPd) 2,81 Tj = dual mode temperature under average climate conditions (COPd) 2,81 Tj = operating temperature limit under colder climate conditions (COPd) 2,81 Tj = operating temperature limit under average climate conditions (COPd) 2,81 Tj = operating temperature limit under average climate conditions (COPd) 2,81 Tj = operating temperature limit under average climate conditions (COPd) 2,81 Tj = operating temperature limit under average climate conditions (COPd) 2,81 Operating temperature limit of heating water under average climate conditions (WTOL) 2,81 Operating temperature limit of heating water under average climate conditions (WTOL) W 0 Operating temperature limit of heating water under average climate conditions (WTOL) W 0 Power consumption, off-mode (Poff) W 0 Power consumption, operating state, with crankcase heating (PCK) W 0 Rated heating output of auxiliary heater under average climate conditions (PSUP) kWh 0 Output control fest | Tj = 12 °C COP, partial load range under colder climate conditions (COPd) | | 4,68 |
|--|---|-------|------------|
| COPd 3,24 Tj = dual mode temperature under colder climate conditions (COPd) 2,81 Tj = dual mode temperature under average climate conditions (COPd) 2,81 Tj = dual mode temperature under warmer climate conditions (COPd) 2,81 Tj = operating temperature limit under colder climate conditions (COPd) 2,81 Tj = operating temperature limit under average climate conditions (COPd) 2,81 Tj = operating temperature limit under average climate conditions (COPd) 2,81 Tj = operating temperature limit under warmer climate conditions (COPd) 2,81 For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd) 2,81 Operating temperature limit of heating water under average climate conditions (WTOL) C 65 Power consumption, off-mode (Poff) W 0 Power consumption, off-mode (Poff) W 54 Power consumption, standby state (PSB) W 9 Power consumption, operating state, with crankcase heating (PCK) W 0 Rated heating output of auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater under average climate conditions (PSUP) Sound power level, indoor dB(A) 43 Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) kWh/a 3017 Annual energy consumption under average climate conditions for medium-temperature applications (QHE) kWh/a 3017 kWh/a | , | | 444,00 |
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| Tj = dual mode temperature under warmer climate conditions (COPd) Tj = operating temperature limit under colder climate conditions (COPd) Tj = operating temperature limit under average climate conditions (COPd) Tj = operating temperature limit under warmer climate conditions (COPd) Tj = operating temperature limit under warmer climate conditions (COPd) For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd) Qperating temperature limit of heating water under average climate conditions (WTOL) Power consumption, off-mode (Poff) Power consumption, thermostat off-mode (PTO) Power consumption, standby state (PSB) Power consumption, operating state, with crankcase heating (PCK) Rated heating output of auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater Output control Sound power level, indoor Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for white average climate conditions for | Tj = dual mode temperature under colder climate conditions (COPd) | | 3,24 |
| Tj = operating temperature limit under colder climate conditions (COPd) Tj = operating temperature limit under average climate conditions (COPd) Tj = operating temperature limit under warmer climate conditions (COPd) Tj = operating temperature limit under warmer climate conditions (COPd) For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd) Operating temperature limit of heating water under average climate conditions (WTOL) Power consumption, off-mode (Poff) Power consumption, thermostat off-mode (PTO) Power consumption, standby state (PSB) Power consumption, operating state, with crankcase heating (PCK) Rated heating output of auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater Output control Sound power level, indoor Annual energy consumption under colder climate conditions for medium-temperature applications (OHE) Annual energy consumption under average climate conditions for medium-temperature applications (OHE) Annual energy consumption under average climate conditions for medium-temperature applications (OHE) Annual energy consumption under average climate conditions for medium-temperature applications (OHE) Annual energy consumption under average climate conditions for medium-temperature applications (OHE) | Tj = dual mode temperature under average climate conditions (COPd) | | 2,81 |
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| Operating temperature limit of heating water under average climate conditions (WTOL) Power consumption, off-mode (Poff) Power consumption, thermostat off-mode (PTO) Power consumption, standby state (PSB) Power consumption, operating state, with crankcase heating (PCK) Rated heating output of auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater Output control Sound power level, indoor Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for kWh/a Annual energy consumption under warmer climate conditions for kWh/a | , | | 2,81 |
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| Power consumption, thermostat off-mode (PTO) Power consumption, standby state (PSB) Power consumption, operating state, with crankcase heating (PCK) Rated heating output of auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater Output control Sound power level, indoor Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for Medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for Medium-temperature applications (QHE) | | °C | 65 |
| Power consumption, standby state (PSB) Power consumption, operating state, with crankcase heating (PCK) Rated heating output of auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater Output control Sound power level, indoor Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for kWh/a Annual energy consumption under warmer climate conditions for kWh/a Annual energy consumption under warmer climate conditions for kWh/a | Power consumption, off-mode (Poff) | W | 0 |
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| Rated heating output of auxiliary heater under average climate conditions (PSUP) Type of energy supply, auxiliary heater Output control Sound power level, indoor Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for kWh/a Annual energy consumption under warmer climate conditions for kWh/a | Power consumption, standby state (PSB) | W | 9 |
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| Output control Sound power level, indoor Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for kWh/a 1967 | 3 1 , 3 | kW | 0,0 |
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| medium-temperature applications (QHE) Annual energy consumption under average climate conditions for medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for kWh/a 1967 | Sound power level, indoor | dB(A) | 43 |
| medium-temperature applications (QHE) Annual energy consumption under warmer climate conditions for kWh/a 1967 | | kWh/a | 4398 |
| 37 ' KWn/a 1967 | | kWh/a | 3017 |
| | 3, 1 | kWh/a | 1967 |
| Flow rate on heat source side m³/h 141 | Flow rate on heat source side | m³/h | 141 |