



ENERGY

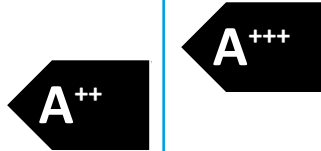
tecalor

TTF 04



55 °C

35 °C



43 dB

0 dB

■ 5	■ 6
■ 4	■ 5
■ 4	■ 5
kW	kW

2019

811/2013

		TTF 04
		190333
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	4
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	5
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	128
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	189
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	2583
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	2002
Sound power level, indoor	dB(A)	43
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	5
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	4
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	5
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	133
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	195
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	126
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	187
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3774
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	2888
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1690
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1310
Sound power level, outdoor	dB(A)	0



ENERGY

tecalor

TTF 04



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

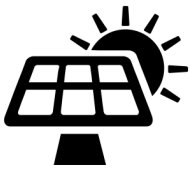
D

E

F

G

+



+



+



+



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

		TTF 04
		190333
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	189
Temperature control class		VII
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	132
Space heating energy efficiency of package under colder climate conditions	%	137
Space heating energy efficiency of package under warmer climate conditions	%	130
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	5
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	2
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 04
		190333
Manufacturer		tecalor
Heat source		Sole
Low temperature heat pump		-
With auxiliary heater		x
Combination heater with heat pump		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	5
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	4
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	4
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4,5
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	4,3
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4,6
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	4,5
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4,3
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4,7
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	4,6
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4,4
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4,7
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	4,7
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4,6
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	4,4
Tj = dual mode temperature under average climate conditions (Pdh)	kW	4,3
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	4,3
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	4,3
Tj = operating temperature limit under average climate conditions (Pdh)	kW	4,3
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	4,3
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	4,3
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)	%	133
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	128
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	126
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3,34
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2,85
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3,73
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3,35
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,72
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		4,09
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		3,73

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3,11
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4,39
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		418,00
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		3,87
Tj = dual mode temperature under colder climate conditions (COPd)		3,12
Tj = dual mode temperature under average climate conditions (COPd)		2,72
Tj = dual mode temperature under warmer climate conditions (COPd)		2,72
Tj = operating temperature limit under colder climate conditions (COPd)		2,72
Tj = operating temperature limit under average climate conditions (COPd)		2,72
Tj = operating temperature limit under warmer climate conditions (COPd)		2,72
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2,72
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	65
Power consumption, off-mode (Poff)	W	0
Power consumption, thermostat off-mode (PTO)	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)	kW	0,0
Type of energy supply, auxiliary heater		elektrisch
Output control		fest
Sound power level, outdoor	dB(A)	0
Sound power level, indoor	dB(A)	43
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3774
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	2583
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1690
Flow rate on heat source side	m ³ /h	115