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tecalor

TTC 7.1 comfort



A+++

A+++

A+

A+

A++

A

A+

B

A

C

B

D

C

E

D

F



37dB



0dB



6 kW

6 kW

6 kW

2019

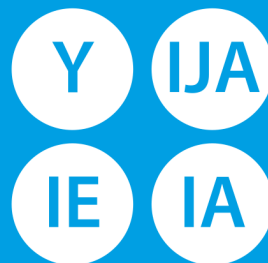
811/2013

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

		TTC 7.1 comfort
		191088
Manufacturer		tecalor
Load profile		XL
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+++
Energy efficiency class, DHW heating under average climate conditions		A+
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	7
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3271
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	2785
Annual power consumption under average climate conditions (AEC)	kWh/a	1272
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	154
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	200
Energy efficiency, DHW heating (η_{wh}), under average climate conditions	%	128
Sound power level, indoor	dB(A)	37
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	6
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	6
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	7
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3828
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	3168
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2083
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1777
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	157
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	210
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	157
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	203
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	203
Sound power level, outdoor	dB(A)	0



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tecador

TTC 7.1 comfort



A+++



A+



A+++

A++

A+

A

B

C

D

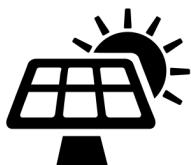
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

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A+

		TTC 7.1 comfort
		191088
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	154
Temperature control class		II
Contribution of temperature control to space heating energy efficiency	%	2
Space heating energy efficiency class under average climate conditions, medium-temperature applications		A+++
Space heating energy efficiency class of package under average climate conditions		A+++
Energy efficiency class, DHW heating under average climate conditions		A+
Load profile		XL

		TTC 7.1 comfort
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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	6
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	6
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3,9
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5,7
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2,4
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	3,5
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	6,4
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2,0
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2,2
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4,1
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2,0
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	2,0
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	1,8
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	6,4
Tj = operating temperature limit under average climate conditions (Pdh)	kW	6,4
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	6,4
Dual mode temperature under colder climate conditions (Tbiv)	°C	-22
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)	%	157
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	154
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	157
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3,82
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		3,10
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4,36
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		4,09
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,82
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		5,63
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4,73
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3,65
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		5,69
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		5,61
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		5,21
Tj = operating temperature limit under colder climate conditions (COPd)		2,82
Tj = operating temperature limit under average climate conditions (COPd)		2,82
Tj = operating temperature limit under warmer climate conditions (COPd)		2,82
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	70
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	70
Operating temperature limit of heating water under warmer climate conditions (WTOL)	°C	70
Power consumption, off-mode (Poff)	W	17
Power consumption, thermostat off-mode (PTO)	W	19
Power consumption, standby state (PSB)	W	17
Type of energy supply, auxiliary heater		elektrisch
Sound power level, outdoor	dB(A)	0
Sound power level, indoor	dB(A)	37

Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3828
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3271
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2083
Flow rate on heat source side	m³/h	1
Load profile		XL
Daily power consumption under colder climate conditions (QELEC)	kWh	5,954
Daily power consumption under average climate conditions (QELEC)	kWh	5,954
Daily power consumption under warmer climate conditions (QELEC)	kWh	5,954
Annual power consumption under average climate conditions (AEC)	kWh/a	1272
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	203
Energy efficiency, DHW heating (η_{wh}), under average climate conditions	%	128