



ENERG

енергия · ενεργεια

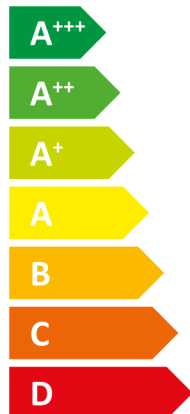


tecalor

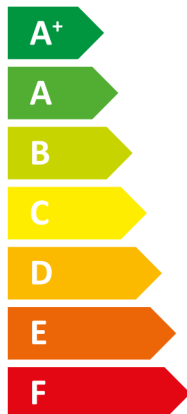
TTC 7.5



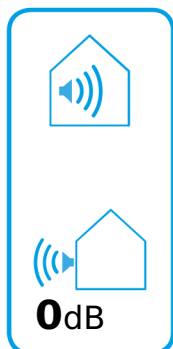
XL



A++



A



- 8 kW
- 9 kW
- 8 kW

2019

811/2013

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

		<b>TTC 7.5</b>
		190929
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	9
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	8
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	4812
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	3318
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ )	%	140
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )	%	191
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	8
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	8
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	8
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	9
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	5445
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	3989
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2498
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	2293
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications ( $\eta_s$ )	%	142
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications ( $\eta_s$ )	%	143
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta_s$ )	%	138
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )	%	140
Sound power level, outdoor	dB(A)	0



# ENERG

енергия · ενέργεια

Y

IJA

IE

IA

## tecalor

TTC 7.5



A<sup>++</sup>



A



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

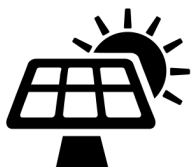
E

F

G

A<sup>+++</sup>

+



+



+



+



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

E

F

G

A

		TTC 7.5
		190929
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ )	%	140
Temperature control class		III
Contribution of temperature control to space heating energy efficiency	%	2
Space heating energy efficiency of package under average climate conditions	%	139
Space heating energy efficiency of package under colder climate conditions	%	143
Space heating energy efficiency of package under warmer climate conditions	%	140
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 7.5
		190929
Manufacturer		tecalor
Low temperature heat pump		-
Combination heater with heat pump		x
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	8
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	9
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	8
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	7,0
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	6,9
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	7,1
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	7,2
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	6,9
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	7,2
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	7,2
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	7,0
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	7,3
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	7,3
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	7,2
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	7,0
Tj = dual mode temperature under average climate conditions (Pdh)	kW	7,0
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	6,9
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	6,9
Tj = operating temperature limit under average climate conditions (Pdh)	kW	6,9
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	6,9
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	6,8
Dual mode temperature under colder climate conditions (Tbiv)	°C	-16
Dual mode temperature under average climate conditions (Tbiv)	°C	-5
Dual mode temperature under warmer climate conditions (Tbiv)	°C	4
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)	%	142
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	140
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	138
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3,51
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		3,04
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3,96
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3,73
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)		4,36
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4,12
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3,36
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4,69
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		4,52
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4,18
Tj = dual mode temperature under colder climate conditions (COPd)		3,22
Tj = dual mode temperature under average climate conditions (COPd)		3,23
Tj = dual mode temperature under warmer climate conditions (COPd)		3,09
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
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2,82
Operating temperature limit under average climate conditions (TOL)	°C	-10
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	4
Power consumption, thermostat off-mode (PTO)	W	7
Power consumption, standby state (PSB)	W	7

Power consumption, operating state, with crankcase heating (PCK)	W	0
Rated heating output of auxiliary heater under colder climate conditions (PSUP)	kW	1,4
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	1,8
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)	kW	1,2
Type of energy supply, auxiliary heater		elektrisch
Sound power level, outdoor	dB(A)	0
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	5445
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	4812
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2498
Flow rate on heat source side	m³/h	126
Load profile		XL
Daily power consumption under colder climate conditions (QELEC)	kWh	7,471
Daily power consumption under average climate conditions (QELEC)	kWh	7,471
Daily power consumption under warmer climate conditions (QELEC)	kWh	7,471