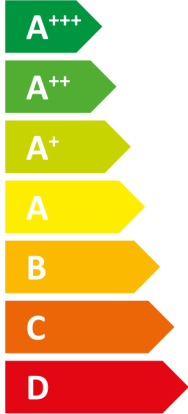
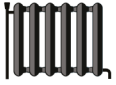




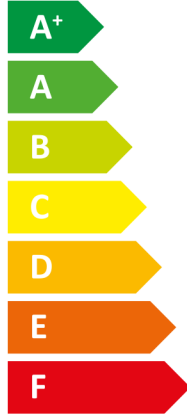
ENERGY

tecalor

THZ 5.5 cool



A++



A

Two icons showing sound power levels. The top icon shows a radiator with sound waves and the text "50dB". The bottom icon shows a water tap with sound waves and the text "50dB".



A legend for power consumption in kW, shown as colored squares: dark blue for 9 kW, medium blue for 6 kW, and light blue for 7 kW.

2019

811/2013

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

		THZ 5.5 cool
		190654
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	6
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3910
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	3052
Annual power consumption under average climate conditions (AEC)	kWh	1676,000
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	129
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	165
Energy efficiency, DHW heating (η_{wh}), under average climate conditions	%	102
Sound power level, indoor	dB(A)	50
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	9
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	9
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	7
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	8174
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	6468
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2420
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1704
Annual power consumption under colder climate conditions (AEC)	kWh	2042,000
Annual power consumption under warmer climate conditions (AEC)	kWh	1183,000
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	103
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	138
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	149
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	207
Sound power level, outdoor	dB(A)	50



ENERGY

THZ 5.5 cool

tecalor

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		THZ 5.5 cool
		190654
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	129
Temperature control class		VI
Contribution of temperature control to space heating energy efficiency	%	4
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	26
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	20
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

		THZ 5.5 cool
		190654
Manufacturer		tecalor
Heat source		Luft
Low temperature heat pump		x
With auxiliary heater		x
Combination heater with heat pump		x
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	9
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	7
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	5,3
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5,5
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3,3
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	3,4
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	2,8
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2,7
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4,5
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3,2
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	3,2
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	3,2
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	5,3
Tj = dual mode temperature under average climate conditions (Pdh)	kW	5,5
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	6,9
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	2,6
Tj = operating temperature limit under average climate conditions (Pdh)	kW	2,7
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	6,9
Dual mode temperature under colder climate conditions (Tbiv)	°C	-7
Dual mode temperature under average climate conditions (Tbiv)	°C	-7
Dual mode temperature under warmer climate conditions (Tbiv)	°C	2
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	103
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	129
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	149
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		2,52
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2,26
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3,50
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3,27
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,50
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		4,56
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4,09
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3,28
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		5,59
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		526,00
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4,98
Tj = dual mode temperature under colder climate conditions (COPd)		2,52
Tj = dual mode temperature under average climate conditions (COPd)		2,26
Tj = dual mode temperature under warmer climate conditions (COPd)		2,50
Tj = operating temperature limit under colder climate conditions (COPd)		2,09
Tj = operating temperature limit under average climate conditions (COPd)		1,88
Tj = operating temperature limit under warmer climate conditions (COPd)		2,50
Operating temperature limit under colder climate conditions (TOL)	°C	-20
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	60
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	60
Operating temperature limit of heating water under warmer climate conditions (WTOL)	°C	60
Power consumption, off-mode (Poff)	W	27

Power consumption, thermostat off-mode (PTO)	W	63
Power consumption, standby state (PSB)	W	27
Power consumption, operating state, with crankcase heating (PCK)	W	35
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	3,5
Type of energy supply, auxiliary heater		elektrisch
Output control		veränderlich
Sound power level, outdoor	dB(A)	50
Sound power level, indoor	dB(A)	50
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	8174
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3910
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2420
Load profile		XL
Annual power consumption under colder climate conditions (AEC)	kWh	2042,000
Annual power consumption under average climate conditions (AEC)	kWh	1676,000
Annual power consumption under warmer climate conditions (AEC)	kWh	1183,000
Energy efficiency, DHW heating (η_{wh}), under average climate conditions	%	102