

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

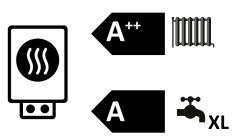
Manufacturer Load profile Load			THZ 5.5 cool
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Annual power consumption under warmer climate conditions (AEC) kWh 1183,000 Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs) Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ηs) Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs) Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs) Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs) Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs) Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs) Seasonal space heating energy efficiency under warmer climate % Energy efficiency, DHW heating (ηwh), warmer climates % 145	9, 1	kWh/a	1704
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conditions for low-temperature applications (ηs)%207Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%207Energy efficiency, DHW heating (ηwh), warmer climates%145		%	149
conditions for low-temperature applications (ηs)%207Energy efficiency, DHW heating (ηwh), warmer climates%145		%	207
		%	207
Sound power level, outdoor dB(A) 50	Energy efficiency, DHW heating (Ŋwh), warmer climates	%	145
	Sound power level, outdoor	dB(A)	50

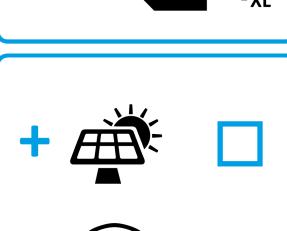


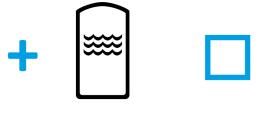
ENERG Y (JA) ehepгия · ενεργεια (Ε) (ΙΑ)

tecalor

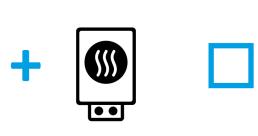
THZ 5.5 cool

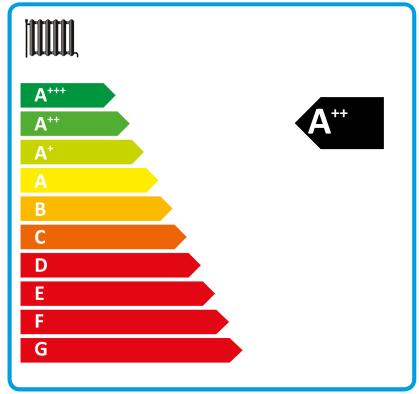


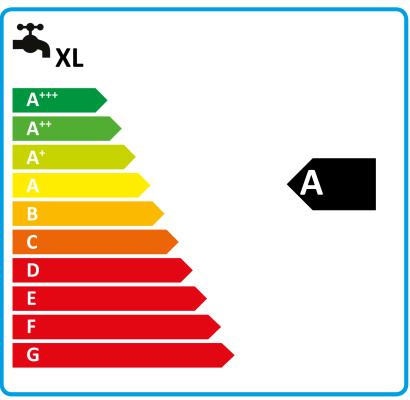












Product datasheet: Combination heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

		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
Space heating energy efficiency of package under average climate conditions	%	132
Space heating energy efficiency of package under colder climate conditions	%	119
Space heating energy efficiency of package under warmer climate conditions	%	145
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

		TH7 E F cool
		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	LAA	
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 wernige climate conditions (Fdh)	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
	kW	6,9
Tj = operating temperature limit under warmer climate conditions (Pdh)	°C	-7
Dual mode temperature under colder climate conditions (Tbiv)		- <i>i</i> -7
Dual mode temperature under average climate conditions (Tbiv)		2
Dual mode temperature under warmer climate conditions (Tbiv)		
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	
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
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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
Daily power consumption under average climate conditions (QELEC)	kWh	7,000
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
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η s)	%	207
Energy efficiency, DHW heating (ηwh), under average climate conditions	%	102
Energy efficiency, DHW heating (ηwh), warmer climates	%	145