

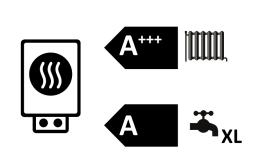
Product datasheet: Combination heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

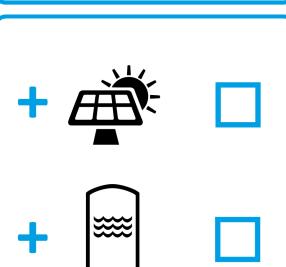
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medium-temperature applications (QHE)kWh/a3583Annual energy consumption under colder climate conditions for low-temperature applications (QHE)kWh/a3570Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)kWh/a2243Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)kWh/a1997Annual power consumption under colder climate conditions (AEC)kWh1556,000Annual power consumption under warmer climate conditions (AEC)kWh1556,000Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Ŋs)%163Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (Ŋs)%204Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (Ŋs)%157Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (Ŋs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (Ŋs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (Ŋs)%108Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (Ŋs)%108Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (Ŋs)%108		kW	8
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medium-temperature applications (QHE)kWh/a2243Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)kWh/a1997Annual power consumption under colder climate conditions (AEC)kWh1556,000Annual power consumption under warmer climate conditions (AEC)kWh1556,000Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)%163Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ηs)%204Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)%157Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108		kWh/a	3570
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Annual power consumption under warmer climate conditions (AEC)kWh1556,000Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)%163Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ηs)%204Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)%157Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Energy efficiency, DHW heating (ηwh), warmer climates%108	9, 1	kWh/a	1997
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)%163Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ηs)%204Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)%157Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Energy efficiency, DHW heating (ηwh), warmer climates%108	Annual power consumption under colder climate conditions (AEC)	kWh	1556,000
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conditions for low-temperature applications (ηs)%204Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)%157Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Energy efficiency, DHW heating (ηwh), warmer climates%108	, , ,	%	163
conditions for medium-temperature applications (ηs)%157Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Energy efficiency, DHW heating (ηwh), warmer climates%108	, , ,	%	204
conditions for low-temperature applications (ηs)%197Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)%108Energy efficiency, DHW heating (ηwh), warmer climates%108		%	157
conditions for low-temperature applications (ηs)%Energy efficiency, DHW heating (ηwh), warmer climates%108		%	197
37 7. 311 7.		%	108
Sound power level, outdoor dB(A) 0	Energy efficiency, DHW heating (Ŋwh), warmer climates	%	108
	Sound power level, outdoor	dB(A)	0

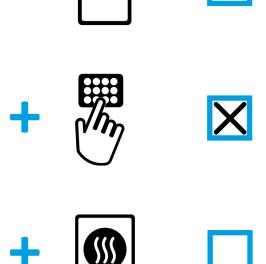


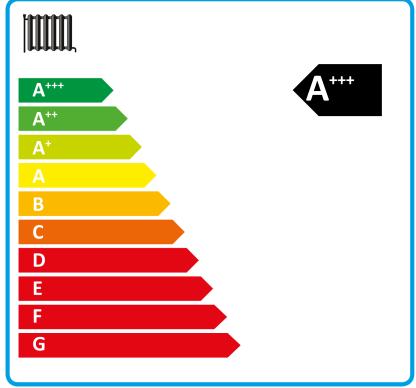
tecalor

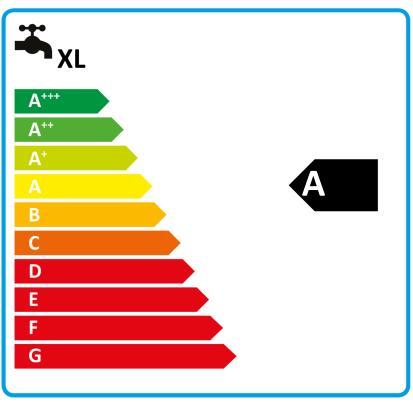
TTC 8.6











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

		TTC 8.6
		190612
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	158
Temperature control class		VII
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	161
Space heating energy efficiency of package under colder climate conditions	%	167
Space heating energy efficiency of package under warmer climate conditions	%	161
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	6
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	0
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

Mendactures Sections Sections			TTC 8.6
Selections recognized refer and proprior contributed by the proprior of the contributed by the proprior of the			190612
The temperature note pump	Manufacturer		tecalor
Substitution protest with test purpor First Hearing corport under collect climate conditions for medium-temperature graphications private more collect climate conditions for medium-temperature graphications private under warrance climate conditions for medium-temperature graphications private, partial load range under collect minimate conditions (Pabl) 17 - 27 Chartage captust, partial load range under collect minimate conditions (Pabl) 17 - 27 Chartage captust, partial load range under collect minimate conditions (Pabl) 17 - 27 Chartage captust, partial load range under collect minimate conditions (Pabl) 17 - 27 Chartage captust, partial load range under warrance climates conditions (Pabl) 17 - 27 Chartage captust, partial load range under warrance climates conditions (Pabl) 17 - 27 Chartage captust, partial load range under warrance climates conditions (Pabl) 17 - 27 Chartage captust, partial load range under warrance climates conditions (Pabl) 18 - 27 Chartage captust, partial load range under warrance climates conditions (Pabl) 19 - 17 Chartage captust, partial load range under warrance climates conditions (Pabl) 19 - 17 Chartage captust, partial load range under warrance climates conditions (Pabl) 19 - 17 Chartage captust, partial load range under warrance climates conditions (Pabl) 19 - 17 Chartage captust, partial load range under warrance climates conditions (Pabl) 19 - 17 - 17 Chartage captust, partial load range under warrance climates conditions (Pabl) 19 - 18 - 18 - 18 - 18 - 18 - 18 - 18 -	Heat source		Sole
Combination heater with heat gains and heating each unit or laber confirmation conditions for medium-temperature applications in Fiscale Anticological processors of Proceed Anticological processors of Proceedings of	Low temperature heat pump		-
Insect Insecting cognitur under colored crimate conditions for medium-temperature applications privated and conditions privated and condit	With auxiliary heater		х
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1-2 °C heating output, partial load range under coleder climate conditions (Pth) W 3.7	Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4,18
13 - 27 Cheating output, partial load range under warner climate conditions (Pdh) NW 6.9 7 - 27 Cheating output, partial load range under warner climate conditions (Pdh) NW 1.6 7 - 27 Cheating output, partial load range under warner climate conditions (Pdh) NW 2.4 7 - 27 Cheating output, partial load range under warner climate conditions (Pdh) NW 4.5 7 - 27 Cheating output, partial load range under warner climate conditions (Pdh) NW 4.5 7 - 27 Cheating output, partial load range under warner climate conditions (Pdh) NW 4.5 1 - 12 Cheating output, partial load range under warner climate conditions (Pdh) NW 1.1 1 - 12 Cheating output, partial load range under warner climate conditions (Pdh) NW 1.1 1 - 12 Cheating output, partial load range under warner climate conditions (Pdh) NW 1.1 1 - 12 Cheating output, partial load range under warner climate conditions (Pdh) NW 2.0 1 - dual mode temperature under conditions (Pdh) NW 6.9 2 - dual mode temperature under warner climate conditions (Pdh) NW 6.9 3 - dual mode temperature under warner climate conditions (Pdh) NW 6.9 4 - operating temperature under warner climate conditions (Pdh) NW 6.9 5 - operating temperature under warner climate conditions (Pdh) NW 6.9 6 - operating temperature under warner climate conditions (Pdh) NW 6.9 7 - operating temperature under warner climate conditions (Pdh) NW 6.9 8 - operating temperature under warner climate conditions (Pdh) NW 6.9 9 - operating temperature under warner climate conditions (Pdh) NW 6.9 10 - operating temperature under warner climate conditions (Pdh) NW 6.9 10 - operating temperature under warner climate conditions (Pdh) NW 6.9 10 - operating temperature under warner climate conditions (Pdh) NW 6.9 10 - operating temperature under warner climate conditions (Pdh) NW 6.9 10 - operating temperature under warner climate conditions (Pdh)	Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	6,1
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19 = 7 to heating output, partial load range under warmer climate conditions (Pdh) NW 1,1	Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1,6
	Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2,4
1 = 12 ° C heating output, partial load range under average climate conditions (Pdh) kW 2.0	Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4,5
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1 = dual mode temperature under colder climate conditions (Pdh)	Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	1,1
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The dual mode temperature under warmer climate conditions (Pdh) The operating temperature limit under colder climate conditions (Pdh) The operating temperature limit under average climate conditions (Pdh) The operating temperature limit under average climate conditions (Pdh) The operating temperature limit under warmer climate conditions (Pdh) The operating temperature limit under warmer climate conditions (Pdh) The operating temperature limit under warmer climate conditions (Tbiv) The operating temperature under warmer climate conditions for medium-temperature under warmer climate conditions for medium-temperature under warmer climate conditions for medium-temperature applications (Th) The operating energy efficiency under warmer climate conditions for medium-temperature applications (Th) The operating energy efficiency under warmer climate conditions for medium-temperature applications (Th) The operating energy efficiency under warmer climate conditions (COPd) The operating energy efficiency under warmer climate conditions (COPd) The operating energy efficiency under warmer climate conditions (COPd) The operating load range under ooder climate conditions (COPd) The operating load range under average climate conditions (COPd) The operating load range under average climate conditions (COPd) The operating load range under warmer climate conditions (COPd) The operating load range under warmer climate conditions (COPd) The operating load range under warmer climate conditions (COPd) The operating load range under warmer climate conditions (COPd) The operating temperature under conder climate conditions (COPd) The operating temperature under conder climate conditions (COPd) The operating temperature limit under evarge climate conditions (COPd) The operating tem	Tj = dual mode temperature under colder climate conditions (Pdh)	kW	6,9
Tj = operating temperature limit under colder climate conditions (Pdh) Tj = operating temperature limit under average climate conditions (Pdh) NW 6,9 Tj = operating temperature limit under awarreg climate conditions (Pdh) NW 6,9 Dual mode temperature under under warrer climate conditions (Pdh) NW 6,9 Dual mode temperature under warrege climate conditions (Pdh) NW 7c 7c 7d Dual mode temperature under warrege climate conditions (Tbiv) 7c 7c 7d Dual mode temperature under warrege climate conditions (Tbiv) 7c 7c 7d Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Ph) NW 7c Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ph) NW 7e Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ph) NW 7e Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ph) NW 7e Tj = -7T CC DP, partial load range under colder climate conditions (COPd) NJ = -7T CC OP, partial load range under colder climate conditions (COPd) NJ = -7T CC OP, partial load range under colder climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under colder climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd) NJ = -7T CC OP, partial load range under warrage climate conditions (COPd)	Tj = dual mode temperature under average climate conditions (Pdh)	kW	6,9
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Tj = operating temperature limit under warmer climate conditions (Pdh) Dual mode temperature under colder climate conditions (Tbiy) C 22 Daul mode temperature under average climate conditions (Tbiy) C 28 Daul mode temperature under average climate conditions (Tbiy) C 28 Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (F) Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (F) Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (F) Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (F) Seasonal space heating energy efficiency under average climate conditions (COPd) Tj = -7 °C COP, partial load range under colder climate conditions (COPd) Tj = -7 °C COP, partial load range under average climate conditions (COPd) Tj = -7 °C COP, partial load range under average climate conditions (COPd) Tj = 2 °C COP, partial load range under average climate conditions (COPd) Tj = 2 °C COP, partial load range under average climate conditions (COPd) Tj = 7 °C COP, partial load range under average climate conditions (COPd) Tj = 7 °C COP, partial load range under average climate conditions (COPd) Tj = 7 °C COP, partial load range under average climate conditions (COPd) Tj = 7 °C COP, partial load range under average climate conditions (COPd) Tj = 7 °C COP, partial load range under average climate conditions (COPd) Tj = 7 °C COP, partial load range under average climate conditions (COPd) Tj = 7 °C COP, partial load range under average climate conditions (COPd) Tj = 12 °C COP, partial load range under average climate conditions (COPd) Tj = 12 °C COP, partial load range under average climate conditions (COPd) Tj = 12 °C COP, partial load range under average climate conditions (COPd) Tj = 12 °C COP, partial load range under average climate conditions (COPd) Tj = 12 °C COP, pa	Tj = operating temperature limit under colder climate conditions (Pdh)	kW	6,9
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Dual mode temperature under warmer climate conditions (Tbiv) C Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Ts) Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ts) Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ts) T] = -7° C COP, partial load range under older climate conditions (COPd) T] = -7° C COP, partial load range under average climate conditions (COPd) T] = -7° C COP, partial load range under average climate conditions (COPd) T] = 2° C COP, partial load range under average climate conditions (COPd) T] = 2° C COP, partial load range under average climate conditions (COPd) T] = 2° C COP, partial load range under average climate conditions (COPd) T] = 7° C COP, partial load range under average climate conditions (COPd) T] = 7° C COP, partial load range under warmer climate conditions (COPd) T] = 7° C COP, partial load range under warmer climate conditions (COPd) T] = 7° C COP, partial load range under colder climate conditions (COPd) T] = 7° C COP, partial load range under colder climate conditions (COPd) T] = 12° C COP, partial load range under warmer climate conditions (COPd) T] = 12° C COP, partial load range under warmer climate conditions (COPd) T] = 12° C COP, partial load range under warmer climate conditions (COPd) T] = 12° C COP, partial load range under warmer climate conditions (COPd) T] = 12° C COP, partial load range under warmer climate conditions (COPd) T] = 10° L L L L L L L L L L L L L L L L L L L	Dual mode temperature under colder climate conditions (Tbiv)	°C	-22
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Operating temperature limit of heating water under colder climate conditions (WTOL) Operating temperature limit of heating water under average climate conditions (WTOL) Operating temperature limit of heating water under warmer climate conditions (WTOL) °C 75 Operating temperature limit of heating water under warmer climate conditions (WTOL)	Operating temperature limit under average climate conditions (TOL)	°C	-10
Operating temperature limit of heating water under average climate conditions (WTOL) °C 75 Operating temperature limit of heating water under warmer climate conditions (WTOL) °C 75	Operating temperature limit under warmer climate conditions (TOL)	°C	2
Operating temperature limit of heating water under warmer climate conditions (WTOL) °C 75	Operating temperature limit of heating water under colder climate conditions (WTOL)	°C	75
	Operating temperature limit of heating water under average climate conditions (WTOL)	°C	75
Power consumption, off-mode (Poff) W 16	Operating temperature limit of heating water under warmer climate conditions (WTOL)	°C	75
	Power consumption, off-mode (Poff)	W	16

Power consumption, thermostat off-mode (PTO)	W	16
Power consumption, standby state (PSB)	W	16
Power consumption, operating state, with crankcase heating (PCK)	W	0
Rated heating output of auxiliary heater under colder climate conditions (PSUP)	kW	0,0
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	0,0
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)	kW	0,0
Type of energy supply, auxiliary heater		elektrisch
Output control	-	veränderlich
Sound power level, outdoor	dB(A)	0
Sound power level, indoor	dB(A)	46
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3985
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3461
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2243
Flow rate on heat source side	m³/h	68
Load profile		XL
Daily power consumption under colder climate conditions (QELEC)	kWh	7,080
Daily power consumption under average climate conditions (QELEC)	kWh	7,080
Daily power consumption under warmer climate conditions (QELEC)	kWh	7,080
Annual power consumption under colder climate conditions (AEC)	kWh	1556,000
Annual power consumption under average climate conditions (AEC)	kWh	1556,000
Annual power consumption under warmer climate conditions (AEC)	kWh	1556,000
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (Γ)s)	%	108
Energy efficiency, DHW heating (ηwh), under average climate conditions	%	108
Energy efficiency, DHW heating (ηwh), warmer climates	%	108