

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

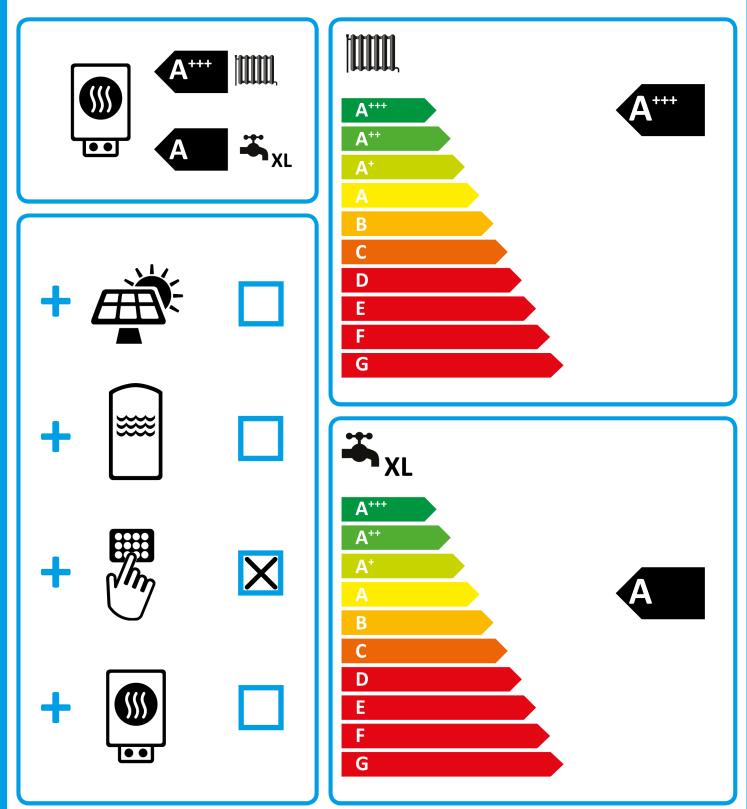
		TTC 6.6
		190611
Manufacturer		tecalor
Load profile		XL
Space heating energy efficiency class under average climate conditions, medium-temperature applications		A+++
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A+++
Energy efficiency class, DHW 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	2988
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	2662
Annual power consumption under average climate conditions (AEC)	kWh	1556,000
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η s)	%	159
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	%	108
Sound power level, indoor	dB(A)	43
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	3439
Annual energy consumption under colder climate conditions for low- temperature applications (QHE)	kWh/a	3069
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1954
Annual energy consumption under warmer climate conditions for low- temperature applications (QHE)	kWh/a	1741
Annual power consumption under colder climate conditions (AEC)	kWh	1556,000
Annual power consumption under warmer climate conditions (AEC)	kWh	1556,000
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η s)	%	166
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (Ŋs)	%	207
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	158
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η s)	%	198
Sound power level, outdoor	dB(A)	0



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tecalor





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		190611
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	159
Temperature control class		VII
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	163
Space heating energy efficiency of package under colder climate conditions	%	169
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	%	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

Dual mode temperature under warmer climate conditions (Tbiv) *C 2 Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Its) % 166 Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (Its) % 159 Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (Its) % 158 T = -7 C COP, partial load range under colder climate conditions (COPd) 4.15 4.15 T = -7 C COP, partial load range under colder climate conditions (COPd) 4.27 4.27 T = 2 C COP, partial load range under colder climate conditions (COPd) 4.28 4.27 T = 2 C COP, partial load range under average climate conditions (COPd) 4.28 4.27 T = 2 C COP, partial load range under average climate conditions (COPd) 4.20 4.33 T = 7 C COP, partial load range under average climate conditions (COPd) 4.27 3.37 T = 7 C COP, partial load range under average climate conditions (COPd) 4.70 4.71 T = 7 C COP, partial load range under average climate conditions (COPd) 4.72 4.72 T = 2 C COP, partial load range under average climate conditions (COPd) 4.76 3.37 T = 2 C COP, part			TTC 6.6
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Combinition heater with heat pany >> Second basis Second basisi			-
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oppications (P rated) NN NN Read basing output, partal load range under colder climate conditions (Ph) NN S 1 - 27 C hasting output, partal load range under colder climate conditions (Ph) NN S 1 - 27 C hasting output, partal load range under colder climate conditions (Ph) NN S 1 - 27 C hasting output, partal load range under colder climate conditions (Ph) NN S 1 - 27 C hasting output, partal load range under colder siltmate conditions (Ph) NN S 1 - 27 C hasting output, partal load range under colder siltmate conditions (Ph) NN S 1 - 27 C hasting output, partal load range under colder siltmate conditions (Ph) NN S 1 - 27 C hasting output, partal load range under client conditions (Ph) NN S 1 - 27 C hasting output, partal load range under client conditions (Ph) NN S 1 - 12 C hasting output, partal load range under client conditions (Ph) NN S 1 - 12 C hasting output, partal load range under client conditions (Ph) NN S 1 - 6 and road temperature under client conditions (Ph) NN S 1 - 6 and road temperature under client conditions (Ph) NN S		kW	6
applications (Preed) No Applications (Preed) No 1, -7 - Chanding output, partial load range under coller climate conditions (Phi) Nov 3.5. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.5. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov 3.6. 1, -2 - Chanding output, partial load range under average climate conditions (Phi) Nov <td></td> <td>kW</td> <td>6</td>		kW	6
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19 27 Chaining output, partial load range under average dimate conditions (Pdh) KW 22 19 27 Chaining output, partial load range under average dimate conditions (Pdh) KW 0.0 19 27 Chaining output, partial load range under average dimate conditions (Pdh) KW 0.0 19 27 Chaining output, partial load range under average climate conditions (Pdh) KW 0.1 19 27 Chaining output, partial load range under average climate conditions (Pdh) KW 0.3 19 21 Chaining output, partial load range under average climate conditions (Pdh) KW 0.1 11 12 12 Chaining output, partial load range under average climate conditions (Pdh) KW 0.0 11 -12 Chaining output, partial load range under average climate conditions (Pdh) KW 0.0 11 -12 Chaining output, partial load range under average climate conditions (Pdh) KW 0.0 11 -12 Chaining output, partial load range under average climate conditions (Pdh) KW 0.0 11 -12 Chaining output, partial load range under average climate conditions (Pdh) KW 0.0	Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3,65
19 2 C keeling output, partial load range under average climate conditions (Pdh) NW 40 19 2 C keeling output, partial load range under average climate conditions (Pdh) NW 40 17 2 C keeling output, partial load range under average climate conditions (Pdh) NW 41.4 17 2 C keeling output, partial load range under average climate conditions (Pdh) NW 43.8 17 12 C keeling output, partial load range under average climate conditions (Pdh) NW 43.9 17 12 C keeling output, partial load range under average climate conditions (Pdh) NW 40.9 17 12 C keeling output, partial load range under average climate conditions (Pdh) NW 40.0 17 12 data node temperature under average climate conditions (Pdh) NW 40.0 17 4 data node temperature limit under average climate conditions (Pdh) NW 40.0 17 - operating temperature limit under average climate conditions (Pdh) NW 40.0 17 - operating temperature limit under average climate conditions (Pdh) NW 40.0 17 - operating temperature limit under average climate conditions (Pdh) NW 40.	Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5,3
III = 2* C heating output, partial load range under warmer climate conditions (Pdh) IV 6.0 III = 7 C heating output, partial load range under average climate conditions (Pdh) IVV 0.1 III = 7 C heating output, partial load range under average climate conditions (Pdh) IVV 0.1 III = 7 C heating output, partial load range under average climate conditions (Pdh) IVV 0.1 III = 12 C heating output, partial load range under average climate conditions (Pdh) IVV 0.1 III = 12 C heating output, partial load range under average climate conditions (Pdh) IVV 0.1 III = 12 C heating output, partial load range under average climate conditions (Pdh) IVV 0.6 III = 4ai node temperature under average climate conditions (Pdh) IVV 0.6 III = 6ai node temperature under average climate conditions (Pdh) IVV 0.6 III = 6ai node temperature under average climate conditions (Pdh) IVV 0.6 III = operating temperature under average climate conditions (Pdh) IVV 0.6 III = operating temperature under average climate conditions (Pdh) IVV 0.6 III = operating temperature under average climate conditions (Pdh) IVV 0.6 Daal mode temperature under average climate conditions (Pdh) IVV	Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2,2
III = 7C Kealing output, partial load range under colder climate conditions (Pah) IV IV III = 7C Kealing output, partial load range under average dimate conditions (Pah) IVV IVV III = 7C Kealing output, partial load range under average dimate conditions (Pah) IVV IVV III = 2C Kealing output, partial load range under average dimate conditions (Pah) IVV IVV III = 2C Kealing output, partial load range under average dimate conditions (Pah) IVV IVV III = 2C Kealing output, partial load range under average dimate conditions (Pah) IVV IVV IVV III = dual roade temperature under colder climate conditions (Pah) IVV IVV IVV IVV III = dual roade temperature under average climate conditions (Pah) IVV IVV IVVV IVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	3,2
III = 7 °C heating output, partial load range under average climate conditions (Pdh) WW 3.9 III = 2 °C heating output, partial load range under average climate conditions (Pdh) WW 3.1 III = 2 °C heating output, partial load range under average climate conditions (Pdh) WW 3.1 III = 2 °C heating output, partial load range under average climate conditions (Pdh) WW 3.1 III = 2 °C heating output, partial load range under average climate conditions (Pdh) WW 6.0 III = 4 auti mode temperature under average climate conditions (Pdh) WW 6.0 III = dual mode temperature under average climate conditions (Pdh) WW 6.0 III = operating temperature limit under colder climate conditions (Pdh) WW 6.0 III = operating temperature limit under colder climate conditions (Pdh) WW 6.0 III = operating temperature limit under colder climate conditions (Pdh) WW 6.0 Daal mode temperature under average climate conditions (Pdh) WW 6.0 Daal mode temperature under average climate conditions from edum- temperature applications (Ph) WW 6.0 Daal mode temperature under average climate conditions from edum- temperature applications (Ph) WW 6.0 Daal mode temperature under average climate conditions for med	Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	6,0
II = 7 °C heating output, partial load range under warmer climate conditions (Pdh) WW 1.1 II = 12 °C heating output, partial load range under average climate conditions (Pdh) WW 1.1 II = 12 °C heating output, partial load range under wares (insta conditions (Pdh) WW 1.1 II = 12 °C heating output, partial load range under wares (insta conditions (Pdh) WW 6.0 II = dual mode temperature under outer colder climate conditions (Pdh) WW 6.0 II = operating temperature limit under average climate conditions (Pdh) WW 6.0 II = operating temperature limit under average climate conditions (Pdh) WW 6.0 II = operating temperature limit under average climate conditions (Pdh) WW 6.0 II = operating temperature limit under average climate conditions (Pdh) WW 6.0 Daal mode temperature under average climate conditions (Tbh) °C 72 Daal mode temperature under average climate conditions for medium-temperature applications (Fi) °C 73 Daal mode temperature under average climate conditions for medium-temperature applications (Fi) °C 72 Daal mode temperature under average climate conditions for medium-temperature applications (Fi) °C 72 Daal mode temperature applications (Fi) °	Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1,4
T1 = 12* Chaiting output, partial load range under average (ilmate conditions (Pdh) WW 1,1 T1 = 12* Chaiting output, partial load range under average (ilmate conditions (Pdh) WW 1,7 T1 = 12* Chaiting output, partial load range under average (ilmate conditions (Pdh) WW 6,0 T1 = output fill and de temperature under output, partial load range under average (ilmate conditions (Pdh) WW 6,0 T1 = output fill and de temperature under output conditions (Pdh) WW 6,0 T1 = output fill and de temperature under output conditions (Pdh) WW 6,0 T1 = output fill and de temperature under output conditions (Pdh) WW 6,0 T1 = output fill and de temperature under output conditions (Pdh) WW 6,0 Dual mode temperature under output conditions (Pdh) WW 6,0 -22 Dual mode temperature under output conditions (Tbh) °C -22 -2 <t< td=""><td>Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)</td><td>kW</td><td>2,1</td></t<>	Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2,1
IJ = 12 °C heating output, partial load range under average climate conditions (Pdh) kw 1,1 IJ = 12 °C heating output, partial load range under average climate conditions (Pdh) kw 6.0 IJ = dual mode temperature under outpet conditions (Pdh) kw 6.0 IJ = operantit gemerature under outpet conditions (Pdh) kw 6.0 IJ = operantit gemerature limit under coder climate conditions (Pdh) kw 6.0 IJ = operantit gemerature limit under average climate conditions (Pdh) kw 6.0 Dai mode temperature limit under average climate conditions (Pdh) kw 6.0 Dai mode temperature limit under average climate conditions (Pdh) kw 6.0 Dai mode temperature under wormer climate conditions (Pdh) kw 6.0 Dai mode temperature under wormer climate conditions (Pdh) kw 6.0 Dai mode temperature under wormer climate conditions (Pdh) * 6.0 Dai mode temperature under wormer climate conditions (Pdh) * 6.0 Dai mode temperature under wormer climate conditions (Thw) * C 2.0 Seasonal space heating energy efficiency under average climate conditions (COP4) 4.15 1.5 1.5 Ti = -7 CCOP, partial load range under average climate	Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	3,9
I = 12 °C heating output, partial load range under warmer climate conditions (Pdh) KW 1,7 I = dual mode temperature under average climate conditions (Pdh) KW 6,0 I = dual mode temperature under average climate conditions (Pdh) KW 6,0 I = oparating temperature limit under colder climate conditions (Pdh) KW 6,0 I = oparating temperature limit under average climate conditions (Pdh) KW 6,0 Dual mode temperature limit under average climate conditions (Pdh) KW 6,0 Dual mode temperature limit under average climate conditions (Pdh) KW 6,0 Dual mode temperature under average climate conditions (Pdh) KW 6,0 Dual mode temperature under average climate conditions (Pdh) KW 6,0 Dual mode temperature under average climate conditions (Tbi) °C -10 Sessonal space heating energy efficiency under average climate conditions for medium- temperature applications (I) % 159 Sessonal space heating energy efficiency under average climate conditions (CDPd) 4,55 159 I = 2 °C COP, partial load range under average climate conditions (CDPd) 4,52 159 I = 2 °C COP, partial load range under average climate conditions (CDPd) 4,52 17 °C COP, partial load range under avera	Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1,1
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I) = dual mode temperature under average climate conditions (Pdh) kW 6.0 I) = dual mode temperature under varmer climate conditions (Pdh) kW 6.0 I) = operating temperature limit under average climate conditions (Pdh) kW 6.0 I) = operating temperature limit under average climate conditions (Pdh) kW 6.0 I) = operating temperature limit under average climate conditions (Pdh) kW 6.0 Daal mode temperature under observage climate conditions (Tbiy) °C .222 Daal mode temperature under average climate conditions (Tbiy) °C .223 Sessonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Tsi) % .166 Sessonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Ts) % .159 Sessonal space heating energy efficiency under colder climate conditions (CoPd) .355 .15 .15 I] = -7 * CCOP, partial load range under colder climate conditions (COPd) .345 .34 .34 I] = -7 * CCOP, partial load range under colder climate conditions (COPd) .347 .37 .37 .37 .37 .34 .37 .37 .37 .37 .37 .37 .37 <	Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	1,7
I) = dual mode temperature under warmer climate conditions (Pdh) kw 6.0 I] = operating temperature limit under colder climate conditions (Pdh) kw 6.0 I] = operating temperature limit under warmer climate conditions (Pdh) kw 6.0 I] = operating temperature limit under warmer climate conditions (Pdh) kw 6.0 Dual mode temperature under average climate conditions (Tbi) °C .22 Dual mode temperature under average climate conditions for medium-temperature applications (IIs) °C .21 Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (IIs) °C .21 Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (IIs) % .15 Seasonal space heating energy efficiency under average climate conditions (COPd) .415 .415 I] = 2 ° CCOP, partial load range under average climate conditions (COPd) .427 .427 I] = 2 ° CCOP, partial load range under average climate conditions (COPd) .427 .427 I] = 2 ° CCOP, partial load range under average climate conditions (COPd) .427 .427 I] = 2 ° CCOP, partial load range under colder climate conditions (COPd) .427 .427 I] = 2 ° CCOP, partial load range u	Tj = dual mode temperature under colder climate conditions (Pdh)	kW	6,0
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I = operating temperature limit under warmer climate conditions (Péh) WW 6.0 Dual mode temperature under average climate conditions (Tbiv) °C	Tj = operating temperature limit under colder climate conditions (Pdh)	kW	6,0
Dual mode temperature under older climate conditions (Tbiv) *C -22 Dual mode temperature under average climate conditions (Tbiv) *C -10 Dual mode temperature under average climate conditions (Tbiv) *C -22 Seasonal space heating energy efficiency under colder climate conditions for medium- temperature applications (Tb) % 156 Seasonal space heating energy efficiency under average climate conditions for medium- temperature applications (Tb) % 158 Seasonal space heating energy efficiency under average climate conditions for medium- temperature applications (Tb) % 158 Seasonal space heating energy efficiency under average climate conditions (COPd) 4,115 158 T = -7 * COP, partial load range under colder climate conditions (COPd) 4,22 4,22 T = -7 * COP, partial load range under average climate conditions (COPd) 4,27 4,28 4,28 T = -7 * COP, partial load range under colder climate conditions (COPd) 4,20 4,27 4,27 T = -7 * COP, partial load range under colder climate conditions (COPd) 4,27 4,27 4,27 4,27 T = -7 * COP, partial load range under average climate conditions (COPd) 4,27 4,27 4,27 4,27 T = -7 * COP, partial load range under average climate	Tj = operating temperature limit under average climate conditions (Pdh)	kW	6,0
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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 of heating water under warmer climate conditions (WTOL) °C 75			
Power consumption, off-mode (Poff) W 16			
	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)	43
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3439
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	2988
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1954
Flow rate on heat source side	m³/h	6
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
Energy efficiency, DHW heating (Ŋwh), under average climate conditions	%	108