

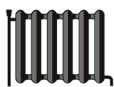


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tecalor

TTF 59.5



55 °C

35 °C

A+++

A+++

A+++

A++

A+

A

B

C

D



43 dB



0 dB

■ 55

■ 55

■ 55

kW

■ 60

■ 60

■ 60

kW



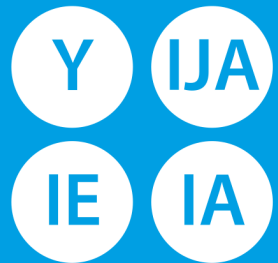
2019

811/2013

		TTF 59.5
		190780
Manufacturer		tecalor
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+++
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	55
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	60
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	155
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	200
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	28063
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	23714
Sound power level, indoor	dB(A)	43
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	55
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	60
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	55
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	60
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	160
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	204
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	157
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	203
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	32491
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	27759
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	17857
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	15055
Sound power level, outdoor	dB(A)	0

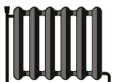


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tecalor

TTF 59.5



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

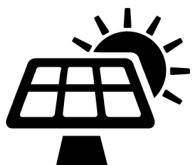
D

E

F

G

+



+



+



+



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

		TTF 59.5
		190780
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	200
Temperature control class		II
Contribution of temperature control to space heating energy efficiency	%	2
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	5
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	2
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A+++
Space heating energy efficiency class of package under average climate conditions		A+++

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

		TTF 59.5
		190780
Manufacturer		tecalor
Heat source		Sole
With auxiliary heater		-
Combination heater with heat pump		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	55
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	55
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	55
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	33,9
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	49,0
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	20,4
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	29,8
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	55,3
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	16,4
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	19,2
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	35,6
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	16,4
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	16,3
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	15,8
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	55,3
Tj = dual mode temperature under average climate conditions (Pdh)	kW	9,9
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	55,3
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	55,3
Tj = operating temperature limit under average climate conditions (Pdh)	kW	55,3
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	55,3
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	55,3
Dual mode temperature under colder climate conditions (Tbiv)	°C	-22
Dual mode temperature under average climate conditions (Tbiv)	°C	-10
Dual mode temperature under warmer climate conditions (Tbiv)	°C	2
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)	%	160
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	155
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	157
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3,85
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		3,01
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4,59
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		4,11
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,77
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		4,85
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4,66
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3,69

Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4,88
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		484,00
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4,85
Tj = dual mode temperature under colder climate conditions (COPd)		2,77
Tj = dual mode temperature under average climate conditions (COPd)		2,77
Tj = dual mode temperature under warmer climate conditions (COPd)		2,77
Tj = operating temperature limit under colder climate conditions (COPd)		2,77
Tj = operating temperature limit under average climate conditions (COPd)		2,77
Tj = operating temperature limit under warmer climate conditions (COPd)		2,77
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2,36
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	65
Power consumption, off-mode (Poff)	W	9
Power consumption, thermostat off-mode (PTO)	W	11
Power consumption, standby state (PSB)	W	18
Power consumption, operating state, with crankcase heating (PCK)	W	0
Rated heating output of auxiliary heater under average 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	32491
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	28063
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	17857
Flow rate on heat source side	m³/h	1238