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tecalor

TTF 85.6 l topline



55 °C

35 °C



A+++

A+++



50 dB



0 dB

■ 81

■ 81

■ 81

kW

■ 84

■ 84

■ 84

kW



2019

811/2013

		TTF 85.6 l topline
		191015
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	81
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	84
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)	%	202
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	40141
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	33054
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	81
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	84
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	81
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	84
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 (η_s)	%	209
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	158
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	46029
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	38123
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	26114
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	21295
Sound power level, outdoor	dB(A)	0



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TTF 85.6 l topline



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

A⁺⁺⁺

+



+



+



+



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

		TTF 85.6 I topline
		191015
Manufacturer		tecalor
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	202
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	%	8
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	3
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 85.6 I topline
		191015
Manufacturer		tecalor
Heat source		Sole
Low temperature heat pump		-
With auxiliary heater		-
Combination heater with heat pump		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	81
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	81
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	81
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	49,2
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	71,9
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	29,1
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	43,8
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	81,3
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	23,1
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	28,1
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	52,3
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	23,2
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	23,0
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	23,2
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	81,3
Tj = dual mode temperature under average climate conditions (Pdh)	kW	81,3
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	81,3
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	81,3
Tj = operating temperature limit under average climate conditions (Pdh)	kW	81,3
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	81,3
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	79,0
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)	%	166
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	159
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	158
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3,92
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		3,15
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4,84
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		4,15
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,91
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		5,00
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4,91

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)		5,06
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		4,94
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4,87
Tj = dual mode temperature under colder climate conditions (COPd)		2,91
Tj = dual mode temperature under average climate conditions (COPd)		2,91
Tj = dual mode temperature under warmer climate conditions (COPd)		2,91
Tj = operating temperature limit under colder climate conditions (COPd)		2,91
Tj = operating temperature limit under average climate conditions (COPd)		2,91
Tj = operating temperature limit under warmer climate conditions (COPd)		2,91
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2,36
Operating temperature limit of heating water under colder climate conditions (WTOL)	°C	65
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	65
Operating temperature limit of heating water under warmer 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	11
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)	50
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	46029
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	40141
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	26114
Flow rate on heat source side	m³/h	1879