ENERGY

Tatramat SolvisVaero 8 kW

	55 °C	35 °C
	A+	A++

A+++
A++
A+
A
B
C
D

	55 °C	35 °C
	10	9
	9	**9**
	8	8
	kW	kW

2019 811/2013

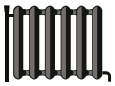
Product datasheet: Room heater to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)

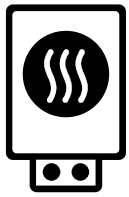
		SolvisVaero 8 kW
		231554
Manufacturer		Tatramat
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+
Energy efficiency class for central heating in moderate climates for low temperature applications		A++
Rated heating output in moderate climates for average temperature applications (Prated)	kW	9
Rated heating output in moderate climates for low temperature applications (Prated)	kW	9
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	117
Seasonal room heating efficiency in moderate climates for low temperature applications (Ƞs)	%	153
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	6084
Annual energy consumption in moderate climates for low temperature applications (QHE)	kWh/a	4624
Rated heating output in colder climates for average temperature applications (Prated)	kW	10
Rated heating output in colder climates for low temperature applications (Prated)	kW	9
Rated heating output in warmer climates for average temperature applications (Prated)	kW	8
Rated heating output in warmer climates for low temperature applications (Prated)	kW	8
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	111
Seasonal room heating efficiency in colder climates for low temperature applications (Ƞs)	%	141
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	127
Seasonal room heating efficiency in warmer climates for low temperature applications (Ƞs)	%	167
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	8316
Annual energy consumption in colder climates for low temperature applications (QHE)	kWh/a	6348
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	3176
Annual energy consumption in warmer climates for low temperature applications (QHE)	kWh/a	2498

ENERGY

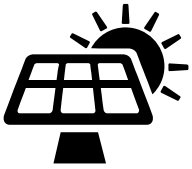
Tatramat

SolvisVaero 8 kW





A+

+  ☐

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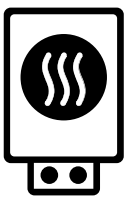
+  ☐

A+++

A++

A+

A

B

C

D

E

F

G

A+

2015

811/2013

Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)

		SolvisVaero 8 kW
		231554
Manufacturer		Tatramat
Seasonal room heating efficiency in moderate climates for average temperature applications (Πs)	%	117
Temperature controller class		VII
Contribution of temperature controller to room heating energy efficiency	%	3.5
Room heating energy efficiency of composite system under moderate climatic conditions	%	121
Room heating energy efficiency of composite system under colder climatic conditions	%	115
Room heating energy efficiency of composite system under warmer climatic conditions	%	144
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	6
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	10
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+
Room heating energy efficiency class of composite system under moderate climatic conditions		A+

Required details about room heater and combi heater with heat pump to regulation (EU) no. 813/2013 & 811/2013

		SolvisVaero 8 kW
		231554
Manufacturer		Tatramat
Heat source		Outside air
With booster heater		x
Combi boiler with heat pump		-
Rated heating output in colder climates for average temperature applications (Prated)	kW	10
Rated heating output in moderate climates for average temperature applications (Prated)	kW	9
Rated heating output in warmer climates for average temperature applications (Prated)	kW	8
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6.9
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7.8
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	8.7
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9.2
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	7.1
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	6.7
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	6.4
Dual mode temperature in moderate climates (Tbiv)	°C	-5
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	111
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	117
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	127
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2.38
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		2.99
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		3.79
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4,64
Tj = dual mode temperature under moderate climatic conditions (COPd)		2.52
Tj = operating temperature limit under moderate climatic conditions (COPd)		2.21
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		1.98
Heating water operating temperature limit (WTOL)	°C	0
Power consumption, OFF state (Poff)	W	7
Power consumption, thermostat OFF state (PTO)	W	7
Standby power consumption (PSB)	W	7
Power consumption, operating state, with crankcase heating (PCK)	W	62
Booster heater heating output (PSUB)	kW	2.1
Type of energy supply, booster heater		electric
Power control		Fixed
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	8316
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	6084
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	3176