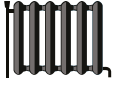




# ENERGY

**Tatramat** SolvisVaero 8 kW



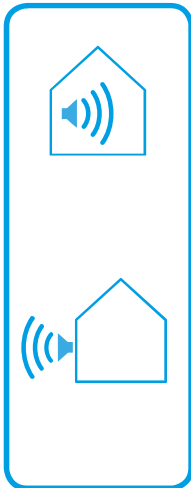
55 °C

35 °C



A+

A++



■ 10  
■ 9  
■ 8  
kW

■ 9  
■ 9  
■ 8  
kW



2019

811/2013

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

		<b>SolvisVaero 8 kW</b>
		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 ( $\eta_s$ )	%	117
Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )	%	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 ( $\eta_s$ )	%	111
Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )	%	141
Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )	%	127
Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )	%	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<sup>+</sup>**

**A<sup>+++</sup>**

**A<sup>++</sup>**

**A<sup>+</sup>**

**A<sup>+</sup>**

**A**

**B**

**C**

**D**

**E**

**F**

**G**

+



+



+



+



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

		<b>SolvisVaero 8 kW</b>
		231554
Manufacturer		Tatramat
Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ )	%	117
Temperature controller class		VII
Contribution of temperature controller to room heating energy efficiency	%	3
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**

		<b>SolvisVaero 8 kW</b>
		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 (ηs)	%	111
Seasonal room heating efficiency in moderate climates for average temperature applications (ηs)	%	117
Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)	%	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 in moderate climate (Psup)	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