
STRATUS
by GENAQ
Water
from
Air

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by GENAQ

GENAQ Stratus generators are designed in a water dispenser format to supply the purest water in public premises and homes.

Get rid of bottled water and generate your own water, at a low cost, free of chemicals and in a sustainable way.

APPLICATIONS

Offices
Hotels
Restaurants
Homes
Hospitals
Public premises
Etc.





STRATUS S50

by GENAQ

50 liters per day

0.9 kW



0.39 kWh/liter

Cold water & IoT available

Pure Water

Sustainable

Efficient

Plug & Drink

Autonomous

Generation (liters per day)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	61	60	57	55	46	35	22	19
90	59	56	55	55	46	35	22	17
80	56	54	52	52	43	33	21	13
70	54	54	52	47	38	26	17	9
60	50	51	47	40	29	21	13	
50	43	43	37	29	22	15	7	
40	31	30	25	20	14	7		
30	20	19	15	11	6			
20	14	13	12	11				

Consumption (kWh per liter)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	0.49	0.47	0.46	0.42	0.47	0.57	0.76	0.80
90	0.47	0.45	0.42	0.39	0.46	0.52	0.69	0.80
80	0.45	0.42	0.41	0.39	0.44	0.50	0.67	0.94
70	0.42	0.40	0.39	0.41	0.45	0.57	0.73	1.25
60	0.42	0.40	0.41	0.44	0.53	0.65	0.87	
50	0.46	0.44	0.47	0.55	0.64	0.82	1.49	
40	0.62	0.59	0.64	0.72	0.89	1.53		
30	0.86	0.84	0.96	1.16	1.94			
20	1.10	1.10	1.15	1.20				

Data measured in Climate Chamber, audited and certified.
Generation may be affected by factors such as height, filter cleaning, wind, etc.

Features

GENAQ Stratus S50	Version	**3.8**
	Dimensions (Height x Width x Depth)	**1505 x 400 x 530 mm**
	Weight	**115 kg**
	Dimensions with reinforced packaging (Height x Width x Depth)	**1740 x 600 x 830 mm**
	Weight with reinforced packaging	**176 kg**
	Color	**White**
	Manufactured in galvanized steel sheet structure with polyester paint of high resistance to corrosion	
Performance	Nominal Generation, at 30 °C and 80 % RH (±10 %)	**52 l/day**
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	**0.39 kWh/l**
	Specific generation, at 23 °C and 60 % RH (±10 %)	**29 l/day**
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	**0.53 kWh/l**
	Pressure sound level at 1m	**62 dB(A)**
Power Supply	Power Supply (Other Voltages Available)	**230V-I-50Hz**
	Nominal Power	**0.9 kW**
	Specific power	**0.7 kW**
	Plug/Socket	**Type F**
Refrigerant Circuit	Refrigerant	**R134a**
	Evaporation coil built in copper tubes and aluminum fins	
	Condensation coil built in copper tubes and aluminum fins	
Air Circuit	Nominal Air Flow	**350 m^3/h**
	Air Prefilter	**G3 prefilter**
	Air Filter	**F7 air filter**
Hydraulic Circuit	Food grade low density lineal polyethylene tube	
	Nominal Water Flow	**1 l/min**
	Internal Water Storage	**15 l**
	External Water Tank Compatibility	**No**
	Water Treatment	**Sediment Filter, Activated Carbon Filter, Ultrafiltration Filter, Zeolite Filter, Mineralization Filter and UV lamp**
Control and Electrical Circuit	Control	**Emerson PLC, Dixell IPG208D-10021**
	Display	**VTIPG Touchscreen**
	IoT	**Optional**
	Electrical and control panel with thermal, magnetothermal and differential protection	
	Safety, Alarms, Operating and Defrosting Cycles Control	
Safety Devices	Protection against refrigerant pressure abnormal levels for high and low pressure	
	Automatic resetting thermal protections in the compressor and motor fan	
	Protection fuses and electrical panel's general grounding	
Limits	Temperature Limits	**10 °C to 45 °C**
	Relative Humidity Limits	**10 % to 100 %**
	Storage Limit	**-15 °C to 70 °C**

Optional	Alternative Power Supply	Alternative Color
	Marine Environment	Solar Compatibility
	Consumables Kit	Spare Parts Kit
	WaterSanit	Plug/Socket Type
	Water Cooling/Heating	

STRATUS S200

by GENAQ

170 liters per day

1.6 kW

0.22 kWh/liter

External tank compatible



Pure Water

Sustainable

Efficient

Plug & Drink

Autonomous

Generation (liters per day)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	180	185	190	202	156	126	99	79
90	175	179	182	183	148	119	91	75
80	167	171	175	170	140	113	83	51
70	160	164	153	148	125	101	72	38
60	143	146	139	126	110	88	52	
50	105	107	103	92	85	68	36	
40	76	77	71	65	59	46		
30	60	58	52	48	45			
20	48	45	40	36				

Consumption (kWh per liter)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	0.28	0.26	0.24	0.22	0.27	0.30	0.32	0.35
90	0.28	0.26	0.24	0.22	0.27	0.29	0.32	0.35
80	0.28	0.26	0.24	0.22	0.26	0.29	0.32	0.42
70	0.29	0.27	0.27	0.25	0.29	0.31	0.35	0.50
60	0.32	0.30	0.29	0.28	0.32	0.35	0.47	
50	0.42	0.40	0.38	0.37	0.39	0.40	0.58	
40	0.57	0.55	0.53	0.51	0.51	0.59		
30	0.68	0.68	0.68	0.65	0.62			
20	0.80	0.80	0.80	0.80				

Data measured in Climate Chamber, audited and certified.
Generation may be affected by factors such as height, filter cleaning, wind, etc.

Features

GENAQ Stratus S200	Version	**3.1**
	Dimensions (Height x Width x Depth)	**1905 x 600 x 800 mm**
	Weight	**190 kg**
	Dimensions with reinforced packaging (Height x Width x Depth)	**2190 x 770 x 910 mm**
	Weight with reinforced packaging	**292 kg**
	Color	**White**
	Manufactured in galvanized steel sheet structure with polyester paint of high resistance to corrosion	
Performance	Nominal Generation, at 30 °C and 80 % RH (±10 %)	**170 l/day**
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	**0.22 kWh/l**
	Specific generation, at 23 °C and 60 % RH (±10 %)	**110 l/day**
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	**0.32 kWh/l**
	Pressure sound level at 1m	**65 dB (A)**
Power Supply	Power Supply (Other Voltages Available)	**230V-I-50Hz**
	Nominal Power	**1.6 kW**
	Specific power	**1.5 kW**
	Plug/Socket	**Type F**
Refrigerant Circuit	Refrigerant	**R134a**
	Evaporation coil built in copper tubes and aluminum fins	
	Condensation coil built in copper tubes and aluminum fins	
Air Circuit	Nominal Air Flow	**F1: 650 m^3/h ; F2: 1200 m^3/h**
	Air Prefilter	**60 ppi prefilter**
	Air Filter	**F7 air filter**
Hydraulic Circuit	Food grade low density lineal polyethylene tube	
	Nominal Water Flow	**P1: 1 l/min ; P2: 11 l/min**
	Internal Water Storage	**16.5 l**
	External Water Tank Compatibility	**Maximum 200 l with recirculation**
	Water Treatment	**Sediment Filter, Activated Carbon Filter, Ultrafiltration Filter, Zeolite Filter, Mineralization Filter and UV lamp**
Control and Electrical Circuit	Control	**Emerson PLC, Dixell IPG208D-10021**
	Display	**Operation indicators and access via Wireless Control**
	IoT	**Optional**
	Electrical and control panel with thermal, magnetothermal and differential protection	
	Safety, Alarms, Operating and Defrosting Cycles Control	
Safety Devices	Protection against refrigerant pressure abnormal levels for high and low pressure	
	Automatic resetting thermal protections in the compressor and motor fan	
	Protection fuses and electrical panel's general grounding	
Limits	Temperature Limits	**10 °C to 45 °C**
	Relative Humidity Limits	**10 % to 100 %**
	Storage Limit	**-15 °C to 70 °C**

Optional	Alternative Power Supply	Alternative Color
	Marine Environment	Solar Compatibility
	Consumables Kit	Spare Parts Kit
	WaterSanit	Plug/Socket Type
	Water Cooling/Heating	