

STRATUS
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
- Others



STRATUS S50

by GENAQ

59 liters per day

0.79 kW

0.32 kWh/liter

Cold water & IoT



Pure Water

Sustainability

Efficiency

Plug & Drink

Autonomy

Generation (liters per day)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	69	67	66	63	57	49	38	27
90	68	66	64	62	55	47	35	24
80	63	62	61	59	52	46	33	21
70	60	59	56	52	47	39	26	13
60	55	54	51	47	42	29	15	
50	50	49	46	39	33	22	9	
40	42	41	39	33	25	12		
30	34	33	29	22	13			
20	28	26	22	17				

Consumption (kWh per liter)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	0.39	0.38	0.37	0.34	0.35	0.35	0.42	0.54
90	0.36	0.35	0.34	0.33	0.33	0.34	0.40	0.53
80	0.38	0.36	0.34	0.32	0.32	0.33	0.39	0.56
70	0.39	0.36	0.36	0.35	0.33	0.35	0.48	0.85
60	0.42	0.39	0.38	0.37	0.37	0.43	0.75	
50	0.45	0.41	0.41	0.43	0.44	0.55	1.14	
40	0.52	0.46	0.46	0.49	0.55	0.89		
30	0.63	0.56	0.59	0.68	0.90			
20	0.73	0.70	0.74	0.88				

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

Features

GENAQ Stratus S50	Version	4.0
	Dimensions (Height x Width x Depth)	1630 x 542 x 688 mm
	Weight	115 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	1730 x 570 x 830 mm
	Weight with reinforced packaging	160 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 %)	59 l/day
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	0.32 kWh/l
	Specific generation, at 23 °C and 60 % RH (±10 %)	36 l/day
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	0.41 kWh/l
	Pressure sound level at 1m	69 dB(A)
Power Supply	Power Supply (Other Voltages Available)	230V-I-50Hz
	Nominal Power	0.79 kW
	Specific power	0.7 kW
	Plug/Socket	Type F
Refrigerant Circuit	Refrigerant	R134a / Propane
	Evaporation coil built in copper tubes and aluminum fins	
	Condensation coil built in copper tubes and aluminum fins	
Air Circuit	Nominal Air Flow	280 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	2 l/min
	Internal Water Storage	17 l
	External Water Tank Compatibility	No
	Water Treatment	Sediment Filter, Activated Carbon Filter, Ultrafiltration Filter, 2 x Zeolite Filter, Mineralization Filter and UV lamp
Control and Electrical Circuit	Control	Emerson PLC, Dixell IPG208D-10021
	Display	Operation indicators and access via Offline Control
	IoT	Included: Remote control via Ethernet, WIFI or M2M
	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	Frequency Variator

STRATUS S200

by GENAQ

202 liters per day

1.6 kW



0.19 kWh/liter

Cold Water & IoT

External tank compatible

Pure Water

Sustainability

Efficiency

Plug & Drink

Autonomy

Generation (liters per day)

Relative Humidity (%) \ Temperature (°C)	45	40	35	30	25	20	15	10
100	199	201	210	212	174	140	110	85
90	195	195	204	208	165	132	94	78
80	185	187	195	202	155	125	83	53
70	177	179	180	165	136	108	72	39
60	163	165	157	142	115	90	52	
50	134	145	139	119	87	69	39	
40	102	109	99	87	66	49		
30	80	85	78	59	45			
20	57	54	48	36				

Consumption (kWh per liter)

Relative Humidity (%) \ Temperature (°C)	45	40	35	30	25	20	15	10
100	0.25	0.23	0.22	0.21	0.22	0.24	0.27	0.32
90	0.25	0.23	0.21	0.20	0.22	0.24	0.30	0.33
80	0.25	0.24	0.22	0.19	0.22	0.25	0.33	0.41
70	0.26	0.25	0.23	0.22	0.24	0.28	0.33	0.48
60	0.28	0.26	0.25	0.25	0.28	0.31	0.43	
50	0.33	0.29	0.28	0.28	0.36	0.37	0.51	
40	0.42	0.38	0.37	0.38	0.45	0.49		
30	0.51	0.47	0.46	0.53	0.59			
20	0.66	0.66	0.66	0.66				

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

Features

GENAQ Stratus S200	Version	3.2
	Dimensions (Height x Width x Depth)	1880 x 600 x 760 mm
	Weight	261 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	2092 x 770 x 1195 mm
	Weight with reinforced packaging	320 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 %)	202 l/day
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	0.19 kWh/l
	Specific generation, at 25 °C and 60 % RH (±10 %)	101 l/day
	Specific consumption per liter, at 25 °C and 60 % RH (±10 %)	0.3 kWh/l
	Pressure sound level at 1m	69 dB (A)
Power Supply	Power Supply (Other Voltages Available)	230V-I-50Hz
	Nominal Power	1.6 kW
	Specific power	1.4 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: 750 m3/h ; F2: 1250 m3/h
	Air Prefilter	60 ppi prefilter
	Air Filter	F7 air filter
Hydraulic Circuit	Food grade low density lineal polyethylene tube	
	Nominal Water Flow	P1: 2 l/min ; P2: 2 l/min
	Internal Water Storage	17 l
	External Water Tank Compatibility	Maximum 200 l with recirculation
	Water Treatment	Sediment Filter, Activated Carbon Filter, Ultrafiltration Filter, 2 x Zeolite Filter, Mineralization Filter and UV lamp
Control and Electrical Circuit	Control	Emerson PLC, Dixell IPG208D-10021
	Display	Operation indicators and access via Offline Control
	IoT	Included: Remote control via Ethernet, WIFI or M2M
	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	Frequency Variator