Atmospheric Water Generators

2025 Catalogue

Water from Air

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About us

At GENAQ we create water from air.

Since 2008, we design and manufacture Atmospheric Water Generators, an innovative solution. that replicates the natural process of rain to provide access to

Our mission is to democratize the access to high-quality drinking
water, at a low cost, and in a sustainable way, thanks to
advanced technological solutions.

+35 years of experience in Industrial HVAC-R

+65k sqm of production facilities

+70 countries where we have supplied

A journey through our history

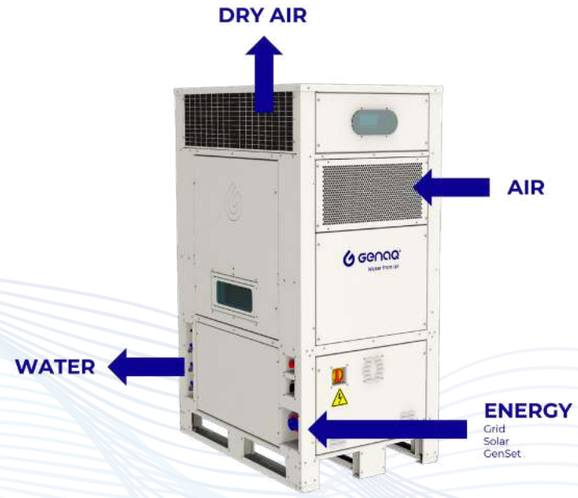
We are part of KEYTER GROUP with +35 years of experience in air conditioning and refrigeration solutions and +100M EUR in operating revenues. These resources ensure our financial and industrial capacity to face high production and quality requirements.

Our Technology

How AWG works

Atmospheric Water Generation replicates the natural process of rain.
It condenses air moisture using refrigeration technology.
Just air and energy are needed.

- High-level air filtration
- Efficient heat exchangers
- Optimized refrigeration system
- High-quality water treatment
- Advanced control + IoT



Benefits

Pure Water
Free of Chemicals and Plastics

Efficiency
High generation + Low power =
Low cost per liter (< 0.2 kWh/liter)

Autonomy
Off-grid
No logistics

Sustainability
Zero waste
Preserves natural resources

Plug & Drink
No installation
Easy maintenance

Water anywhere you need

Why GENAQ?

GENAQ is recognized as a professional, high quality and high-efficiency brand in the AWG sector. This is the result of over 167 engineer-years spent in developing advanced knowledge in heat transfer, water treatment and control, to achieve the most reliable and efficient atmospheric water generators, becoming the preferred option for drinking water supply.

+35 years of experience

Own technology

Own manufacturing

Highest efficiency

Tested in Climate Chamber

Remote monitoring and control

Major Certifications

ISO 9001

Audited Performance (Generation vs T & RH)

CE Declaration of Conformity

Water Quality: EU, WHO, EPA...

EU Seal of Excellence

Major Awards

Applications

Commercial

Offices
Hotels
Restaurants
Homes
Hospitals
Public premises

Industrial

Mines
Oil platforms
Construction
Industrial sector
Remote locations
Isolated buildings

Emergencies

Disaster relief
Humanitarian aid
Development aid
Civilian camps
Military camps

Large Scale

Industrial processes
Food industry
Bottling plants
Residential water supply

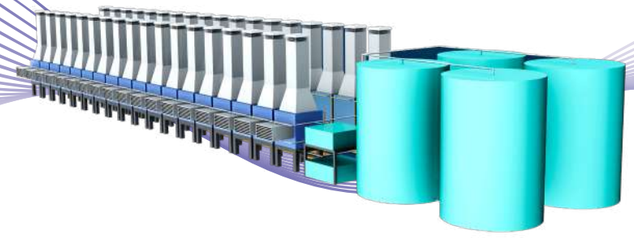
Solutions

STRATUS by GENAQ

NIMBUS by GENAQ

CUMULUS by GENAQ

AWG PLANT by GENAQ



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

GENAQ

NIMBUS by GENAQ

GENAQ Nimbus range ensures pure drinking water supply no matter where you are. Become autonomous and forget about logistics and complex installations at your premises.

These off-grid solutions will allow you to reduce your costs and your environmental impact.

APPLICATIONS

- Industrial sector
- Remote sites
- Isolated buildings
- Power plants
- Mines and oil platforms
- Construction sites
- Others

NIMBUS N500 by GENAQ

506 liters per day

5.1 kW

0.24 kWh/liter

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	415	431	458	482	339	261	211	151
90	420	441	470	493	351	280	219	150
80	413	453	482	506	371	284	221	114
70	405	428	420	434	313	247	186	84
60	363	378	384	356	271	218	121	
50	277	278	269	251	193	162	80	
40	212	198	189	166	147	95		
30	153	135	128	110	88			
20	122	104	84	65				

Consumption (kWh per liter)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	0.33	0.31	0.29	0.26	0.32	0.36	0.38	0.40
90	0.32	0.30	0.28	0.25	0.31	0.33	0.37	0.40
80	0.32	0.29	0.26	0.24	0.29	0.32	0.35	0.51
70	0.32	0.30	0.30	0.28	0.32	0.34	0.39	0.63
60	0.35	0.33	0.32	0.31	0.35	0.39	0.52	
50	0.45	0.44	0.42	0.41	0.43	0.44	0.64	
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	0.70	0.70	0.70	0.70				

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

Features

GENAQ Nimbus N500	Version	4.4
	Dimensions (Height x Width x Depth)	1800 x 790 x 1180 mm
	Weight	380 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	2350 x 915 x 1370 mm
	Weight with reinforced packaging	452 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 %)	506 l/day
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	0.24 kWh/l
	Specific generation, at 23 °C and 60 % RH (±10 %)	250 l/day
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	0.3 kWh/l
	Pressure sound level at 1m	74 dB (A)
Power Supply	Power Supply (Other Voltages Available)	400V-III-50Hz
	Nominal Power	5.1 kW
	Specific power	4 kW
	Plug/Socket	32A 5-pin Socket
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	2000 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: 7.6 l/min ; P2: 7.6 l/min
	Internal Water Storage	17 l
	External Water Tank Compatibility	Maximum 600 l with recirculation
	Water Treatment	Sediment Prefilter, 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	VGIPG VISOGRAPH
	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
	Soft Starter	Chlorine Dosing Pump
	Frequency Variator	

NIMBUS N4500

by GENAQ

4500 liters per day

0.22 kWh/liter

40.8 kW

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	3855	3944	4143	4237	2744	2118	1713	1295
90	3845	3971	4168	4253	2832	2259	1765	1288
80	4068	4168	4370	4449	3104	2374	1850	1010
70	3825	3884	3755	3817	2615	2063	1585	648
60	3312	3379	3375	2976	2263	1822	1055	
50	2172	2259	2071	1932	1488	1280	662	
40	1549	1388	1326	1167	1052	706		
30	1075	944	901	799	659			
20	821	720	603	475				

Consumption (kWh per liter)

Relative Humidity (%) \ Temperature (°C)	45	40	35	30	25	20	15	10
100	0.31	0.30	0.27	0.25	0.34	0.38	0.40	0.37
90	0.30	0.28	0.26	0.24	0.33	0.35	0.39	0.37
80	0.28	0.26	0.24	0.22	0.29	0.32	0.36	0.46
70	0.29	0.27	0.27	0.25	0.32	0.35	0.38	0.65
60	0.32	0.30	0.29	0.31	0.36	0.39	0.48	
50	0.47	0.44	0.46	0.45	0.47	0.46	0.61	
40	0.63	0.67	0.64	0.62	0.60	0.63		
30	0.82	0.82	0.82	0.74	0.66			
20	0.89	0.83	0.78	0.75				

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

Features

GENAQ Nimbus N4500	Version	4.0
	Dimensions (Height x Width x Depth)	2170 x 2380 x 3420 mm
	Weight	5200 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	No
	Weight with reinforced packaging	No
	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 %)	4445 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 %)	2263 l/day
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	0.36 kWh/l
	Pressure sound level at 1m	74 dB (A)
Power Supply	Power Supply (Other Voltages Available)	400V-III-50Hz
	Nominal Power	40.8 kW
	Specific power	34 kW
	Plug/Socket	Direct Connection (3x70 + N + T mm2)
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: 7000 m^3/h ; F2: 7000 m^3/h ; F3: 7000 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: 25 l/min ; P2: 25 l/min
	Internal Water Storage	120 l
	External Water Tank Compatibility	Maximum 2000 l with recirculation
	Water Treatment	Sediment Filter (three steps), Activated Carbon, Mineralization, Chlorine Dosing and UV lamp
Control and Electrical Circuit	Control	Emerson PLC, Dixell IPG215D-12100
	Display	VGIPG VISOGRAPH
	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
	20ft Container Adaptation	Frequency Variator

cumulus by GENAQ

Water from Air

cumulus by GENAQ

GENAQ Cumulus generators are designed with reinforced structure and portability features, to supply high-quality drinking water.

Become independent from any uncontrolled water source and ensure your drinking water availability in any situation.

APPLICATIONS

- Disaster relief
- Humanitarian aid
- Civilian camps
- Military camps
- Development aid
- Others

Cumulus C50

by GENAQ

52 liters per day

0.9 kW

0.42 kWh/liter

Compact and portable

Pure Water

Sustainability

Efficiency

Plug & Drink

Autonomy

Generation (liters per day)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	55	55	58	57	36	28	22	17
90	54	54	56	56	37	29	23	15
80	53	53	55	52	38	29	23	12
70	51	49	47	44	32	25	19	9
60	42	42	41	36	28	22	12	
50	31	29	28	26	20	17	8	
40	21	19	19	16	14	9		
30	17	14	13	11	9			
20	13	12	12	8				

Consumption (kWh per liter)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	0.55	0.52	0.48	0.44	0.54	0.60	0.64	0.67
90	0.53	0.51	0.47	0.43	0.53	0.57	0.62	0.67
80	0.52	0.49	0.46	0.42	0.49	0.55	0.61	0.80
70	0.52	0.51	0.51	0.48	0.55	0.59	0.67	1.06
60	0.60	0.57	0.55	0.53	0.61	0.67	0.89	
50	0.77	0.74	0.70	0.68	0.72	0.74	1.07	
40	1.01	0.99	0.95	0.92	0.92	1.06		
30	1.16	1.16	1.16	1.11	1.05			
20	1.30	1.30	1.30	1.30				

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

Features

GENAQ Cumulus C50	Version	2.1
	Dimensions (Height x Width x Depth)	1050 x 390 x 575 mm
	Weight	70 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	1400 x 550 x 750 mm
	Weight with reinforced packaging	106 kg
	Color	Green
	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 %)	0.42 kWh/l
	Specific generation, at 23 °C and 60 % RH (±10 %)	26 l/day
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	0.6 kWh/l
	Pressure sound level at 1m	72.7 dB (A)
Power Supply	Power Supply (Other Voltages Available)	230V-I-50Hz
	Nominal Power	1 kW
	Specific power	0.8 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: 150 m^3/h ; F2: 150 m^3/h
	Air Prefilter	No
	Air Filter	M5 air filter
Hydraulic Circuit	Food grade low density lineal polyethylene tube	
	Nominal Water Flow	1 l/min
	Internal Water Storage	9 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 DCS, Dixell XW60VS
	Display	Operation indicators and access via internal display
	IoT	No
	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
	Plug/Socket Type	Frequency Variator

Cumulus C500

by GENAQ

502 liters per day

0.26 kWh/liter

5.5 kW

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	451	462	492	518	364	281	227	165
90	436	454	483	509	361	288	225	165
80	429	446	475	502	366	280	218	120
70	398	422	415	427	308	243	183	86
60	360	373	379	351	267	215	119	
50	254	275	264	247	190	160	79	
40	179	177	169	149	132	85		
30	124	121	115	99	79			
20	98	93	86	76				

Consumption (kWh per liter)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	0.33	0.31	0.29	0.26	0.32	0.36	0.38	0.45
90	0.33	0.31	0.29	0.26	0.32	0.35	0.38	0.45
80	0.33	0.31	0.29	0.26	0.31	0.35	0.38	0.56
70	0.35	0.32	0.32	0.30	0.35	0.37	0.42	0.70
60	0.38	0.36	0.35	0.34	0.38	0.42	0.56	
50	0.52	0.48	0.46	0.44	0.47	0.48	0.70	
40	0.67	0.66	0.64	0.61	0.61	0.71		
30	0.83	0.82	0.82	0.78	0.74			
20	0.98	0.98	0.98	0.95				

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

Features

GENAQ Cumulus C500	Version	3.4
	Dimensions (Height x Width x Depth)	1110 x 1095 x 1300 mm
	Weight	337 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	1575 x 1240 x 1550 mm
	Weight with reinforced packaging	430 kg
	Color	Green
	Manufactured in galvanized steel sheet structure with polyester paint of high resistance to corrosion	
Performance	Nominal Generation, at 30 °C and 80 % RH (±10 %)	502 l/day
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	0.26 kWh/l
	Specific generation, at 23 °C and 60 % RH (±10 %)	246 l/day
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	0.4 kWh/l
	Pressure sound level at 1m	74 dB (A)
Power Supply	Power Supply (Other Voltages Available)	400V-III-50Hz
	Nominal Power	5.5 kW
	Specific power	4.3 kW
	Plug/Socket	32A 5-pin Socket
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	2000 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: 7.6 l/min ; P2: 7.6 l/min
	Internal Water Storage	14 l
	External Water Tank Compatibility	Maximum 600 l with recirculation
	Water Treatment	Sediment Prefilter, 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	VGIPG VISOGRAPH
	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
	Soft Starter	Chlorine Dosing Pump
	Frequency Variator	

Cumulus C5000

by GENAQ

5091 liters per day

0.26 kWh/liter

55.2 kW

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	4411	4513	4741	4848	3305	2552	2063	1471
90	4400	4544	4769	4867	3411	2721	2126	1462
80	4655	4769	5000	5091	3739	2859	2229	1143
70	4376	4444	4296	4368	3150	2485	1870	727
60	3789	3867	3862	3585	2726	2195	1215	
50	2486	2585	2495	2328	1793	1505	744	
40	1773	1671	1597	1406	1245	800		
30	1295	1137	1085	932	742			
20	989	841	683	526				

Consumption (kWh per liter)

Relative Humidity (%)	Temperature (°C)							
	45	40	35	30	25	20	15	10
100	0.37	0.35	0.32	0.30	0.36	0.41	0.43	0.45
90	0.36	0.34	0.31	0.29	0.35	0.38	0.42	0.45
80	0.33	0.31	0.29	0.26	0.31	0.35	0.38	0.56
70	0.34	0.32	0.32	0.30	0.35	0.37	0.42	0.80
60	0.38	0.36	0.35	0.34	0.38	0.42	0.56	
50	0.56	0.52	0.49	0.48	0.51	0.52	0.75	
40	0.75	0.72	0.69	0.66	0.66	0.77		
30	0.88	0.88	0.88	0.85	0.81			
20	0.95	0.95	0.95	0.95				

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

Features

GENAQ Cumulus C5000	Version	4.1
	Dimensions (Height x Width x Depth)	2190 x 2310 x 4790 mm
	Weight	5800 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	No
	Weight with reinforced packaging	No
	Color	Green
	Manufactured in galvanized steel sheet structure with polyester paint of high resistance to corrosion	
Performance	Nominal Generation, at 30 °C and 80 % RH (±10 %)	5091 l/day
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	0.26 kWh/l
	Specific generation, at 23 °C and 60 % RH (±10 %)	2726 l/day
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	0.38 kWh/l
	Pressure sound level at 1m	74 dB (A)
Power Supply	Power Supply (Other Voltages Available)	400V-III-50Hz
	Nominal Power	55.2 kW
	Specific power	43.2 kW
	Plug/Socket	Direct Connection (3x70 + N + T mm2)
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: 7000 m^3/h ; F2: 7000 m^3/h ; F3: 7000 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: 25 l/min ; P2: 25 l/min
	Internal Water Storage	120 l
	External Water Tank Compatibility	Maximum 2000 l with recirculation
	Water Treatment	Sediment Filter (three steps), Activated Carbon, Zeolite, Mineralization, Chlorine Dosing and UV lamp
Control and Electrical Circuit	Control	Emerson PLC, Dixell IPG215D-12100
	Display	VGIPG VISOGRAPH
	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
	20ft Container Adaptation	Power Unit
	Frequency Variator	

CUMULUS C5000-CO

by GENAQ

5091 liters per day

55.2 kW

20ft integrated solution

0.26 kWh/liter

Integrated generator set option

Internal tank of 2000 L

Pure Water

Sustainability

Efficiency

Plug & Drink

Autonomy

Generation (liters per day)

Relative Humidity (%) \ Temperature (°C)	45	40	35	30	25	20	15	10
100	4411	4513	4741	4848	3305	2552	2063	1471
90	4400	4544	4769	4867	3411	2721	2126	1462
80	4655	4769	5000	5091	3739	2859	2229	1143
70	4376	4444	4296	4368	3150	2485	1870	727
60	3789	3867	3862	3585	2726	2195	1215	
50	2486	2585	2495	2328	1793	1505	744	
40	1773	1671	1597	1406	1245	800		
30	1295	1137	1085	932	742			
20	989	841	683	526				

Consumption (kWh per liter)

Relative Humidity (%) \ Temperature (°C)	45	40	35	30	25	20	15	10
100	0.37	0.35	0.32	0.30	0.36	0.41	0.43	0.45
90	0.36	0.34	0.31	0.29	0.35	0.38	0.42	0.45
80	0.33	0.31	0.29	0.26	0.31	0.35	0.38	0.56
70	0.34	0.32	0.32	0.30	0.35	0.37	0.42	0.80
60	0.38	0.36	0.35	0.34	0.38	0.42	0.56	
50	0.56	0.52	0.49	0.48	0.51	0.52	0.75	
40	0.75	0.72	0.69	0.66	0.66	0.77		
30	0.88	0.88	0.88	0.85	0.81			
20	0.95	0.95	0.95	0.95				

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

Features

GENAQ Cumulus C5000	Version	4.1-CO
	Dimensions (Height x Width x Depth)	2600 x 2240 x 6060 mm (20ft container)
	Weight	Containerized generator: 8000 kg With PU optional: 10000 kg
	Dimensions with reinforced packaging (Height x Width x Depth)	No
	Weight with reinforced packaging	No
	Color	Green
	Manufactured in galvanized steel sheet structure with polyester paint of high resistance to corrosion	
Performance	Nominal Generation, at 30 °C and 80 % RH (±10 %)	5091 l/day
	Nominal consumption per liter, at 30 °C and 80 % RH (±10 %)	0.26 kWh/l
	Specific generation, at 23 °C and 60 % RH (±10 %)	2726 l/day
	Specific consumption per liter, at 23 °C and 60 % RH (±10 %)	0.38 kWh/l
	Pressure sound level at 1m	74 dB(A)
Power Supply	Power Supply (Other Voltages Available)	400V-III-50Hz
	Nominal Power	55.2 kW
	Specific power	43.2 kW
	Plug/Socket	Direct Connection (3 x 70 + N + T mm^2)
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: 7000 m^3/h ; F2: 7000 m^3/h ; F3: 7000 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: 25 l/min ; P2: 25 l/min
	Internal Water Storage	120 l
	External Water Tank Compatibility	Maximum 2000 l with recirculation
	Water Treatment	Sediment Filter (three steps), Activated Carbon, Zeolite, Mineralization, Chlorine Dosing and UV lamp
Control and Electrical Circuit	Control	Emerson PLC, Dixell IPG215D-12100
	Display	VGIPG VISOGRAPH
	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
	Integrated Power Unit	Frequency Variator

GENAQ

AWG PLANT
by GENAQ

A tailored project to offer a solution for larger high-quality water needs for residential water supply, bottling plants, industrial processes, etc.

This solution has been optimized for both low investment and operating cost per liter.

Starting from 100,000 liter per day up to more than 1,500,000 liters per day. GENAQ works in these customized projects to cover your specific requirements.

APPLICATIONS

- Residential water supply
- Food industry
- Industrial processes
- Bottling plants
- Custom projects
- Others

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