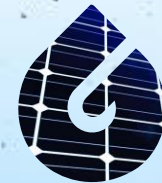




Freewater4u

Drink pure water anywhere...

Atmospheric Water Generators





freewater4u

**Tired of buying
bottled water?**




**Worried about the quality
of the water you drink?**



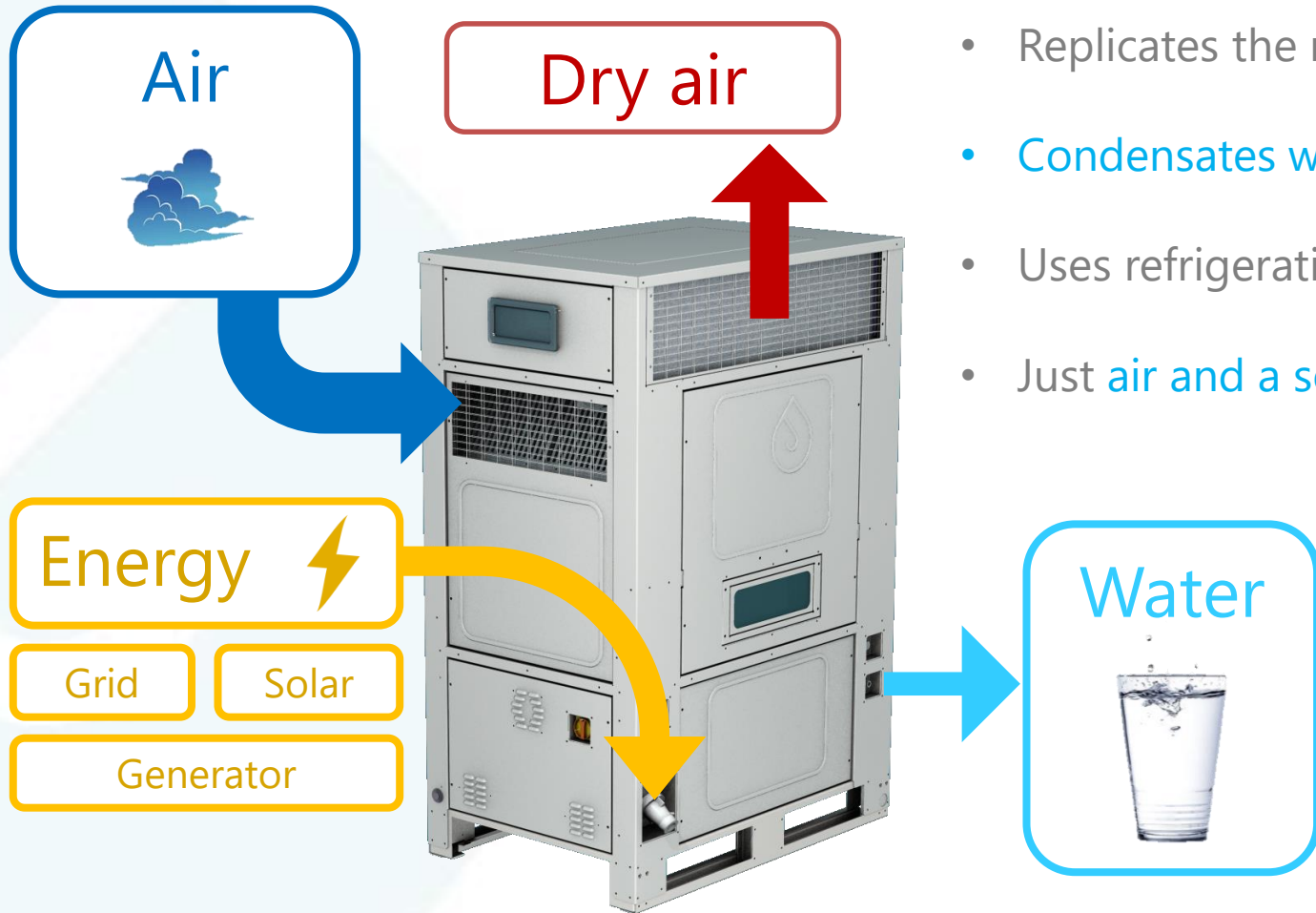
**No access to safe water
network where you live?**



**Now you can drink pure water
anywhere with  Freewater4u
atmospheric water generators.**

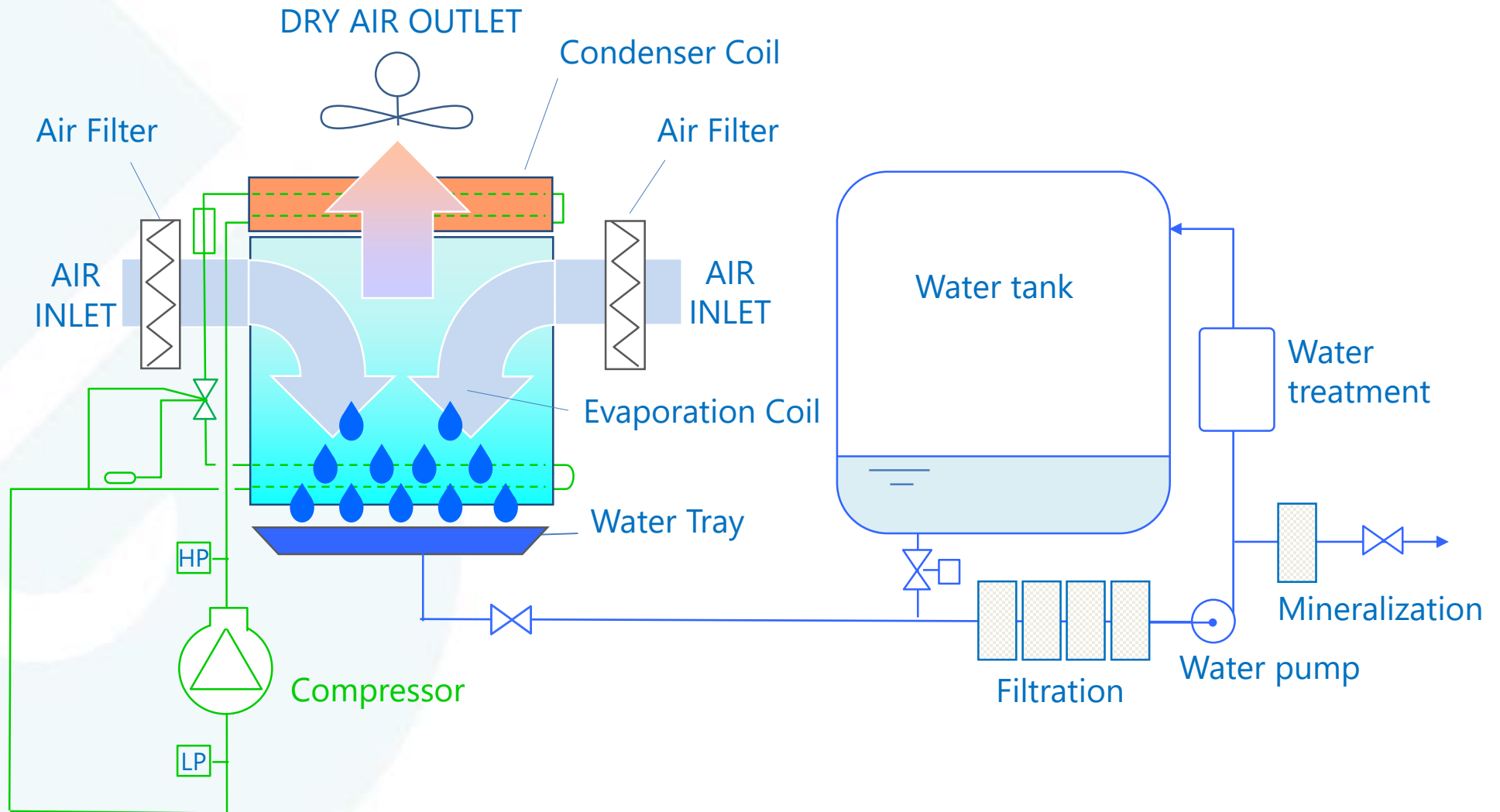


Atmospheric Water Generation



- Replicates the natural process of rain
- **Condensates water** from humidity in the air
- Uses refrigeration technology
- Just **air and a source of energy** needed







High quality pure drinking water compared to other types of water treatments, such as the inverse osmosis, the filtered Water or the desalination.

Ideal for human consumption as it is free from biologic contamination, and with excellent chemical properties, as it complies with **World Health Organization, EPA and European Directive 98/83/EC** parameters for drinking water.



Directive 98/83/EC



Our generators are **portable and autonomous** so water is produced wherever it is needed.

This includes industrial or polluted areas, where our technology ensures high quality drinking water.

No installation and simple maintenance are needed.



Freewater4u

Capacity



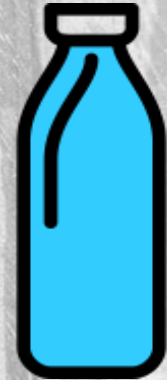
Domestic



Office



Community



Industrial



Our compact generators can produce **from 50 to 5000 liters/day.**

Even in arid climates with temperature over 50°C (122F) and RH lower than 20%.

Generation and Consumption Estimations made in our Climate Chamber, TÜV Certified.

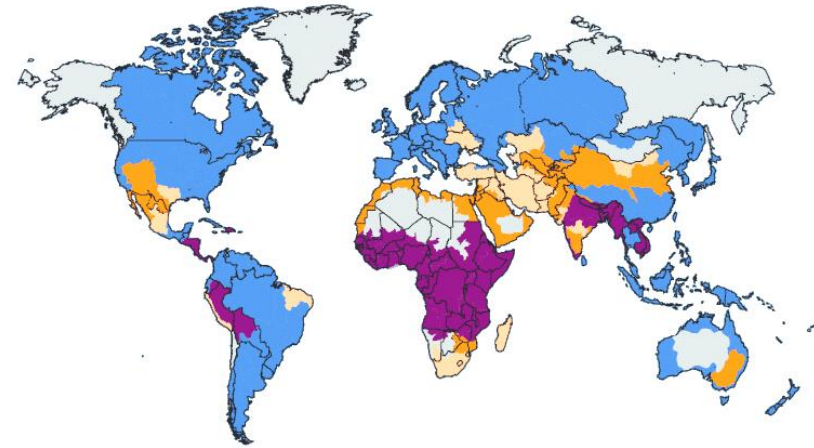




Billions of people suffer the **water challenge**: Scarcity, droughts, pollution, diseases...

The atmosphere contains water, which is a natural renewable resource.

Pools4u reproduces the rain process, providing a safe drinking water with **no negative effect and no waste**, unlike water purifying systems by desalination.



- physical water scarcity
- approaching physical water scarcity
- economic water scarcity
- little or no water scarcity



Lower cost than:

- Bottled water
- Water in tanks
- Desalination investment...

Hot water is produced at zero cost by using renewable energy sources.

Pools4u is the best solution if no safe source of water is available.



Cost per liter includes:



Energy consumption



Generator acquisition



Maintenance



Tell us your location and we'll calculate it for you
(info@gena.com)

Our products target drinking water for 3 segments:



Genaaq stratus

Water Dispenser

Domestic, offices,...
50 to 200 liters/day



Genaaq nimbus

Remote Supply Unit

Remote residences, hotels,...
500 to 5000 liters/day



Genaaq cumulus

Emergency Response Unit

Emergency, military, civilian,...
50 to 5000 liters/day





Freewater4u

Applications



Residential
& Offices
Hydroponics



Mining/Construction



Industry



Oil
&
Gas



Camps



Emergencies





Pure drinking
water



Tested and Certified



Compatible



Connected



Directive 98/83/EC

Generation [litres/day]		Temperature [°C]									
		55	50	45	40	35	30	25	20	15	10
Relative Humidity [%]	100	-	-	6435	6187	5987	4828	3631	2270	1161	555
	90	-	-	6351	6102	5590	4737	3532	2207	1132	548
	80	-	-	6421	6263	5996	5412	4537	3129	2045	1047
	70	6566	6388	6163	5813	5043	4049	2704	1731	885	430
	60	6628	6322	5961	5299	4471	3329	2168	1189	676	306
	50	6478	6034	5327	4528	3490	2387	1585	853	452	176
	40	5534	4938	4199	3089	2286	1588	906	524	238	89
	30	3824	3141	2497	1865	1164	786	474	232	69	34
	20	1905	1648	1109	795	524	308	149	42	-	-
	10	684	589	413	245	122	47	-	-	-	-

Consumption [kWh/litre]		Temperature [°C]									
		55	50	45	40	35	30	25	20	15	10
Relative Humidity [%]	100	-	-	0.17	0.17	0.19	0.22	0.27	0.37	0.62	0.96
	90	-	-	0.17	0.18	0.19	0.23	0.27	0.37	0.63	0.96
	80	-	-	0.17	0.17	0.18	0.20	0.24	0.30	0.39	0.66
	70	0.16	0.17	0.18	0.19	0.21	0.26	0.33	0.43	0.71	1.09
	60	0.16	0.17	0.18	0.20	0.24	0.29	0.39	0.62	0.81	1.29
	50	0.17	0.18	0.20	0.24	0.28	0.38	0.46	0.74	1.00	1.70
	40	0.19	0.22	0.25	0.31	0.39	0.47	0.73	0.94	1.38	2.97
	30	0.28	0.30	0.37	0.43	0.66	0.81	1.01	1.43	2.62	3.92
	20	0.42	0.46	0.68	0.81	0.99	1.30	1.85	3.46	-	-
	10	0.89	0.98	1.18	1.55	2.22	3.60	-	-	-	-



Water Dispenser

**Highest quality of water for:
houses, offices, hotels,
hospitals...**



s50



s200



Nominal generation	50 liters/day	200 liters/day
Nominal energy consumption	0.7 kW	2.5 kW
Maximum power	1.0 kW	3 kW
Dimensions	1500 x 415 x 550 mm	1760 x 600 x 700 mm
Weight	105 kg	175 kg

Hot water generation

Compatible with solar panels

IoT (internet remote control and measurement)

Offices



Currently



- ✓ 0.20-0.40\$/liter
- ✓ Low quality
- ✓ Takes space
- ✓ Need to carry
- ✓ Plastic waste



- ✓ 0.03-0.10\$/liter
- ✓ High quality
- ✓ Save space
- ✓ No manipulations
- ✓ No waste

Remote Supply Unit

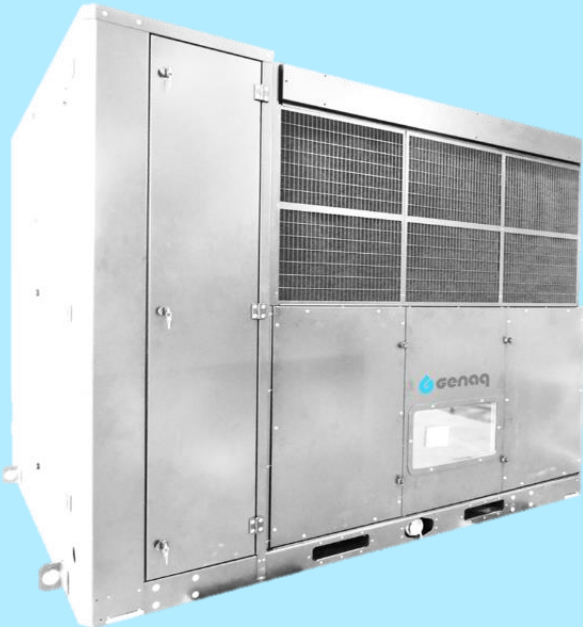
Water supply for remote residences, communities, hotels, industrial facilities,...



n500



n4500



Nominal generation	500 liters/day	4500 liters/day
Nominal energy consumption	4.1 kW	40 kW
Maximum power	5 kW	55 kW
Dimensions	1790 x 785 x 1175 mm	2170 x 2210 x 2870 mm
Weight	380 kg	2200 kg
Hot water generation		
Compatible with solar panels and Diesel power unit		
IoT (internet remote control and measurement)		

Remote locations



Currently



- ✓ Logistical Problems
- ✓ Low quality
- ✓ Need to carry
- ✓ High price
- ✓ Plastic waste



- ✓ No Logistic
- ✓ High quality
- ✓ No inconveniences
- ✓ 0.02-0.10\$/liter
- ✓ No waste

Freewater4u

Emergency Response Unit

Emergency water supply for remote humanitarian, health and military camps
With strengthened structure



e50



e500



e5000



Nominal generation

50 liters/day

500 liters/day

5000 liters/day

Nominal energy consumption

0.7 kW

4.7 kW

50 kW

Maximum power

1.0 kW

6.3 kW

70 kW

Dimensions

1055 x 390 x 578 mm

1083 x 1122 x 1442 mm

2170 x 2210 x 2870 mm

Weight

70 kg

370 kg

2200 kg

Hot water generation

Compatible with solar panels and Diesel power unit

IoT (internet remote control and measurement)

Camps



Currently



- ✓ Logistic risks
- ✓ Low quality
- ✓ Safety risks
- ✓ 0.20-0.40\$/liter
- ✓ Plastic waste



- ✓ No Logistics
- ✓ High quality
- ✓ No inconveniences
- ✓ 0.03 – 0.10\$/liter
- ✓ No waste

Freewater4u

Drink pure water anywhere...

www.freewater4u.eu

