



# DRUPPS CONCEPT GREEN

**SUSTAINABLE  
PRODUCTION OF  
DRINKING WATER FROM AIR  
AT 2,000 - 200,000 LPD**

## **RUNS ON THERMAL ENERGY TO PROVIDE LOW COST WATER**

Drupps Concept GREEN is the water generator that utilizes thermal energy for water production from air. If you have access to waste heat coming from other industrial processes, GREEN will enable you to produce incredibly cost efficient drinking water.

## **PRODUCT QUALITY**

Its B-module is developed and manufactured by established and well-known makers in the water industry, resulting in drinking water quality that you can depend on.

## **WASTE HEAT TO VALUABLE WATER**

The idea of turning waste heat energy into valuable clean drinking water on-the-spot is brilliant. Since the energy cost will be near-zero, you will have access to a new zero-cost drinking water resource.

## **WIDE OPERATING RANGE**

GREEN has a wide production capacity range of 2,000 to 200,000 LPD. Typical customer groups include processing industries and refineries.

With a wide operating range of temperature 0-40 °C and relative humidity of RH 40-100% GREEN is able to operate extremely cost-efficiently all over the world.

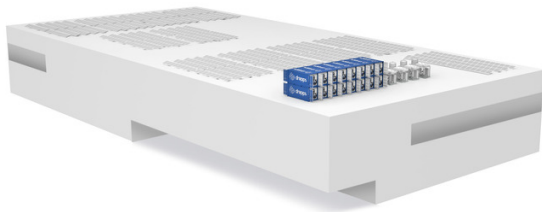


## DRUPPS CONCEPT - A NEW WATER SOLUTION

Drupps Concept is a water production system consisting of two module types - a humidity absorber and a water producer. By combining these Drupps Concept is able to configure any water production capacity to almost any climate condition.

## 100% PURE WATER

Drupps Concept water is 100% pure, guaranteed by a multi-stage filtering process including dissolving in liquid and distilling. The water is free from harmful pollutants often found in groundwater, seawater, city air or recycled water, such as pesticides, hormones, bacteria or chemicals.



## OVERVIEW TECH DATA

- Water purity, Distilled and filtered
- Temperature Op Range, 0-40°C
- Relative Humidity Op Range, RH 40-100%
- Electric Energy Demand, 30-60 kWh/1,000L
- Production Optimization Intelligence
- Remote Steering and Control

## SERVICE AND MAINTENANCE

Drupps supports all customers and their installations with lifetime technical support. Please visit our website to find more information about our local representative in your country.

## ELECTRIC ENERGY EFFICIENCY

Production 100,000 LPD

Temp	RH 50%	RH 65%	RH 80%
10°C	--	0.05	0.05
20°C	0.04	0.05	0.04
30°C	0.04	0.04	0.03

Thermal energy efficiency is at 0.70 kWh/L in all climate conditions.

## TECH DATA

In Temp 20°C / RH 65%

Production, '000 LPD	60	100	200
Number of A-modules	18	30	59
Power A, kW	102	169	348
Power B, kW	20	33	67
Power Total, kW	122	203	414
Thermal Power, kW	1,750	2,917	5,833
Foot print, m <sup>2</sup>	750	870	1,650
Weight, ton	140	185	34
Pressure, kg/m <sup>2</sup>	200	200	200
Noise, dB	75	75	75