

Sustainable Drinking Water Security

# Drupps WHITE



Innovative and powerful  
atmospheric water generator  
for large-scale water production

Drupps WHITE is a powerful and flexible series of air-water generator systems for large-scale production of drinking water from the atmosphere.

It is based on a concept that enables high flexibility in adaptation of production capacity to a wide range of climate conditions.

## Benefits

- Control your own water source
- Sustainable and eco-neutral water
  - High water quality
  - Limitless production capacity
  - Low water production costs
    - Easy operation
- Low maintenance and service need



SOLUTION	WHITE-17	WHITE-67
Water Production Capacity	17 m3/day	67 m3/day
Water Quality	WHO standard	WHO standard
Operating Temperature Range	5°C to 50°C	5°C to 50°C
Operating Humidity Range	RH 50-100%	RH 50- 100%
B-module Type	B17-HP1000DE	B67-4000DE

## Concept

### How does it work?

Drupps WHITE includes two module types in connection – a humidity absorbing module (A), and a water production module (B).

This concept creates a huge flexibility for the user, allowing multiple combinations of the modules to adapt to any desired water production size or local climate.

## Climate Example

In 25°C / RH 70%	WHITE-17	WHITE-67
Total A80 units	4	15
Power A-modules	26.4 kW	99.0 kW
Power B-module	110.0 kW	418.0 kW
Total Power	136.4 kW	517.0 kW
Ground Space <sup>1</sup> A-Modules	30 m <sup>2</sup>	119 m <sup>2</sup>
Ground Space <sup>1</sup> B-Module	19 m <sup>2</sup>	44 m <sup>2</sup>

.<sup>1</sup> If arranged in two-storage blocks.

A-MODULE	A80
Function	Humidity Absorption
Operating temperature	-5°C to 50°C
Operating humidity	RH 50% to 100%
Air Processing Capacity	80,000 m3/h
Length (L)	6,060 mm
Width (W)	2,450 mm
Height (H)	2,600 mm
Dry Weight	2,400 kg
Power	6.6 kW
Electricity Connection	3x 400V/16A/50Hz

## A-Module

### Humidity Absorption

The A-modules can be serially connected to reach any humidity absorption capacity. They can be arranged in various ways, for example stacked on top of each other to save ground space.

The A-modules form a block, that delivers water to the connected B-module.

## B-Module

### Water Production

The B-module is where the water is produced. It is connected to the A-modules who feeds it with humidity.

The B-module is specifically chosen to deliver a pre-set water production size.

B-MODULE	B17-HP1000DE	B67-HP4000DE
Function	Water Production	Water Production
Operating temperature	5°C to 50°C	5°C to 50°C
Operating humidity	RH 50% to 100%	RH 50% to 100%
Water Production Capacity	17.0 m3/day	67.0 m3/day
Length (L)	8,000 mm	7,200 mm
Width (W)	2,400 mm	6,000 mm
Height (H)	3,800 mm	5,500 mm
Dry Weight	7,600 kg	20,000 kg
Power	110 kW	418 kW
Electricity Connection	3x 400V, 50Hz	3x 400V, 50Hz
Cooling Agent	HFO-1234ze (eco)	HFO-1234ze (eco)