



WATER STATION LAYOUT  
**50000 LITERS**  
AWG STATION  
**2017**

## ▼ ECOBLUE WATER STATION:

- ▶ **TOTAL WATER PRODUCTION:**  
50000 LITERS/DAY (30°C / 80%R.H)  
MAX: 62000 LITERS/DAY
- ▶ **TOTAL ENERGY CONSUMPTION:**  
1620 KW/h
- ▶ **AWG MACHINE QUANTITY:**  
8 ECOBLUE10000
- ▶ **FILTRATION SYSTEM CAPACITY:**  
100000 LITERS/DAY
- ▶ **AREA COVERED:**  
(L) 40.0 x (W) 40.0 M  
1600 M<sup>2</sup>

## ▼ WATER STORAGE:

- ▶ **RAW WATER STORAGE TANK:**  
6000 LITERS
- ▶ **PURE WATER STORAGE TANK:**  
75000 LITERS

## ▼ EB10000 AWG:

- ▶ **PRODUCT PRODUCTION:**  
10000 LITERS/DAY (30°C/ 80%R.H)
- ▶ **POWER SUPPLY:** 3P / 380V / 50HZ  
OR: 3P / 480V / 60HZ
- ▶ **RATED INPUT POWER:** 202 KW/h
- ▶ **ENERGY CONSUMPTION:** 0.4167 KW/h / LITER
- ▶ **COMPRESSOR:** DANFOSS / 8 PER AWG
- ▶ **REFRIGERANT:** R407-C
- ▶ **WORKING CONDITIONS :**  
TEMP : 0-60°C  
HUMIDITY : 25%-100%
- ▶ **NOISE LEVEL:** <80Db
- ▶ **SIZE:** ( L ) 12.2 \* ( W ) 2.54 \* ( H ) 2.90 M

## TECHNICAL PROPOSAL



► Since March 2007, **EcoloBlue** has been sustaining and supporting Water issues experienced worldwide, by suggesting **EcoloBlue** products, and accordingly providing environmentally conscious Water options to single family homes and offices, any business industry using large volume of potable Water, and in an emergency situation as a complete disaster relief solution.

► Since its inception, the company has grown its product line from a single home/office unit, to including today a full industrial line of Atmospheric Water Generators (AWGs), a fully contained emergency preparedness container, and **EcoloBlue Water Station** of various sizes.

The **EcoloBlue 10000** is the largest AWG industrial unit ever produced in the history and will be fully commercialized allowing to push our vision of developing Water Stations around the world using various alternative energies depending of the location.

► **EcoloBlue** has also developed the most advanced emergency independent water generator the ACE 3000, a 40ft container producing over 750gallon/3000 liters per day, which we expect revolutionizing the emergency industry in distributing first aid potable water to a disaster area, delivering the best quality water to a larger amount of people in much lesser time and most economically.

Thank you for evaluating **EcoloBlue** as your water provider and solution generating the highest water quality of water it can provide to the people in the UAE.

## ABOUT ECOLOBLUE

UNITED STATES : (800) 691 6043 // +1 (925) 231 0206 // [www.EcoloBlue.com](http://www.EcoloBlue.com)

SAUDI ARABIA : 9200 1 2580 // +966 (12) 606 1 309 // [www.EcoloBlueKSA.com](http://www.EcoloBlueKSA.com)







# EcoloBlue

WATER FROM AIR™



## 50000 LITER WATER STATION // PRESENTATION

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▼ ECOBLUE 10000:

CAN BE USED AS  
**STAND ALONE**  
UNIT



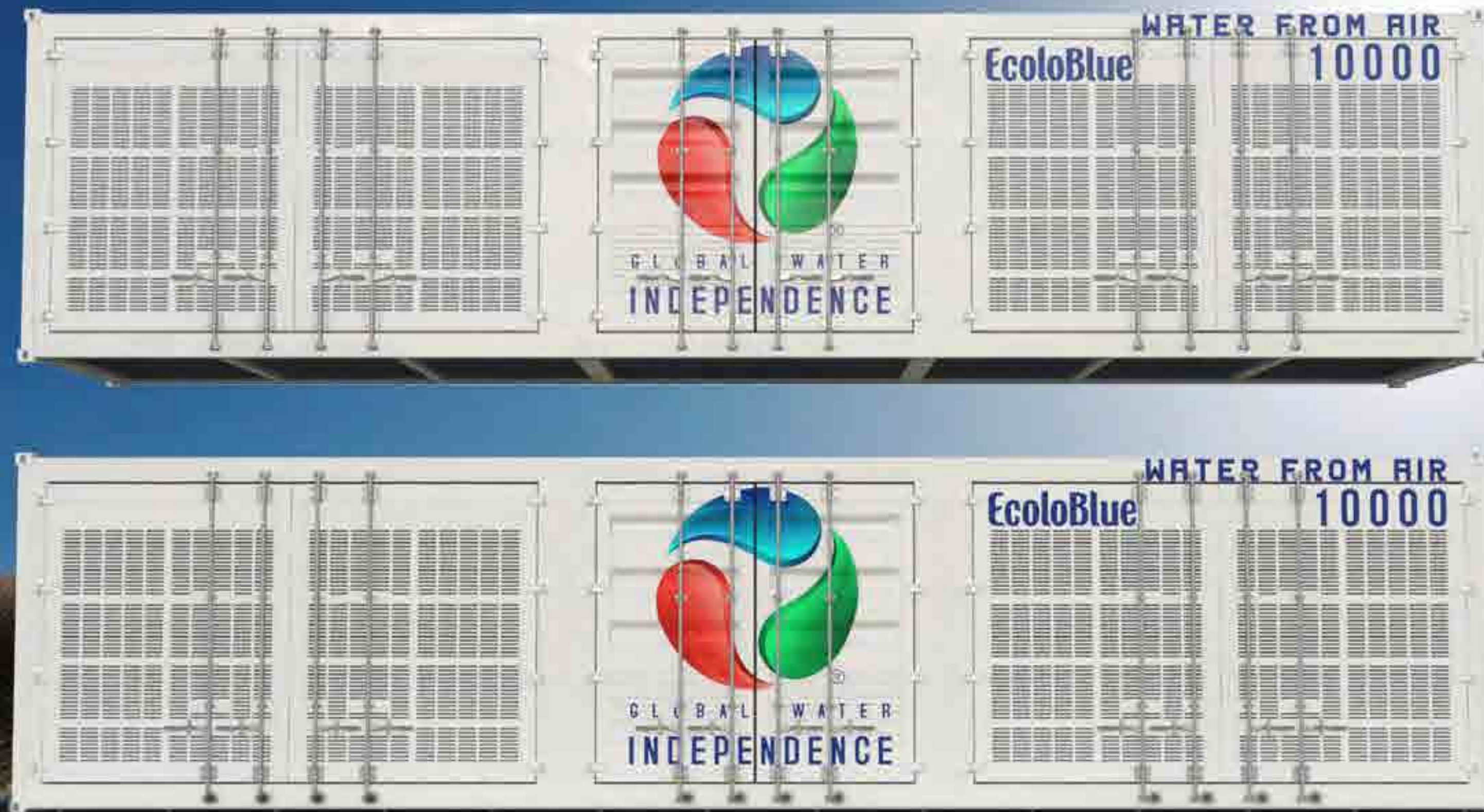
AREA REQUIRED

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or it CAN BE USED AS  
**LAYERS.....**  
ONE ON TOP OF THE OTHER

## AREA REQUIRED

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▼ SUGGESTED FOUNDATION FOR:



STRONG FOUNDATION

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▼ THE GENERATED WATER CAN BE:

PUMPED **ABOVE GROUND**  
OR **UNDERGROUND**  
TO THE CENTRAL FILTRATION SYSTEM



UNDERGROUND PIPE NETWORK

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 **EcoloBlue**  
WATER FROM AIR™

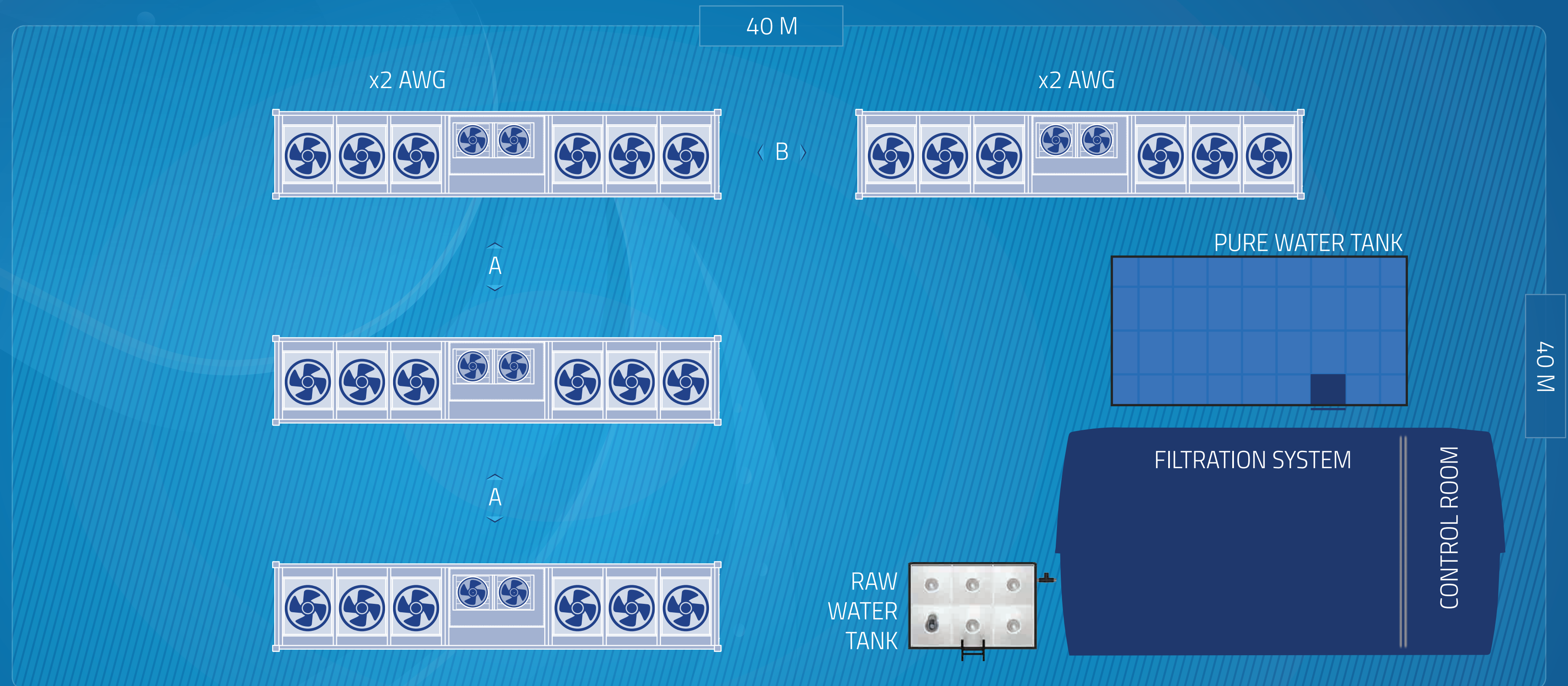


► **8 AWG PCS:**  
62000 LITERS/DAY

► **DISTANCE A:** 15 M  
**DISTANCE B:** 9.81 M

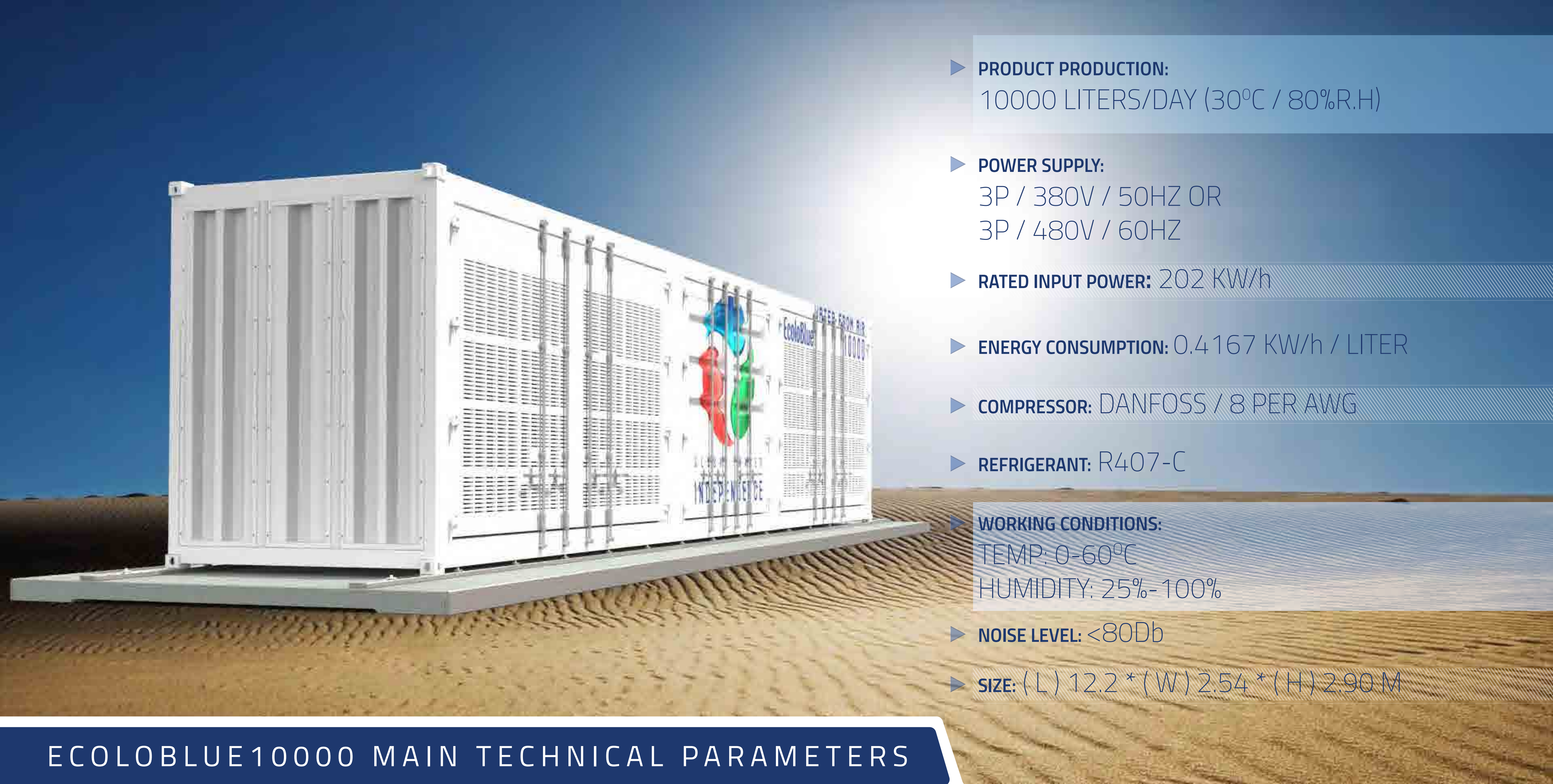
► **DIMENSIONS :**  
(L) 40.0 x (W) 40.0 M

► **AREA:**  
1600 M<sup>2</sup>



## WATER STATION TOP VIEW





- ▶ **PRODUCT PRODUCTION:**  
10000 LITERS/DAY (30°C / 80%R.H)
- ▶ **POWER SUPPLY:**  
3P / 380V / 50HZ OR  
3P / 480V / 60HZ
- ▶ **RATED INPUT POWER:** 202 KW/h
- ▶ **ENERGY CONSUMPTION:** 0.4167 KW/h / LITER
- ▶ **COMPRESSOR:** DANFOSS / 8 PER AWG
- ▶ **REFRIGERANT:** R407-C
- ▶ **WORKING CONDITIONS:**  
TEMP: 0-60°C  
HUMIDITY: 25%-100%
- ▶ **NOISE LEVEL:** <80Db
- ▶ **SIZE:** (L) 12.2 \* (W) 2.54 \* (H) 2.90 M

## ECOLOBLUE10000 MAIN TECHNICAL PARAMETERS





- ▶ **REFRIGERANT:** R407-C
- ▶ **VOLTAGE:** 380-400V / 3phase / 50Hz  
OR: 460V / 3phase / 60Hz
- ▶ **P.E.D MARKING**

|        | <b>LP SIDE</b> | <b>HP SIDE</b> |
|--------|----------------|----------------|
| PS     | 20 BAR         | 29.6 BAR       |
| TS MAX | 53°C           | 150°C          |
| TS MIN | -35°C          | -35°C          |
| VOLUME | 34.2 L         | 5.0L           |
- ▶ **LUBRIFICANT:** P.O.E 160SZ
- ▶ **QTY:** 8 PCS FOR EACH AWG UNIT



ECOLOBLUE10000 PARTS // DANFOSS COMPRESSOR

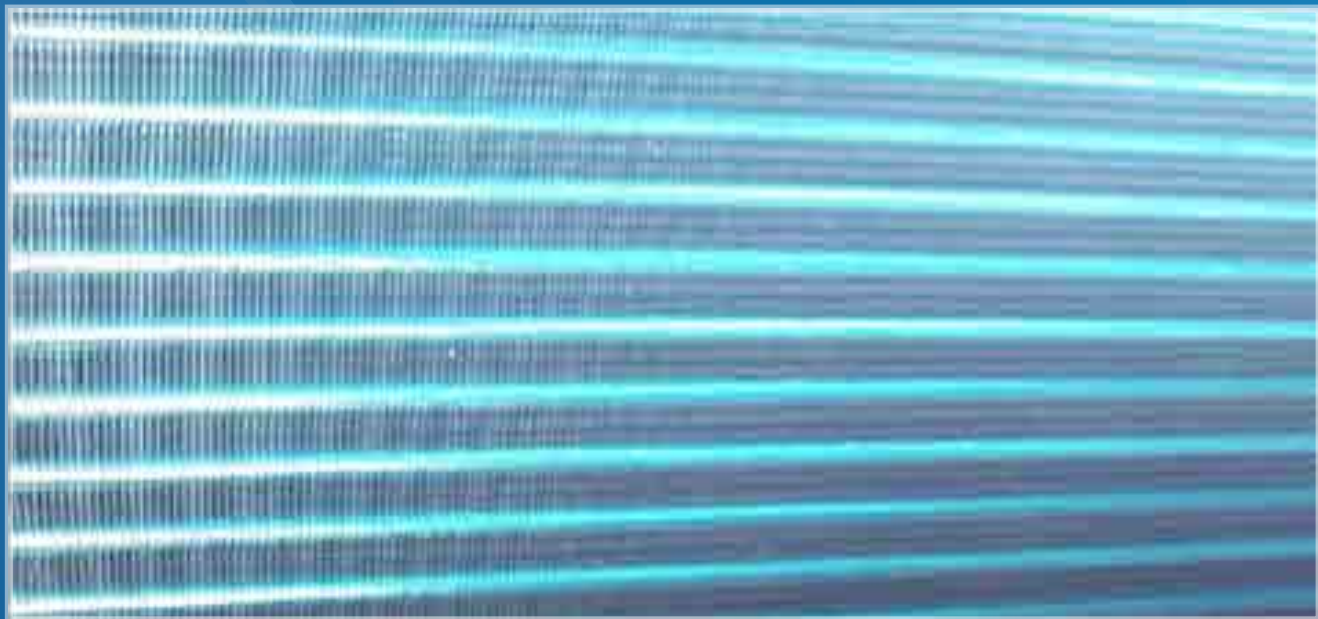


- ▶ THE **EVAPORATOR** AND **CONDENSER** ARE THE **FIN TYPE** WITH A SPECIAL PAINTING, **SUSTAINING** ALL THE DIFFERENT ENVIRONMENTAL LOCATION

- ▶ **EVAPORATOR AND CONDENSER**



- ▶ **FIN**

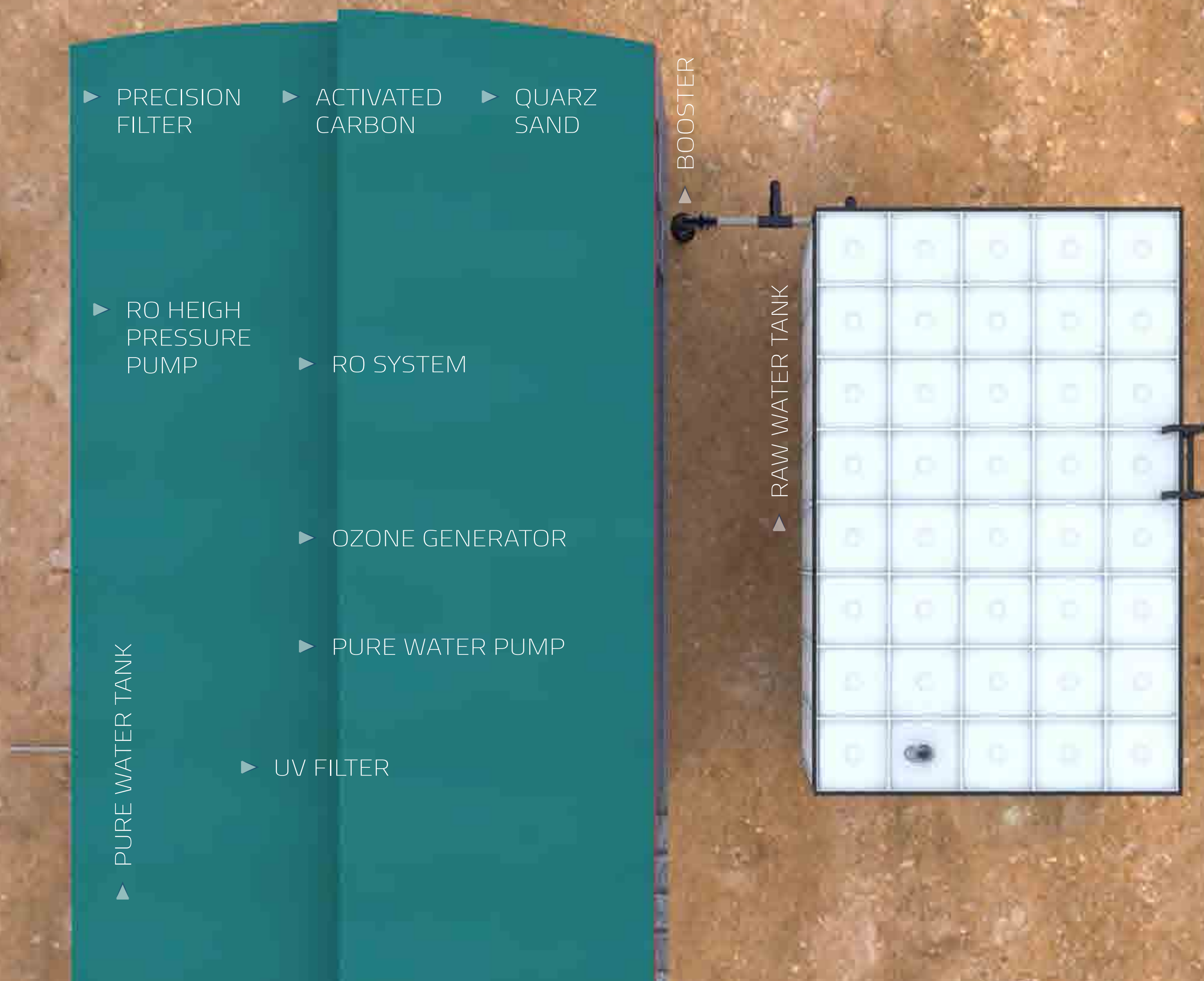


- ▶ THE **ABB** SWISS BRAND FREQUENCY MOTOR IS ABLE PRODUCING THE OPTIMAL WATER GENERATION CONSUMING **LESS ENERGY**, DUE TO ITS **VARIABLE FAN SPEED**.



ECOLOBLUE10000 PARTS // EVAPORATOR // CONDENSER // INVERTER



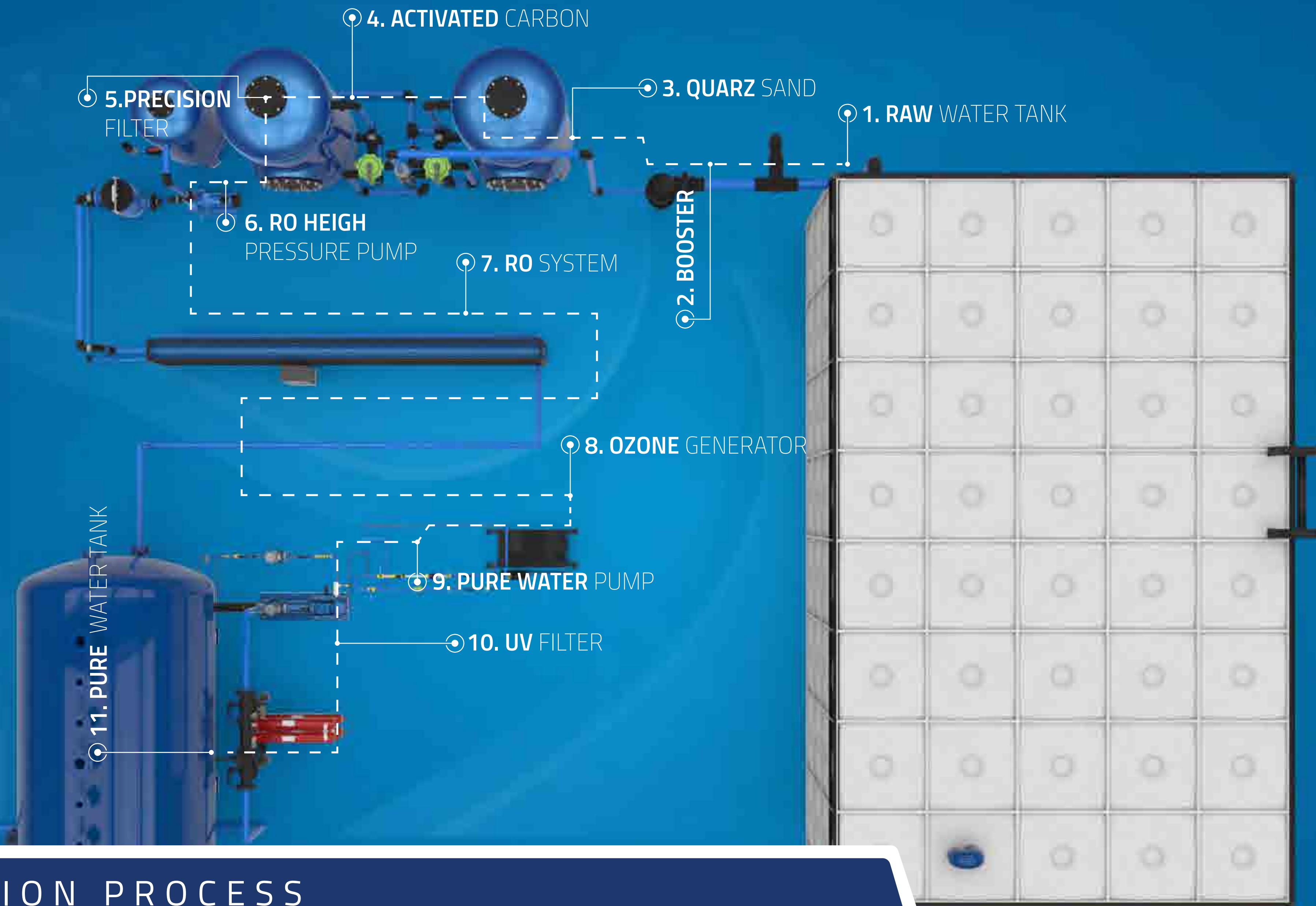


## INDOOR FILTRATION SYSTEM

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## FILTRATION PROCESS



► **PURE TANK CAPACITY:**

75000 LITERS

► **DIMENSIONS:**

(L) 5.0 x (W) 3.0 x (H) 3.0 M



► **RAW TANK CAPACITY:**

6000 LITERS

► **DIMENSIONS:**

(L) 2.0 x (W) 2.0 x (H) 2.0 M

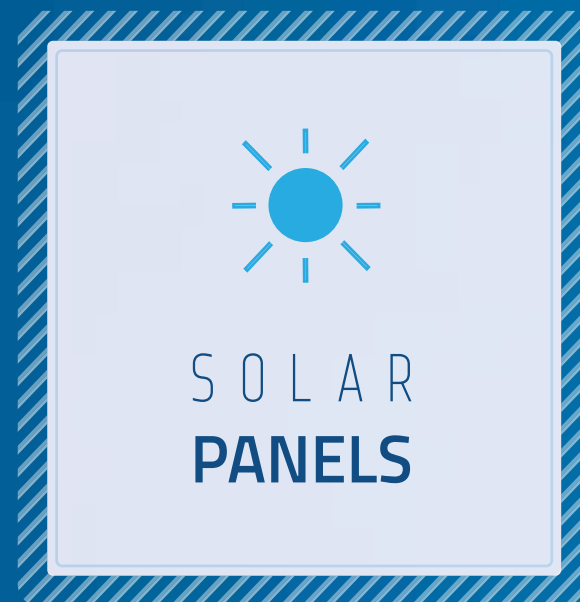


## PURE AND RAW WATER STORAGE TANKS

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ALL ECOLOBLUE  
ATHMOSPHERIC  
WATER GENERATORS  
ARE  
**100%**  
COMPATIBLES

- ▶ **AWG UNITS: 8 PCS**  
1616 KW/h
- ▶ **FILTRATION SYSTEM: 1**  
4.0 KW/h
- ▶ **TOTAL ENERGY CONSUMPTION:**  
 $(8 \text{ AWG} \times 202 \text{ KW/h}) + (1 \text{ FS} * 4.0 \text{ KW/h}) = 1620 \text{ KW/h}$

## ENERGY CONSUMPTION



## ▼ PROTECTION SYSTEM

- ▶ WHEN THE PROTECTION IS REQUIRED, THE MOTOR DRIVES THE CANVAS **DOWNWARDS** TO PROTECT THE MACHINE FROM ELEMENTS.



SANDSTORM PROTECTION: STANDARD ON AWG



## ► ECOLOBLUE 10000: INTERNAL SIDE VIEW



► The humidity from the air , taking in by the powerful new fan sistem, passes through the condenser that is cooled by the refrigerant.

► The height temperature of the evaporator allows the condenser to take the moisture from the air to generate water.

## METHODOLOGY

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LOCATION EXAMPLE / ABU DHABI

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## ▼ SHIPPING: WORLDWIDE BY SEA from Shanghai Port, China



- ▶ CERTIFICATE OF ORIGIN,
- ▶ INVOICE,
- ▶ PACKING LIST,
- ▶ CONTRACT,
- ▶ CUSTOMS POWER OF ATTORNEY,
- ▶ CUSTOMS DECLARATION,
- ▶ ELEMENTS FOR CUSTOMS DECLARATION



## SHIPPING METHOD

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- ▶ **1.1** With respect to ECOLOBLUE's warranty extended to operation and performance of each ECOLOBLUE device and replacement parts sold to Distributor other than consumables, the Products shall be subject to a one (1) year manufacturer's warranty for products that were defective when sold for any home/office unit and ten (10) year manufacturer's warranty for defective products for any ECOLOBLUE industrial unit (on all the components except filters.) Distributor, on behalf of itself and all of its representatives or agents, agrees not to make any representation or give any warranty with respect to any of the Products other than those made by ECOLOBLUE. In the event that Distributor does make any representation or warranty in violation of the foregoing, then Distributor agrees to indemnify and hold ECOLOBLUE harmless from any claims, demands, suits, proceedings, damages, liabilities or costs or losses of any nature or kind whatsoever arising out of or in any way connected with any such representation or warranty.
- ▶ **1.2** On-site training will take place upon arrival of the various units, one A/C refrigerant Engineer, and two A/C Technicians and one Electrical Engineer, are required running optimally the EcoloBlue Water Station.
- ▶ **1.3** We offer 5 years of free maintenance covering all the parts that could be malfunctioning

## SERVICES & AFTER SALES // WARRANTY MAINTENANCE & TRAINING



# WORLDWIDE PATENTS

ECOLOBLUE MACHINES ARE BUID BASED ON A PROPRIETARY TECHNOLOGY PROTECTED BY WORLDWIDE PATENTS

## INVENTION PATENTS

- APPARATUS AND METHODS FOR CREATING SPARKLING WATER
- VERSATILE ENVIRONMENTALLY CONSCIOUS APARATUS
- SYSTEM AND METHODS FOR POTABLE WATER PRODUCTION

## UTILITY PATENTS

- SPARKLING WATER
- INDUSTRIAL AIR TO WATER
- INDUSTRIAL AWG
- MUSIC INTEGRATION
- COFEE INTEGRATION
- ICE CREATION

## TRADEMARKS

- ECOLOBLUE'S TRICOLOR LOGO
- ECOLOBLUE'S ECOLOBLUE STANDARD CHARACTER MARK

## DESIGN PATENTS

- WATER SYSTEM
- SOLAR CHARGER
- BOTTLE



EcoloBlue owns 5 Patents of which two concern generating water below Dew Point, a mechanical process primarily implemented for the industrial units product line

EcoloBlue products have acquired Water tests from every continent in the world, performed by its local distributors or third party, all sustaining better Water quality then most bottled Water in their respective market ( all the results be found on [www.EcoloBlue.com](http://www.EcoloBlue.com) )

EcoloBlue is the only AWG company officially allowed to sell its products in Japan, having been awarded the Japanese Food Quarantine Certificate

Approved product by the Japanese Ministry of Defense ( in process for approval in the Kingdom of Saudi Arabia )

The Kingdom of Saudi Arabia has approved and certified EcoloBlue products for its commercial resell in the Kingdom ( documents are available upon request )

EcoloBlue products have been approved by the US National Guard for its use, for better quality Water and most economical solution vs. bottled Water

Approved by the FAO (Food and Agriculture Organization of the United Nation) located in Rome, Italy

EcoloBlue products are extensively used in the city of Flint, Michigan, US sustaining their Waterr, free from lead contamination ( press coverage is available upon request )

EcoloBlue has over 15,000 customers around the world, primarily in the United States using a home/office in their homes for their daily Water consumption

EcoloBlue home/office products are ROHS, CE, EMC and LVD certified

EcoloBlue industrial units are all CE certified using Danish American, Japanese and Danish compressors and Danish valves, German PLC system, American electronics, South-Korean filters for its key and critical components all complying to all the reputable and recognized certifications

EcoloBlue is approved by the Vietnamese Government

## ECOLOBLUE CREDENTIALS

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| ▼ PRODUCT LIST:            | ▼ DESCRIPTION:          | ▼ QTY: | ▼ UNIT PRICE: (\$ USD) | ▼ SUB TOTAL: (\$ USD) |
|----------------------------|-------------------------|--------|------------------------|-----------------------|
| AWG UNIT                   | 10000 LITERS/DAY @202KW | 8      | \$ 343,700             | \$ 2,749,600          |
| FILTRATION SYSTEM          | 100000 LITERS/DAY       | 1      | \$ 58,740              | \$ 58,740             |
| RAW WATER STORAGE TANK     | CAPACITY : 6000 LITERS  | 1      | \$ 3,775               | \$ 3,775              |
| PURE WATER STORAGE TANK    | CAPACITY : 75000 LITERS | 1      | \$ 10,256              | \$ 10,256             |
| PLC NETWORK CONTROL SYSTEM |                         | 1      | \$ 13,705              | \$ 13,705             |

## ESTIMATED COSTS

**TOTAL:** \$ 2,836,100



## ECOLOBLUE, INC.

### EAST COAST

3109 Grand Avenue  
# 423 Miami // FL  
33133 USA

### SALES AND TECH SUPPORT

Monday to Friday from  
9:00 AM to 6:00 PM // PT

800 - 691 - 6043  
+1 (925) - 231 - 0206

### WEST COAST

5702 Marsh Drive  
Unit K Pacheco // Ca  
94553 USA

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WEB : [www.ecoloblue.com](http://www.ecoloblue.com)

 /EcoloBlueInc

 /EcoloBlue

## ECOLOBLUE CHINA

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 /Ebkingdom

CALL US : 9200 1 2580





**EcoloBlue**  
WATER FROM AIR™

THANK YOU FOR CHOOSING ECOLOBLUE