

# OUR RANGE



**2022/2023**

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The Wallaby range comes in six models : W1, W2, W3 and their solar versions WS1, WS2 and WS3. It is powered by electrical power or solar panels. The water production is calculated by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR.

## TECHNICAL SPECIFICATIONS

Operating temperature : +41 +167°F (+5 +75°C)  
 Storage temperature : +75°C  
 Operating humidity rate : >10%  
 Power supply : Tri 400V 50Hz / Tri 480V 60Hz  
 Authorized phase variation:  $\pm 2$ Hz  
 Authorized voltage variation:  $\pm 8$ %  
 Other information on p.2  
 Noise level : 74dBa

### Certifications

Electricity : IEC 60204-1  
 Water quality : IS-5452 (Israeli Standard)  
 ISO-24510, ISO-46001

### Cold production room

Coolant : R513A / R454C depending on the region  
 COP > 6

### Heat exchanger

Inox 316 grid

### Water treatment

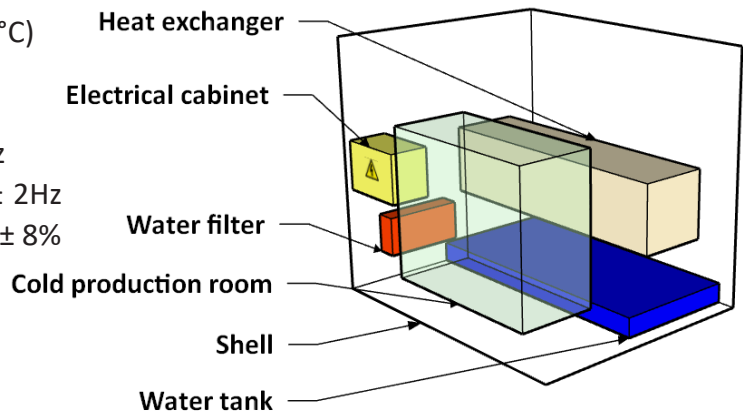
Filter 500µm  
 Activated carbon filter  
 Filter 50µm  
 UV lamp treatment

### Air treatment

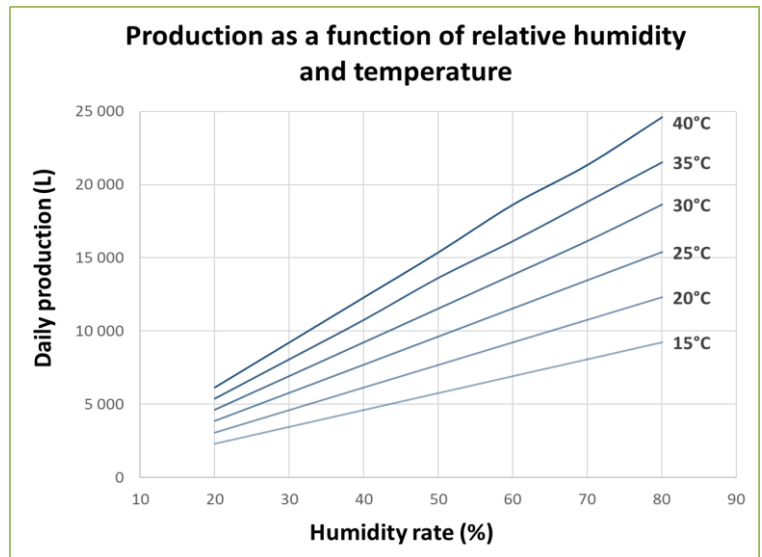
Inox 304 pre-filter  
 Category G4 dust filter with antibacterial treatment

### Water analysis sensors

Certified NF ISO 15839 (T 90-550)  
 "Water quality - Analysis equipment/direct sensors for water - Specifications and performance tests"

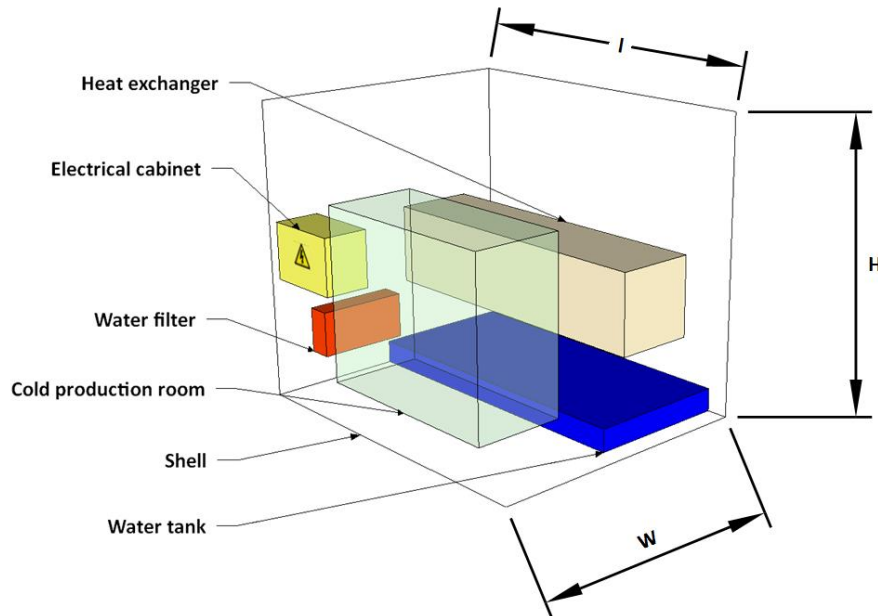


*AWG Scheme*



*Water production diagramm for E10 AWG*

## Product specificity



WALLABY	Specification	W1 Model	W2 Model	W3 Model	WS1 Model	WS2 Model	WS3 Model
Production*	L / day ( US Gal / day)	250 (66)	500 (132)	750 (198)	150 (40)	300 (80)	500 (132)
Dimensions**	L x W x H	2930mm x 2200mm 2260mm (9'7" x 7'3" x 7'5")					
Empty mass	kg (lbs)	1495	1630	1790	1330	1410	1480
Number of solar panels		-			8	16	24
Panel production / Battery capacity		-			3000 / 6000	6000 / 9000	9000 / 12000
General consumption	W / Wh	2830	5750	8100	2830	5750	8100
Circuit breaker intensity	A	25 / 32					
Internal power supply	-	4Ph, 4 x 10mm <sup>2</sup>					
Fan	Air flow Nm <sup>3</sup> /h (CFM)	1200 (706)	2350 (8830)	3800 (8830)	1200 (706)	2350 (8830)	3800 (8830)
	Static pressure	350 Pa (0,05 psi)					

\* These productions are defined by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR

\*\* Dimensions do not include solar panels - these have a size of 1700mm x 1000mm

### Transport

Handling on AWGs can be done by clark of crane.  
Impact resistance - tested from 1 meter drop.

### Shell

Container : AFNOR standards

### Switching on

Production cannot be done in motion.  
When the generator is placed, 20 minutes are enough to have a production.

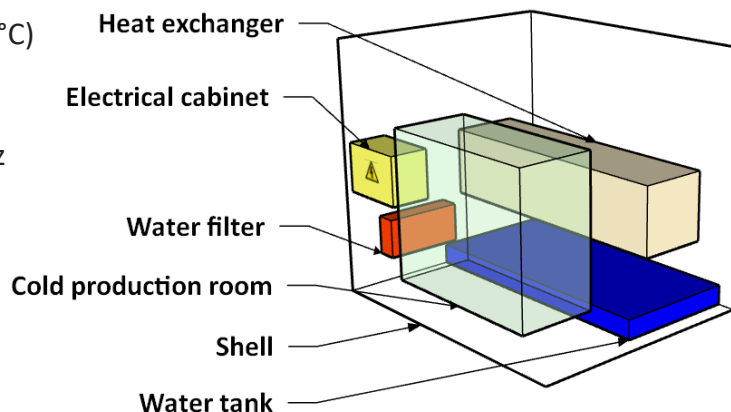
### Precaution

A space of 3 metres is required upstream and downstream of the airflow.

The Kangaroo range comes in four models : K1, K1P, K1R et KARSolar. It can be adapted to various modes of different modes of transport, whether on a trailer or directly on a pick-up. The water production is calculated by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR.

## TECHNICAL SPECIFICATIONS

Operating temperature : +41 +167°F (+5 +75°C)  
 Storage temperature : +75°C  
 Operating humidity rate : >10%  
 Power supply : Tri 400V 50Hz / Tri 440V 60Hz  
 Circuit breaker intensity : 40A  
 Other information on p.2  
 Noise level : 74dBa



*AWG Scheme*

### Certifications

Electricity : IEC 60204-1  
 Water quality : IS-5452 (Israeli Standard)  
 ISO-24510, ISO-46001

### Cold production room

Coolant : R513A / R454C depending on the region  
 COP > 6

### Heat exchanger

Inox 316 grid

### Water treatment

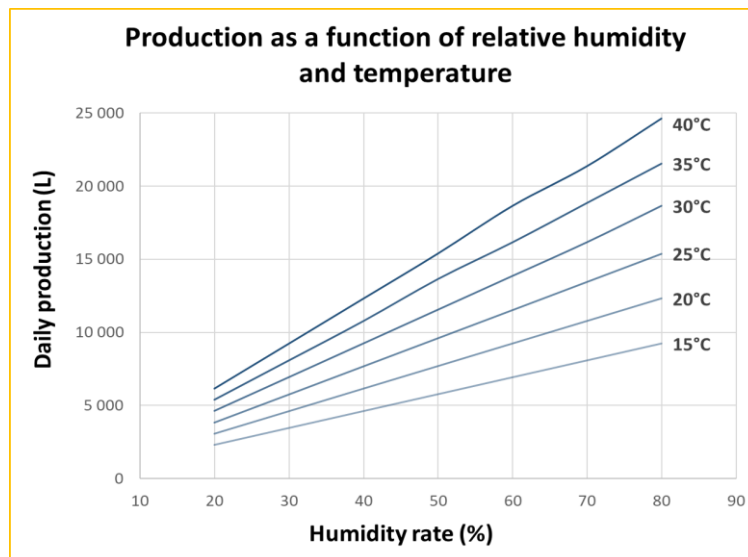
Filter 500µm  
 Activated carbon filter  
 Filter 50µm  
 UV lamp treatment

### Air treatment

Inox 304 pre-filter  
 Category G4 dust filter with antibacterial treatment

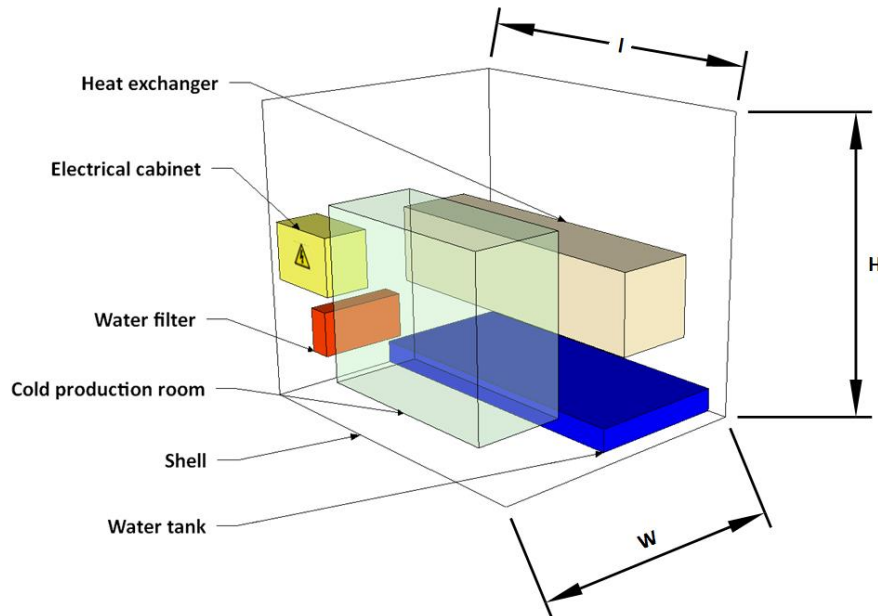
### Water analysis sensors

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*Water production diagramm for E10 AWG*

## Product specificity



KANGAROO	Spécification	K1 Model	K1P Model	K1R Model	K1RSolar Model
Production*	L / day ( US Gal / day)	1135 (300)			
Dimensions	L × W × H	2991mm × 2440mm × 2591mm (9'10" × 8' × 8'6")	2622mm × 1980mm × 1540mm (8'7" × 6'6" × 5'6")	4350mm × 2280mm × 2360mm (14'3" × 7'6" × 7'9")	4350mm × 2280mm × 2360mm (14'3" × 7'6" × 7'9")
Empty mass	kg (lbs)	2430 (5360)			
Shell	-	Container	Pick-Up	Trailer	Trailer
General consumption	W	8400			
Internal power supply	-	4Ph, 4 × 10mm <sup>2</sup>			
Fan	Air flow Nm <sup>3</sup> /h (CFM)	5300 (3120)			
	Static pressure	350 Pa (0,05 psi)			

\* These productions are defined by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR

### Transport

Handling on AWGs can be done by clark of crane.  
Impact resistance - tested from 1 meter drop.

### Shell

Container : AFNOR standards

### Switching on

Production cannot be done in motion.  
When the generator is placed, 20 minutes are enough to have a production.

### Precaution

A space of 3 metres is required upstream and downstream of the airflow.

The Elephant range comes in three models : E3, E5 et E10. It is powered by electrical power. The water production is calculated by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR.

## TECHNICAL SPECIFICATIONS

Operating temperature : +41 +167°F (+5 +75°C)  
 Storage temperature : +75°C  
 Operating humidity rate : >10%  
 Power supply : Tri 400V 50Hz  
 Authorized phase variation:  $\pm 2$ Hz  
 Authorized voltage variation:  $\pm 8$ %  
 Other information on p.2  
 Noise level : 74dBa

### Certifications

Electricity : IEC 60204-1  
 Water quality : IS-5452 (Israeli Standard)  
 ISO-24510, ISO-46001

### Cold production room

Coolant : R513A / R454C depending on the region  
 COP > 6

### Heat exchanger

Inox 316 grid

### Water treatment

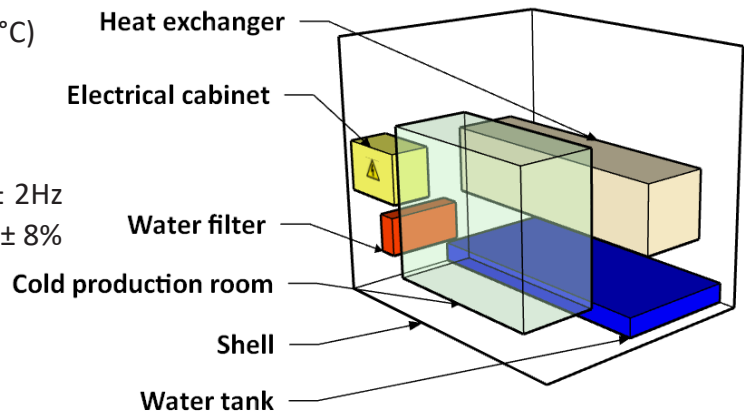
Filter 500 $\mu$ m  
 Activated carbon filter  
 Filter 50 $\mu$ m  
 UV lamp treatment

### Air treatment

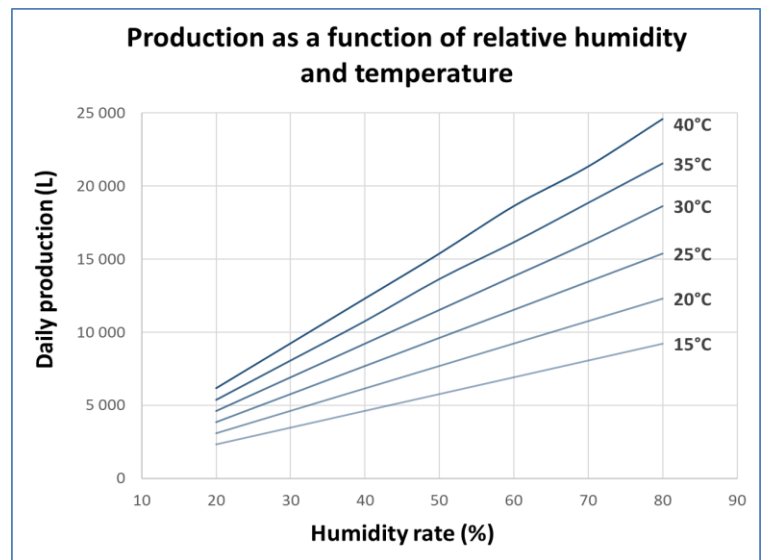
Inox 304 pre-filter  
 Category G4 dust filter with antibacterial treatment

### Water analysis sensors

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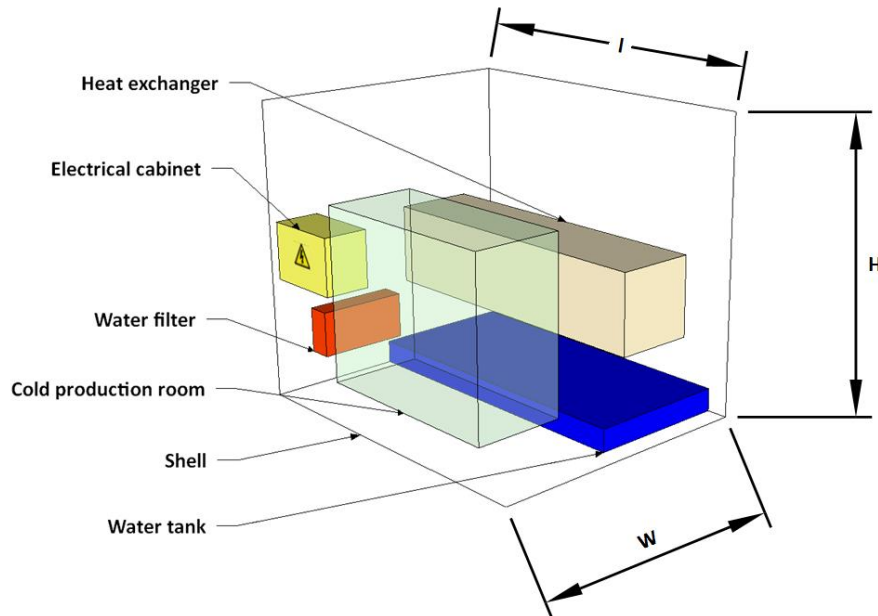


*AWG Scheme*



*Water production diagramm for E10 AWG*

## Product specificity



ELEPHANT	Specification	E3 Model	E5 Model	E10 Model
Production*	L / day ( US Gal / day)	3500 (925)	5200 (1375)	10400 (2750)
Dimensions	L × W × H	6060mm × 2440mm × 2590mm (19'10" × 8' × 8'6")	6060mm × 2440mm × 2590mm (19'10" × 8' × 8'6")	12120mm (2×6060mm) × 2440mm × 2590mm (39'9" × 8' × 8'6")
Empty mass	kg (lbs)	5700 (12565)	6100 (13450)	9800 (21605)
General consumption	W	7290	10830	21750
Circuit breaker intensity	A	25 / 32	63 / 68	120 / 135
Internal power supply	-	4Ph, 4 × 10mm <sup>2</sup>	4 Ph, 4 × 16mm <sup>2</sup>	4Ph, 4 × 35mm <sup>2</sup>
Fan	Air flow Nm <sup>3</sup> /h (CFM)	9300 (5475)	15000 (8830)	30000 (17660)
	Static pressure	350 Pa (0,05 psi)		

\* These productions are defined by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR

### Transport

Handling on AWGs can be done by clark of crane.  
Impact resistance - tested from 1 meter drop.

### Shell

Container : AFNOR standards

### Switching on

Production cannot be done in motion.  
When the generator is placed, 20 minutes are enough to have a production.

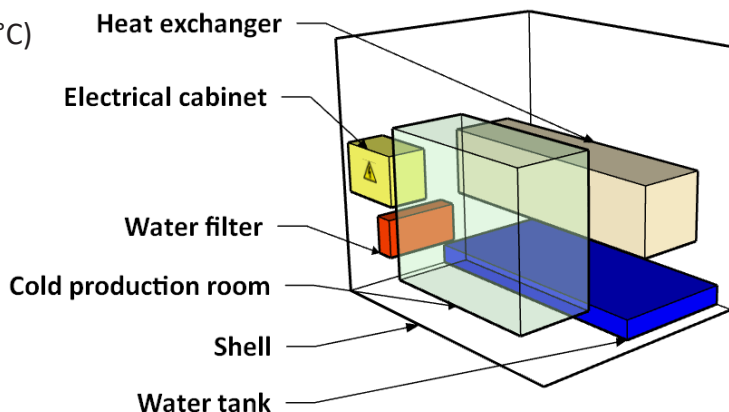
### Precaution

A space of 3 metres is required upstream and downstream of the airflow.

The Tiger range comes in three models : T3, T5 et T10. It is powered by solar panels. It should be noted that technical specifications for solar fields are not given, as these vary according to location and supplier. The water production is calculated by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR.

## TECHNICAL SPECIFICATIONS

Operating temperature : +41 +167°F (+5 +75°C)  
 Storage temperature : +75°C  
 Operating humidity rate : >10%  
 Power supply : Tri 400V 50Hz  
 Other information on p.2  
 Noise level : 74dBa



*AWG Scheme*

### Certifications

Electricity : IEC 60204-1  
 Water quality : IS-5452 (Israeli Standard)  
 ISO-24510, ISO-46001

### Cold production room

Coolant : R513A / R454C depending on the region  
 COP > 6

### Heat exchanger

Inox 316 grid

### Water treatment

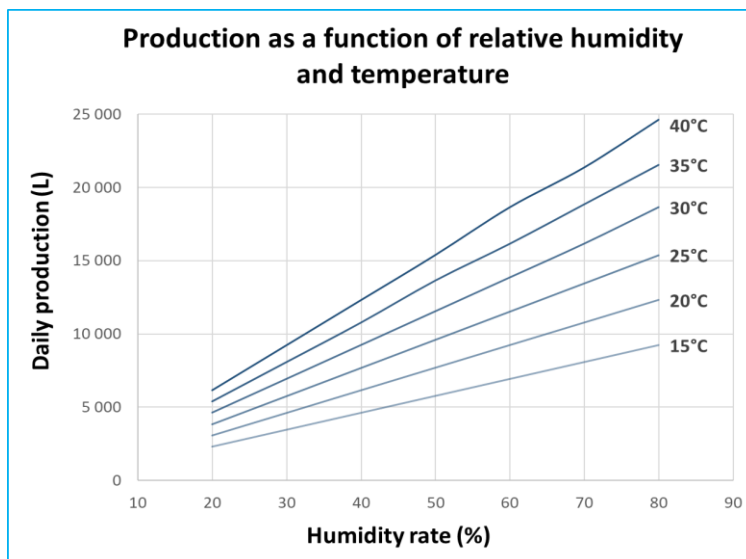
Filter 500µm  
 Activated carbon filter  
 Filter 50µm  
 UV lamp treatment

### Air treatment

Inox 304 pre-filter  
 Category G4 dust filter with antibacterial treatment

### Water analysis sensors

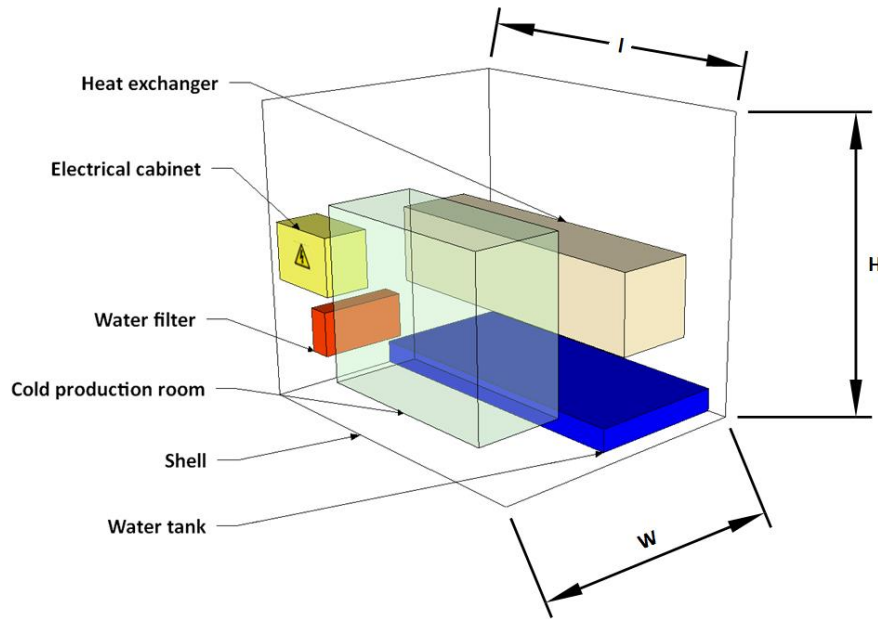
Certified NF ISO 15839 (T 90-550)  
 "Water quality - Analysis equipment/direct sensors for water - Specifications and performance tests"



*Water production diagramm for E10 AWG*



## Product specificity



TIGER	Specification	T3 Model	T5 Model	T10 Model
Production*	L / day ( US Gal / day)	3500 (925)	5200 (1375)	10400 (2750)
Dimensions	L × W × H	6060mm × 2440mm × 2590mm (19'10" × 8' × 8'6")	6060mm × 2440mm × 2590mm (19'10" × 8' × 8'6")	12120mm (2×6060mm) × 2440mm × 2590mm (39'9" × 8' × 8'6")
Empty mass	kg (lbs)	6100 (13450)	6400 (14110)	7650 (16865)
General consumption	W	7290	10830	21750
Fan	Air flow Nm <sup>3</sup> /h (CFM)	9300 (5475)	15000 (8830)	30000 (17660)
	Static pressure	350 Pa (0,05 psi)		

\* These productions are defined by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR

### Transport

Handling on AWGs can be done by clark of crane.  
Impact resistance - tested from 1 meter drop.

### Shell

Container : AFNOR standards

### Switching on

Production cannot be done in motion.  
When the generator is placed, 20 minutes are enough to have a production.

### Precaution

A space of 3 metres is required upstream and downstream of the airflow.

The Buffalo range comes in three models : B3, B5 et B10. It is powered by electrical power and gas. The gas supplies the cooling chamber and the other modules are electrically powered. The water production is calculated by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR.

## TECHNICAL SPECIFICATIONS

Operating temperature : +41 +167°F (+5 +75°C)  
 Storage temperature : +75°C  
 Operating humidity rate : >10%  
 Power supply : Gas  
                   Electricity : Tri 400V 50Hz  
                   Other information on p.2  
 Noise level : 74dBa

### Certifications

Electricity : IEC 60204-1  
 Water quality : IS-5452 (Israeli Standard)  
                   ISO-24510, ISO-46001

### Cold production room

Coolant : R513A / R454C depending on the region  
 COP > 6

### Heat exchanger

Inox 316 grid

### Water treatment

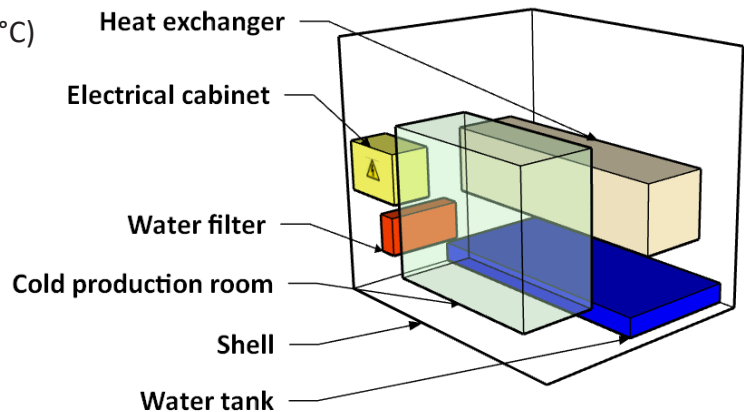
Filter 500µm  
 Activated carbon filter  
 Filter 50µm  
 UV lamp treatment

### Air treatment

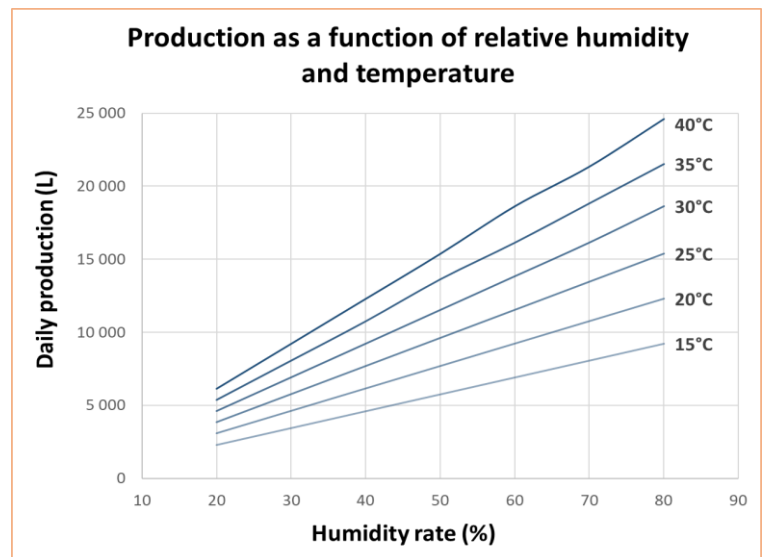
Inox 304 pre-filter  
 Category G4 dust filter with antibacterial treatment

### Water analysis sensors

Certified NF ISO 15839 (T 90-550)  
 "Water quality - Analysis equipment/direct sensors for water - Specifications and performance tests"

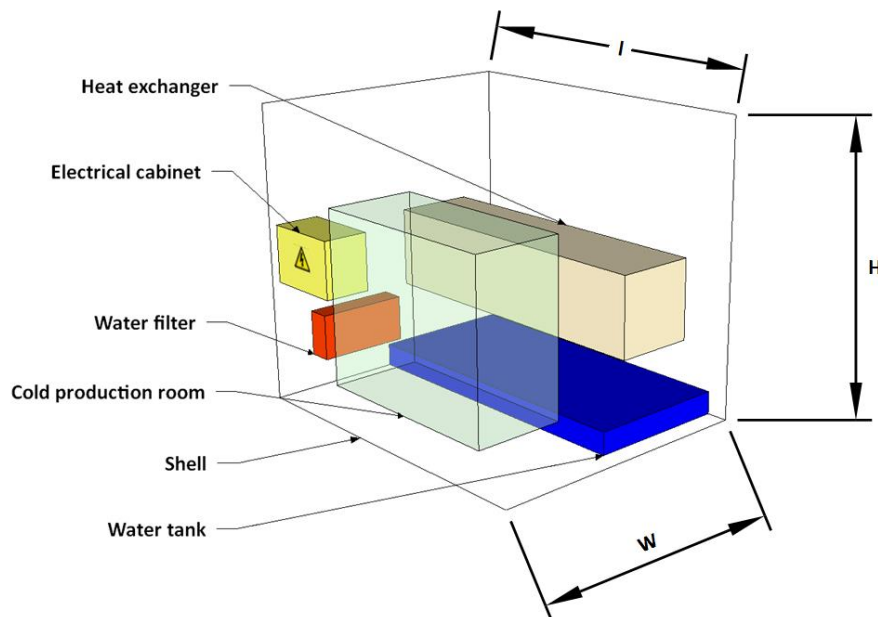


*AWG Scheme*



*Water production diagramm for E10 AWG*

## Product specificity



BUFFALO	Specification	B3 Model	B5 Model	B10 Model
Production*	L / day ( US Gal / day)	3500 (925)	5200 (1375)	10400 (2750)
Dimensions	L × W × H	6060mm × 2440mm × 2590mm (19'10" × 8' × 8'6")	6060mm × 2440mm × 2590mm (19'10" × 8' × 8'6")	12120mm (2×6060mm) × 2440mm × 2590mm (39'9" × 8' × 8'6")
Empty mass	kg (lbs)	5900 (13010)	6300 (13890)	7650 (16865)
Electrical Consumption	W	7290	10830	21750
Gas consumption	Nm <sup>3</sup> /h (CFM)	0,73 (0,43)	1,2 (0,7)	2,2 (1,29)
Fan	Air flow Nm <sup>3</sup> /h (CFM)	9300 (5475)	15000 (8830)	30000 (17660)
	Static pressure	350 Pa (0,05 psi)		

\* These productions are defined by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR

### Transport

Handling on AWGs can be done by clark of crane.  
Impact resistance - tested from 1 meter drop.

### Shell

Container : AFNOR standards

### Switching on

Production cannot be done in motion.  
When the generator is placed, 20 minutes are enough to have a production.

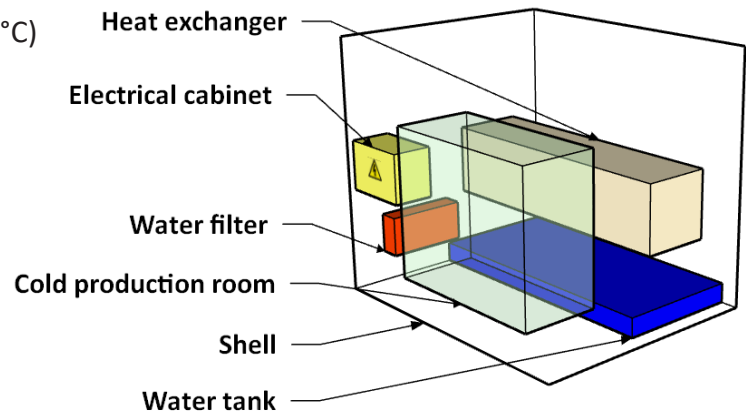
### Precaution

A space of 3 metres is required upstream and downstream of the airflow.

The Castor range comes in three models : C3, C5 et C10. It is powered by fossil energy. The water production is calculated by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR.

## TECHNICAL SPECIFICATIONS

Operating temperature : +41 +167°F (+5 +75°C)  
 Storage temperature : +75°C  
 Operating humidity rate : >10%  
 Power supply : Fuel  
 Other information on p.2  
 Noise level : 74dBa



*AWG Scheme*

### Certifications

Electricity : IEC 60204-1  
 Water quality : IS-5452 (Israeli Standard)  
 ISO-24510, ISO-46001

### Cold production room

Coolant : R513A / R454C depending on the region  
 COP > 6

### Heat exchanger

Inox 316 grid

### Water treatment

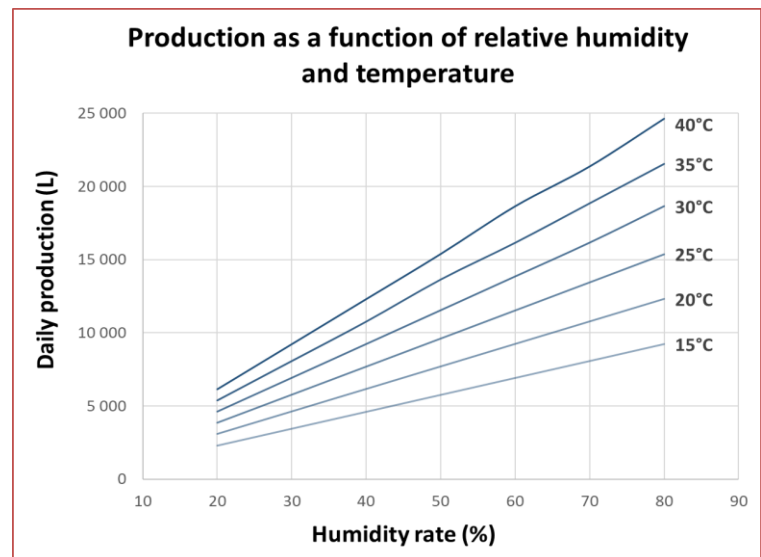
Filter 500µm  
 Activated carbon filter  
 Filter 50µm  
 UV lamp treatment

### Air treatment

Inox 304 pre-filter  
 Category G4 dust filter with antibacterial treatment

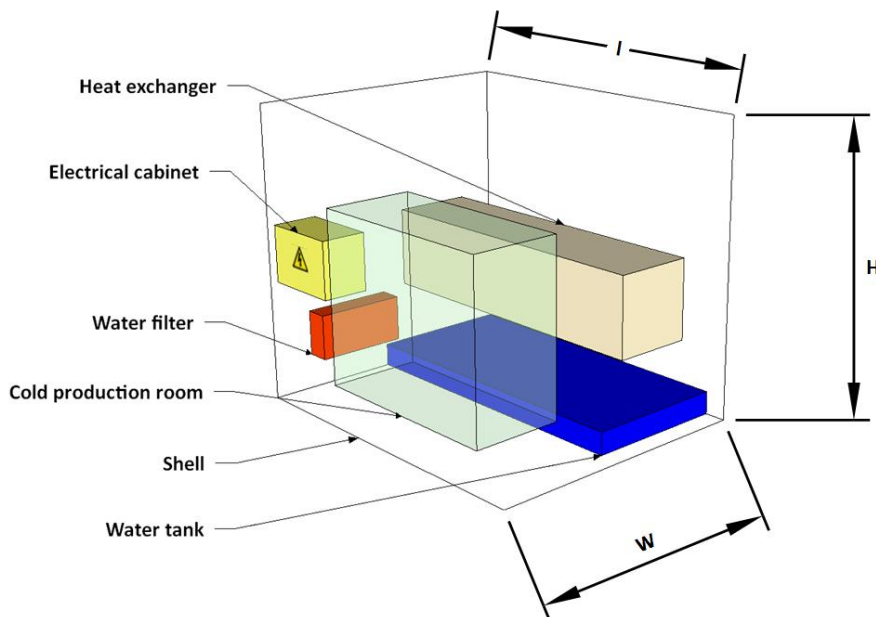
### Water analysis sensors

Certified NF ISO 15839 (T 90-550)  
 "Water quality - Analysis equipment/direct sensors for water - Specifications and performance tests"



*Water production diagramm for E10 AWG*

## Product specificity



CASTOR	Specification	C3 Model	C5 Model	C10 Model
Production*	L / day ( US Gal / day)	3500 (925)	5200 (1375)	10400 (2750)
Dimensions	L x W x H	6060mm x 2440mm x 2590mm (19'10" x 8' x 8'6")	6060mm x 2440mm x 2590mm (19'10" x 8' x 8'6")	12120mm (2x6060mm) x 2440mm x 2590mm (39'9" x 8' x 8'6")
Empty mass	kg (lbs)	5900 (13005)	6300 (13890)	9800 (21605)
General Consumption	L / h (Gal / hour)	0,8 (0,21)	1,3 (0,26)	2,42 (0,53)
Fan	Air flow Nm <sup>3</sup> /h (CFM)	9300 (5475)	15000 (8830)	30000 (17660)
	Static pressure	350 Pa (0,05 psi)		

\* These productions are defined by using the industrial norm ANSI/AHAM with conditions of 80°F (27°C) and 60% HR

### Transport

Handling on AWGs can be done by clark of crane.  
Impact resistance - tested from 1 meter drop.

### Shell

Container : AFNOR standards

### Switching on

Production cannot be done in motion.  
When the generator is placed, 20 minutes are enough to have a production.

### Precaution

A space of 3 metres is required upstream and downstream of the airflow.

## WATER ANALYSIS

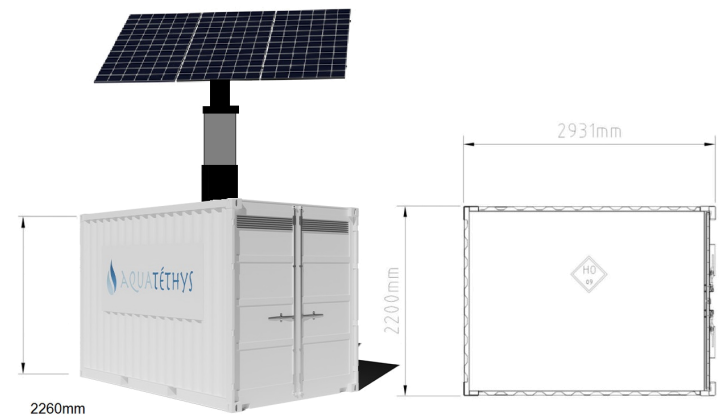
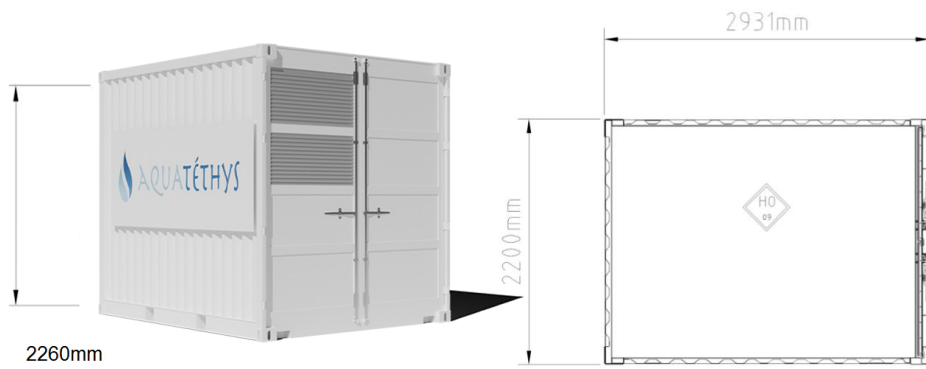
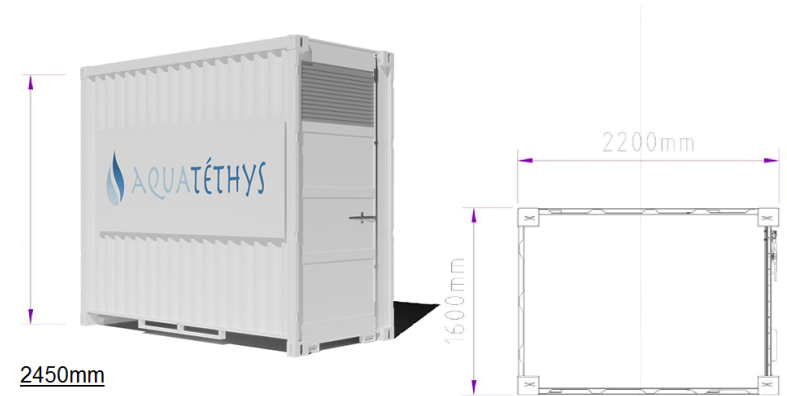
		Conductivity ( $\mu\text{S/cm}$ )	pH	Chloride (mg/L)	Calcium (mg/L)	Iron (mg/L)	Copper (mg/L)	Nitrates (mg/L)	Microbiological parameters - E.U standard (Number of colonies at 22°C)
<b>OMS Standards</b>		< 400	6,5 - 7,2	< 250	> 15	< 400	< 2	< 250	< 20/mL
<b>Ewater after mineralization</b>		400	7,2	3,3	> 20	0,06	0,01	0,04	1
<b>Porquerolles, FR</b> Dusty and salty atmosphere	<b>Composition out of AWG</b>	24	7	1,5	> 20	0,11	0,01	0,04	1
	<b>Composition after 3 months without cleaning filters</b>	38	7	1,8	> 20	0,19	0,01	0,04	8
<b>Gironde, FR</b> Industrial and agricultural environment with pollutants (Pb, NH <sub>3</sub> )	<b>Composition out of AWG</b>	28	7,2	3,3	28	0,06	0,01	0,04	1
	<b>Composition after 2 months without cleaning filters</b>	51	7,2	3,5	27	0,08	0,02	0,04	4
	<b>Composition after 6 months storage</b>	28	7,2	3,3	28	0,06	0,01	0,04	1
	<b>Composition after 12 months storage</b>	28	7,2	3,3	28	0,06	0,01	0,04	8

### Note

The equipment used for sampling and the methods used are as follows:

- NF EN ISO 7887
- NF EN ISO 10523
- NF EN ISO 8467

The storage conditions follow the standard NF EN ISO 15680



**Suricate 1**