



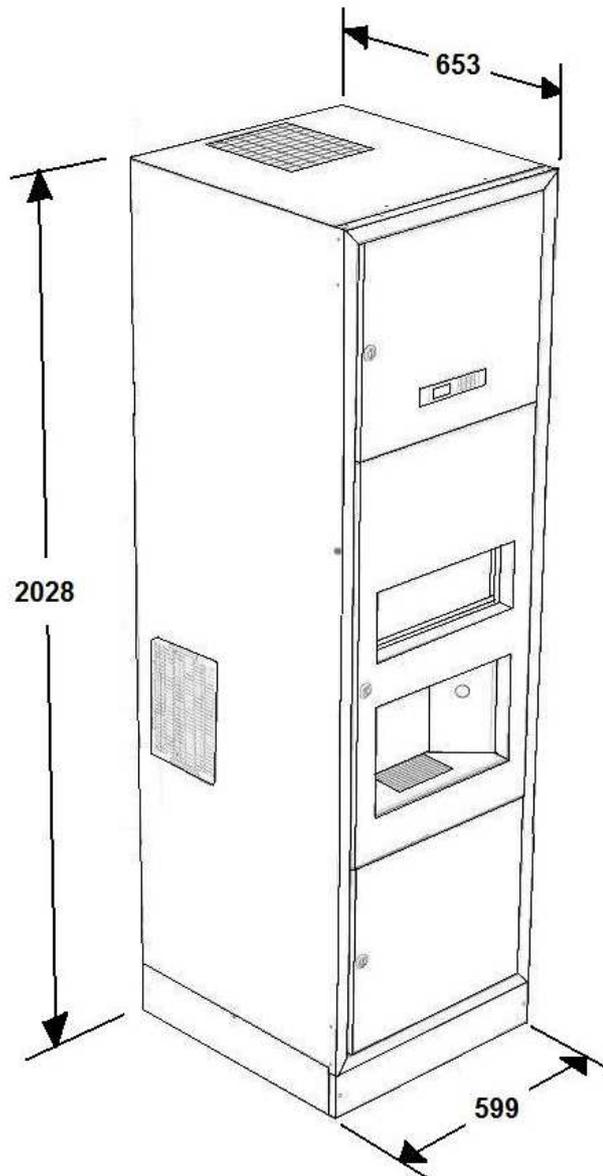
NEW ECO- AQUAIR 250 UNIVERSAL (AQ250 U)

UNIT SPECIFICATIONS



- Daily maximum capacity production: up to 260 liters approx. /day.
- Cost per liter: 0,2 kWh/l approx.
- Wide operation field for extreme conditions:
 - Temperature limits 5° C-55° C.
 - Relative humidity limits 20%-99%.
- Single-phase operation, 220 V. 50-60 Hz. 15 A.
- Programmable timer
- 3 compartments.
- Sliding side rods for easy handling.
- Built-in 50 liters water tank.
- Water treatment system.
- Resistant materials to rough environments conditions.
- Reinforced wheels.
- Easy adapt to custom engineering projects
- Easy set up and maintenance.
- Automatic switch on/off
- Viewer water tank level
- Visor of water production.
- Environment friendly
- Sanitary registration nº 200761400005519
- Any electrical energy, including renewable.

DIMENSIONS



AVERAGE WATER PRODUCTION AND ENERGY CONSUMPTION PER LITER

Environment conditions	10°C -90%HR	30°C -85%HR	40°C -90%HR
Water production	3,1 l/h	8,2 l/h	10,5 l/h
Absorbed power	1,5 kWh	2,6 kWh	3 kWh
Power per liter	0,5 kWh/l	0,32 kWh/l	0,28 kWh/l

PERFORMANCE/OPERATING LIMITS. Temperature and relative humidity, maximum and minimum

Temperature	5°C-55°C
Relative humidity	20%-99%

CARACTERÍSTICAS TÉCNICAS

Water production	Nominal	8 l/h (30°C -80%HR)
	Nominal absorbed power	2,2 kWh
Compresor	Type	Hermetc Alternative
	Brand	DANFOSS-MANEUROP
	Model	MTZ022
	Displacement(l/s)	1,84
	Nominal power CV	1 3/4 CV
Fan	Nominal flow	1000 m3/h
	Type	Centrifuge 3 speeds
	Available static preassure	v1:8 mm. c.a. v2:2 mm.c.a.
	Power	0,42 kW-1350 rpm
Cooling circuit	Gas	R-407 C
	Gas Load	2 Kg
	Expansion	Thermostatic valve
Electric Characteristics	Voltage	230 V-I-50 Hz
	Max operating current	15 A
Sound Level	Sonic preassure	33 dB (A)
Dimensions	high	2028 mm
	Wide	599 mm
	Deep	653 mm
	weight	230 kg

AQ250 U WATER PRDUCTION AND POWER COMSUMPTION

The production capacity of **AQ250 U** is linked to environment conditions. That means, in an environment warm and wet, with a higher content of water vapor, the production capacity is greater than in a dry place.

This diagram represents the production of water per hour by the **AQ250 U** unit and electricity consumption per liter, depending on the environmental conditions, temperature and relative humidity to be registered at all times in every geographic area.

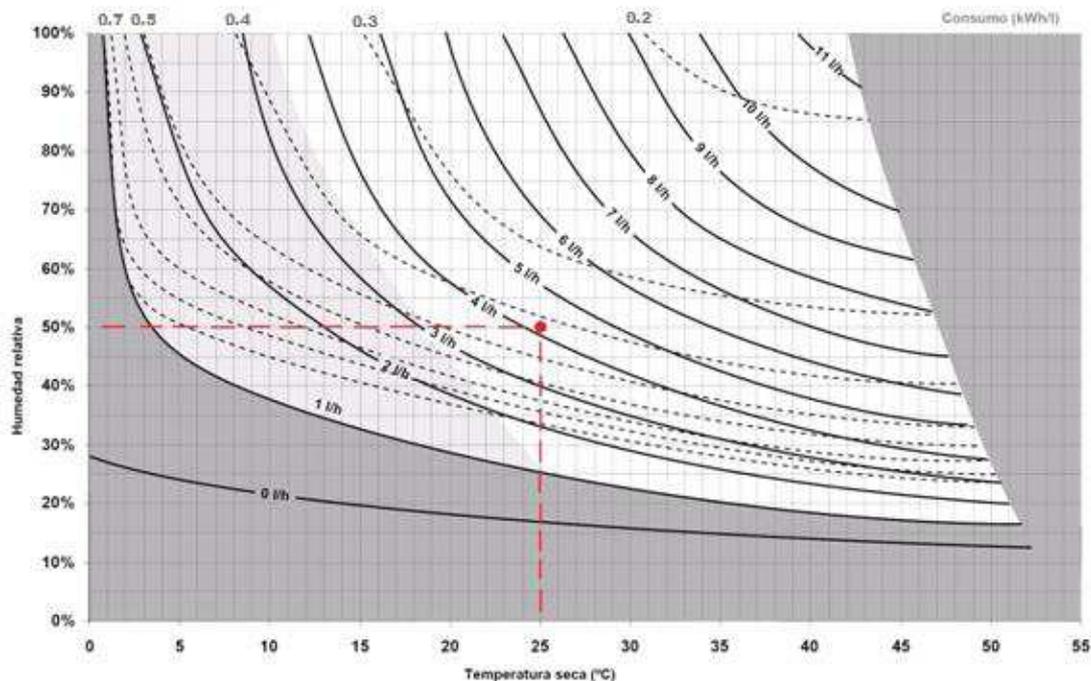


Diagram of production and energy costs by the AQ250 U equipment

Example: the red point of the discontinuous red stripe mark shows the water production of 4,2 liters per hour , in the environmental conditions with 50 % of relative humidity and 25 °C of temperature, with an electrical consumption per liter of 0,28 kWh/l.



NEW ECO-AQUAIR 250 BASIC MODULAR (AQ250 BM)

UNIT ESPECIFICATIONS



- Daily maximum capacity production: up to 260 liters approx./day.
- Cost per liter: 0,2 kWh/l approx.
- Wide operation field for extreme conditions:
- Temperature limits 5°C-55°C.
- Relative humidity limits 20%-99%.
- Single-phase operation, 220 V. 50-60 Hz. 15 A.
- Modulable up to 10 units.
- Easy output to external water tank.
- Resistant materials to rough environments conditions.
- Easy adapt to custom engineering projects
- Easy set up and maintenance.
- Any electrical energy, including renewable.
- Environment friendly
- Sanitary registration n° 200761400005519.



TWO..

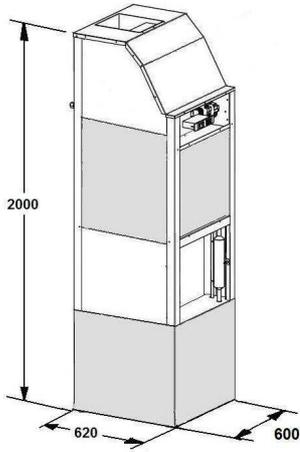


FIVE...

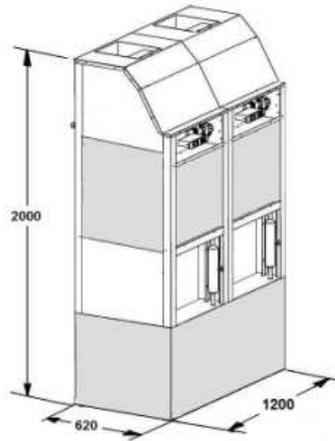


AND TEN...

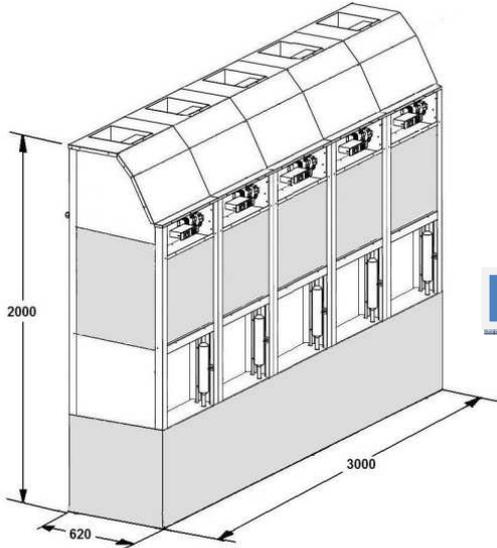
DIMENSIONS



1 UNIT

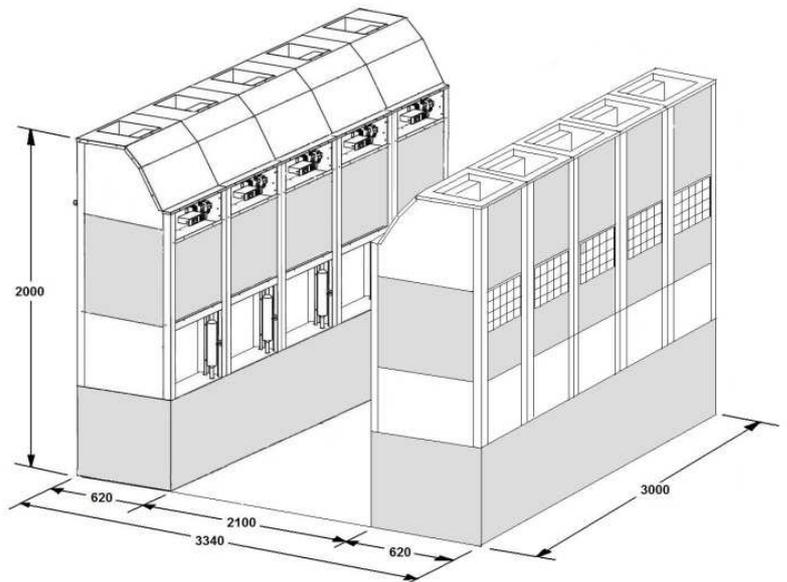


2 UNITS



5 UNITS

10 UNITS



AVERAGE WATER PRODUCTION AND ENERGY CONSUMPTION PER LITER

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Absorbed power	1,5 kWh	2,6 kWh	3 kWh
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PERFORMANCE/OPERATING LIMITS. Temperature and relative humidity, maximum and minimum

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	Displacement(l/s)	1,84
	Nominal power CV	1 3/4 CV
Fan	Nominal flow	1000 m ³ /h
	Type	Centrifuge 3 speeds
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	Power	0,42 kW-1350 rpm
Cooling circuit	Gas	R-407 C
	Gas Load	2 Kg
	Expansion	Thermostatic valve
Electric Characteristics	Voltage	230 V-I-50 Hz
	Max operating current	15 A
Sound Level	Sonic preassure	33 dB (A)
Dimensions	high	2028 mm
	Wide	599 mm
	Deep	653 mm
	weight	230 kg

AQ250 BM WATER PRDUCTION AND POWER COMSUMPTION

The production capacity of **AQ250 BM** is linked to environment conditions. That means, in an environment warm and wet, with a higher content of water vapor, the production capacity is greater than in a dry place.

This diagram represents the production of water per hour by the **AQ250 BM** unit and electricity consumption per liter, depending on the environmental conditions, temperature and relative humidity to be registered at all times in every geographic area.

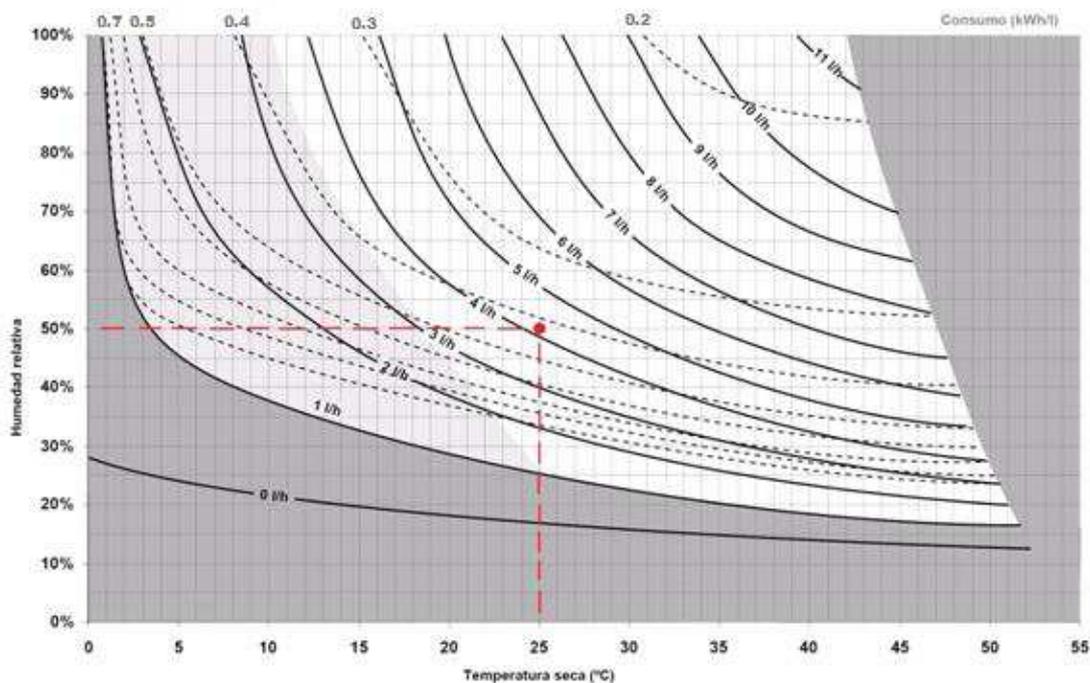


Diagram of production and energy costs by the AQ250 BM equipment

Example: the red point of the discontinuous red stripe mark shows the water production of 4,2 liters per hour , in the environmental conditions with 50 % of relative humidity and 25 °C of temperature, with an electrical consumption per liter of 0,28 kWh/l.