

# Freewater4u

Atmospheric Water Generator



**Beverage Distillery & Water Bottling Plant Solution**



The water quality in vodka, whiskey, gin, rum and other distilled spirits plays a huge role in the finished product. Without a proper filtration process, you could be letting unwanted minerals and bacteria alter the taste and look of your drink.

Controlling fresh water required for the distillation process that is not dependent upon existing water resources insures consistency and purity of product.

Fresh drinking quality water produced purely from the atmosphere that meets or exceeds World Health Organization Standards is ideal as the natural and renewable source for production of alcoholic beverages.

**Fresh tasting drinking quality water produced purely from the atmosphere that meets or exceeds World Health Organization Standards is ideal as the natural and renewable source for production of renewal bottled water.**

**There is no impact on needing to filter or purify existing groundwater from streams, rivers or lakes that may contain pollutants, pharmaceuticals, contaminants or impurities.**



# 5000 Liters per Day/ 1320 Gallons per Day

# Commercial Unit



<b>Model</b>		5000L
<b>Power Supply</b>		3/N/PE, AC 380V 50Hz, three-phase voltage
<b>Input Power</b>		64 kw
<b>Water Production (Liters/24Hr) @ 30°C &amp; RH-80%</b>		4970 liters
<b>Compressor</b>	<b>Compressor Type</b>	Enclosed Vortex compressor
	<b>Compressor Qty</b>	4
	<b>Phase Protection</b>	- Phase-sequence Protection - Delay Protection - Hi & Low Pressure Protection - Overheat & Overload Protection
<b>Refrigerant</b>	<b>Gas Type</b>	R407c
	<b>Control Type</b>	External balance type Thermal expansion valve
	<b>Gas charge amount</b>	4*9 kg
<b>Air volume</b>	<b>Circulating air volume</b>	31000 m3/h
	<b>Heat exhaust air volume</b>	39000 m3/h
<b>Fan</b>	<b>Recycle Fan (High efficient centrifugal fan)</b>	8 pcs
	<b>Heat Removal Fan (Efficient axial flow fan)</b>	8 pcs
<b>Air Filter (G3 Non-woven filter)</b>		450*2200*360mm x2set 450*2200*600mm x2set
<b>Machine Dimension (L*W*H) (mm)</b>		2200*5650*2130
<b>Machine Weight (kgs)</b>		3900 kgs
<b>Working condition</b>	<b>Temperature</b>	Standard working temperature: 15°C - 45°C In case the temp below 15°C or higher 45°C, System needs to be customized
	<b>Humidity</b>	30% - 100%
<b>Control System</b>		PLC
<b>Shipping packing per container</b>	20' GP	1
	40' HQ	2



# 10000 Liters per Day/ 2641 Gallons per Day

# Commercial Unit

Model		10000L
Power Supply		3/N/PE, AC 380V 50Hz, three-phase voltage
Input Power		128 kw
Water Production (Liters/24Hr) @ 30°C & RH-80%		9940 liters
Compressor	Compressor Type	Enclosed Vortex compressor
	Compressor Qty	8
	Phase Protection	- Phase-sequence Protection - Delay Protection - Hi & Low Pressure Protection - Overheat & Overload Protection
Refrigerant	Gas Type	R407c
	Control Type	External balance type Thermal expansion valve
	Gas charge amount	8*9 kg
Air volume	Circulating air volume	62000 m3/h
	Heat exhaust air volume	78000 m3/h
Fan	Recycle Fan (High efficient centrifugal fan)	16 pcs
	Heat Removal Fan (Efficient axial flow fan)	16 pcs
Air Filter (G3 Non-woven filter)		450*2200*360mm x4set 450*2200*600mm x4set
Machine Dimension (L*W*H) (mm)		5400*11300*2190
Machine Weight (kgs)		8200 kgs
Working condition	Temperature	Standard working temperature: 15°C - 45°C In case the temp below 15°C or higher 45°C, System needs to be customized
	Humidity	30% - 100%
Control System		PLC
Shipping packing per container	20' GP	-
	40' HQ	1



# 20000 Liters per Day/ 2640 Gallons per Day *Commercial Unit*



- Power Supply: 3/N/PE AC 380V/50Hz 3 Phase Voltage
- 202KWh
- Control System: PLC
- Compressor: Enclosed vortex Qty 8
- Refrigerant: Gas Type R407c, External balance type Thermal Expansion valve Gas charge amount: 8\*18kg
- 5 Stage Purification with Mineralization and UV
- Circulating Air Volume: 12,400 m<sup>3</sup>/h
- Heat exhaust Air Volume: 15,600 m<sup>3</sup>/h
- Machine Weight: 17,300 kg / 38,140 lbs
- Temperature: 15 degrees C/ 59 degrees F to 45 degrees C / 113 degrees F
- Relative Humidity: 30% to 100%
- Dimensions: 220 cm L x 2080 cm W x 199 cm H
- 86.6 in L x 818.9 in W x 78.34 H

# Contact

[www.Freewater4u.eu](http://www.Freewater4u.eu)

[info@freewater4u.eu](mailto:info@freewater4u.eu)

00351- 910417191

