

H₂O LIQUIDAIR

A solution to a world water crisis

97% of the world's water is undrinkable salt water and more than half of the 3% that is freshwater, is inaccessible due to polar ice caps. Even though 70% of the earth is covered by water, more than 50% of the world population has insufficient drinking water.

According to the World Bank, \$600 billion is invested in water delivery systems and the United Nations has announced a worldwide water shortage. Scientists have given warning of this and constructive steps are being taken, but current methods to achieve pure drinking water are expensive and wasteful.

Munters H₂O LiquidAir is a water generating solution that is environmentally safe and inexpensive. H₂O LiquidAir captures moisture from outside air and turns it into pure drinking water. In the process of removing moisture from outside air, the air is dehumidified and cooled, making it ideal for indoor environments. The system also uses the more efficient and environmentally friendly R-410A refrigerant to help preserve the ozone layer. H₂O LiquidAir serves two purposes: making water and conditioning outside air with a single source of energy. These factors make H₂O LiquidAir the most unique, energy efficient water making air conditioner available. With 75% of the world's population living within 200 miles of the ocean, H₂O LiquidAir is an ideal solution for the world's water crisis.



PRODUCT INFORMATION

H₂O LIQUIDAIR



Environmentally Safe & Friendly

- Not depleting water from natural sources
- Uses R-410A refrigerant for greater efficiency and environmental protection

Fresh Makeup Air

- Cool, dry makeup air is provided to an indoor environment (conditions maintained below 50-60% RH), mold growth is prevented, and comfort is improved

Energy Efficient

- Processing water from outside air is essentially FREE conditioned air

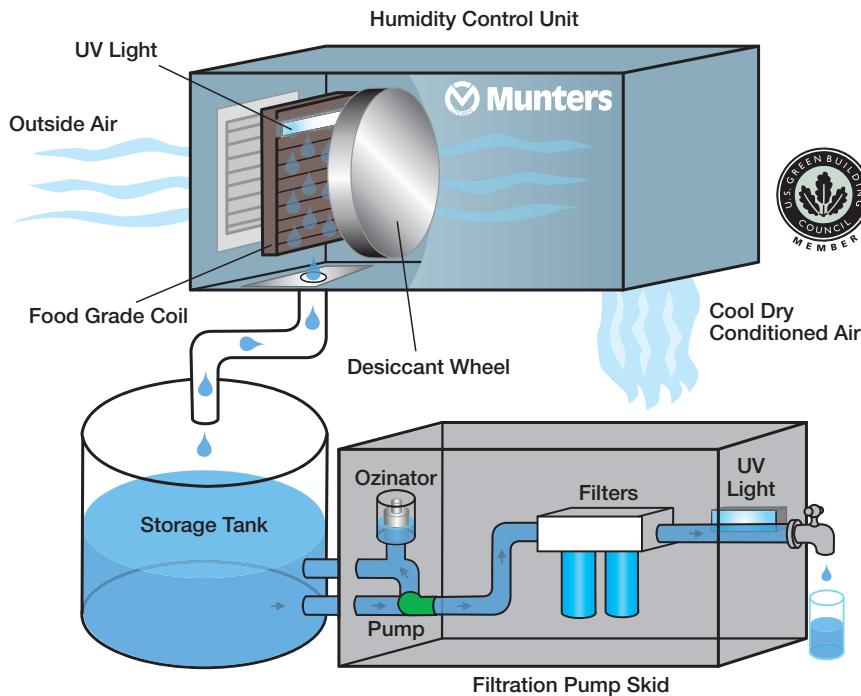
Pre-Cooler Option

- Add a pre-cooler in front of the water generating system to increase water production of the units

How H₂O LiquidAir Works

Outside air passes through an efficient air filter which purifies it by removing dust, pollen, mold spores, and other air borne particulates. The moisture is condensed from the outside air and collected in a UV protected chamber. It is then stored in a holding tank which is ozonated continuously. As needed, water is drawn from the tank, filtered through a VOC carbon filter, and then passed through the ultra violet sanitation light.

H₂O LiquidAir Water Generating System



H₂O LiquidAir Pre-Cooler

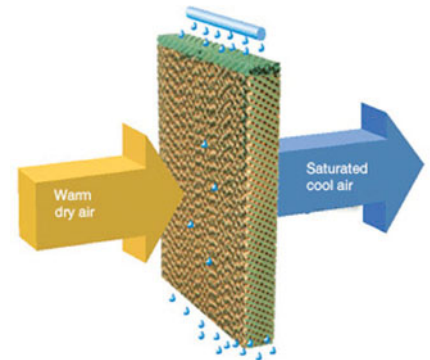
Adding an evaporative cooler to the front of a water generation system can have a major impact on the amount of water that can be generated by the system. Many parts of the world have ample brackish water available but lack potable water.

Increase Water Generating Efficiency by 300% on Hot Days

- Uses grey or salt water and allows max water production even in dry climates
- Intelligent control measures ambient conditions to control water flow

Low Operating Cost

- Minimal energy requirements to operate
- Minimal maintenance and replacement of media is inexpensive



■ H₂O LiquidAir Performance Chart: Standard Units

50/60 HZ Models	Gallons/Day	Liters/Day	Power kWh	Dimensions LxWxH (in.)	Dimensions LxWxH (m)	Weight +/- 10%
H ₂ O-25-XX	530	2,008	31	219 x 80 x 70	5.6 x 2 x 1.8	6,000
H ₂ O-50-XX	1,080	4,088	63	219 x 96 x 102	5.6 x 2.5 x 2.6	7,250
H ₂ O-75-XX	1,620	6,132	94	280 x 96 x 102	6.3 x 2.4 x 2.6	8,400
H ₂ O-100-XX	2,055	7,788	131	310 x 96 x 102	6.3 x 2.4 x 2.6	9,625
H ₂ O-150-XX	3,350	12,680	190	555 x 96 x 102	8.7 x 3.2 x 3.4	14,410

Performance based on entering air conditions of 85F (29°C) and 70% RH.

■ H₂O LiquidAir Performance Chart: Products producing water and supplying cool, dry air (includes desiccant wheel)

50/60 HZ Models	Gallons/Day	Liters/Day	Power kWh	Dimensions LxWxH (in.)	Dimensions LxWxH (m)	Weight +/- 10%	A/C Air (SCFM)	LAT (°F) (gr/lb.)	Total BTUH
H ₂ O-HCUc2410	188	712	11	112 x 66 x 57	112 x 66 57	3,500	2,000	75/60	117,900
H ₂ O-HCUc3415	310	1,173	17	112 x 66 x 57	2.8 x 1.7 x 1.4	3,500	3,000	73/56	191,970
H ₂ O-HCUc4020	399	1,508	25	127 x 66 x 72	3.2 x 1.7 x 1.8	4,250	4,000	76/56	242,820
H ₂ O-HCUc6030	620	2,347	36	173 x 96 x 72	4.4 x 2.4 x 1.8	5,600	6,000	75/55	375,030
Filtration Pump Skid	--	--	--	36 x 18 x 48	0.9 x 0.45 x 1.1	200	--	--	--

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