



WATER FROM AIR

TECHNICAL SPECIFICATIONS

<https://www.GreenTechnologyGlobal.com/Catalog.htm>

20L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	US:AC 110V/60Hz Europe: 220V/50Hz single-phase voltage
Cooling Power	0.47 kw
Heating Power	0.5w
Water Production (L/24 Hr)	20Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Water Tank	14L (top tank) + 1.8L (bottom tank) 1.5L (cold tank) - 1.5L (hot tank)
TDS	Always visible on display
Water flow capacity	Updated once for one hour
Power Consumption	Updated on APP
Filtration System	PPF+CTO+UF+T33+UV
Refrigerant	R134a
Defrost Method	Fan Cooling
Operation sound level	less than or equal to 45Db
Machine Dimensions	11.8" L x17.33" W x 45.28" H
Machine Weight	99.2 lbs
Control System	SPC
Units Per 40' Container	248



80L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	US:AC 110V/60Hz Europe: 230V/50Hz single-phase voltage
Input Power	1350W, 5.9A
Water Production (L/24 Hr)	80 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Storage Tank	18 L
Noise	<65Db (A)
Filtration System	PPF+CTO+UF+UDF+Mineralization Filter+UV
Air Circulation	850m3/hour
Recommend Room Size	1,000SF
Gas Type	R410a
Control Type	Electronic
Auto Defrost	0-24hr
Machine Dimensions	17.55" L x 23" W x 33.2" H
Machine Weight	61 kg/135lbs
Units Per 40' Container	238



100L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	1/N/PE, US:AC 110V/60Hz Europe: 220V/50Hz single-phase voltage
Input Power	1.33 kw
Water Production (L/24 Hr)	103Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	1
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R410A
Control Type	External balance type Thermal expansion valve
Gas charge amount	2.4kg
Circulating air volume	650 m3/h
Heat exhaust air volume	850 m3/h
Internal Storage Tank	42 Liters
High efficient centrifugal fan	1 pc
heat Removal Fan	
Efficient axial flow fan	1 pc
Air Filter	497mm x 296mm x 100mm - 1 set 497mm x 223mm x 100mm - 1 set
Machine Dimensions	49.2" L x 21.4" W x 49.8" H
Machine Weight	308.65 LBS
Control System	SPC
Units Per 40' Container	26



250L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	1/N/PE, US:AC 110V/60Hz Europe: 220V/50Hz single-phase voltage
Input Power	3.4 kw
Water Production (L/24 Hr)	250 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	1
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R410A
Control Type	External balance type Thermal expansion valve
Gas charge amount	2.4kg
Circulating air volume	1500 m3/h
Heat exhaust air volume	2100 m3/h
Internal Tank Storage	77 Liters
High efficient centrifugal fan	1 pc
heat Removal Fan	
Efficient axial flow fan	1 pc
Air Filter	8520mm x 4405mm x 460mm - 1 set 8206mm x 3660mm x 460mm - 1 set
Machine Dimensions	73.23" L x 37.40" W x 65.36" H
Machine Weight	800 LBS
Control System	SPC
Units Per 40' Container	10



500L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	1/N/PE, US:AC 110V/60Hz Europe: 220V/50Hz single-phase voltage
Input Power	6.3 kw
Water Production (L/24 Hr)	500 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	1
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R407A
Control Type	External balance type Thermal expansion valve
Gas charge amount	4.7kg
Circulating air volume	3000 m3/h
Heat exhaust air volume	4000 m3/h
Internal Tank Storage	92 Liters
High efficient centrifugal fan	1 pc
heat Removal Fan	
Efficient axial flow fan	1 pc
Air Filter	10520mm x 4950mm x 460mm - 1 set 10206mm x 3680mm x 460mm - 1 set
Machine Dimensions	76.18" L x 45.28" W x46.06" H
Machine Weight	1786 LBS
Control System	PLC
Units Per 40' Container	8



1000L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	3/N/PE, AC 380V 60Hz three phases voltage
Input Power	12.3 kw
Water Production (L/24 Hr)	1000 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	1
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R407A
Control Type	External balance type Thermal expansion valve
Gas charge amount	4.7kg
Circulating air volume	5900 m3/h
Heat exhaust air volume	7800m3/h
Internal Tank Storage	239 Liters
High efficient centrifugal fan	2 pcs
heat Removal Fan	
Efficient axial flow fan	2 pcs
Air Filter	11900mm x 5950mm x 460mm - 1 set 11420mm x 3660mm x 460mm - 1 set
Machine Dimensions	85.24" L x 61.02" W x 81.74" H
Machine Weight	2359 LBS
Control System	PLC
Units Per 40' Container	7



2000L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	3/N/PE, AC 380V 60Hz three phases voltage
Input Power	24.6 kw
Water Production (L/24 Hr)	2000 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	2
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R407A
Control Type	External balance type Thermal expansion valve
Gas charge amount	4.7kg
Circulating air volume	12000 m3/h
Heat exhaust air volume	15500m3/h
Internal Tank Storage	387 Liters
High efficient centrifugal fan	4pcs
heat Removal Fan	
Efficient axial flow fan	4pcs
Air Filter	11900mm x 5950mm x 460mm - 1 set 11420mm x 3660mm x 460mm - 1 set
Machine Dimensions	85.03" L x 120.07" W x 81.74" H
Machine Weight	4475 LBS
Control System	PLC
Units Per 40' Container	3



5000L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	3/N/PE, AC 380V 60Hz three phases voltage
Input Power	64 kw
Water Production (L/24 Hr)	5000 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	4
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R407A
Control Type	External balance type Thermal expansion valve
Gas charge amount	4.9kg
Circulating air volume	31000 m3/h
Heat exhaust air volume	39000m3/h
Internal Tank Storage	700 Liters
High efficient centrifugal fan	8pcs
heat Removal Fan	
Efficient axial flow fan	8pcs
Air Filter	11900mm x 5950mm x 460mm - 1 set 11420mm x 3660mm x 460mm - 1 set
Machine Dimensions	86.61" L x 222.44" W x 83.85" H
Machine Weight	8598 LBS
Control System	PLC
Units Per 40' Container	2



10000L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	3/N/PE, AC 380V 60Hz three phases voltage
Input Power	128 kw
Water Production (L/24 Hr)	10000 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	8
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R407A
Control Type	External balance type Thermal expansion valve
Gas charge amount	8.9kg
Circulating air volume	62000 m3/h
Heat exhaust air volume	78000 m3/h
Internal Tank Storage	1600 Liters
High efficient centrifugal fan	16pcs
heat Removal Fan	
Efficient axial flow fan	16pcs
Air Filter	450mm x 220mm x 360mm - 4 sets 450mm x 2200mm x600mm - 4 sets
Machine Dimensions	212.60" L x 444.88" W x 86.22" H
Machine Weight	18078 LBS
Control System	PLC
Units Per 40' Container	1



20000L WATER FROM AIR AWG SPECIFICATIONS

Supply Power	3/N/PE, AC 380V 60Hz three phases voltage
Input Power	202 kw
Water Production (L/24 Hr)	20000 Liter @ 75 degrees F & 80% Relative Humidity
Temperature Range	59 to 113 degrees F
Humidity Range	30% to 100% Relative Humidity
Compressor Type	Enclosed vortex compressor
Compressor Qty	8
Phase Protection	Delay Protection Hi & Low Pressure Protection Overheat & Overload Protection
Gas Type	R407A
Control Type	External balance type Thermal expansion valve
Gas charge amount	8.18kg
Circulating air volume	12,400 m3/h
Heat exhaust air volume	15600 m3/h
Internal Tank Storage	3200 Liters
High efficient centrifugal fan heat Removal Fan	16pcs
Efficient axial flow fan	16pcs
Air Filter	450mm x 220mm x 360mm - 4 sets 450mm x 2200mm x600mm - 4 sets
Machine Dimensions	86.6" L x 818.9" W x 78.34" H
Machine Weight	38140 LBS
Control System	PLC
Units Per 40' Container	1 Per 40' Container/Ships as 2 Containers

