

The revolutionary technology of drinking water production

Atmospheric Water Technology is a patented technology for producing clean drinking water directly from the air using a condensation process. Atmospheric water generator. It is environmentally friendly because the production of water does not generate plastic waste as well as the purchase of water in plastic containers.

PRODUCT SPECIFICATION ATMOSPHERIC WATER GENERATOR [CAPACITY - 20 LITRES/DAY]



Technical Factsheet

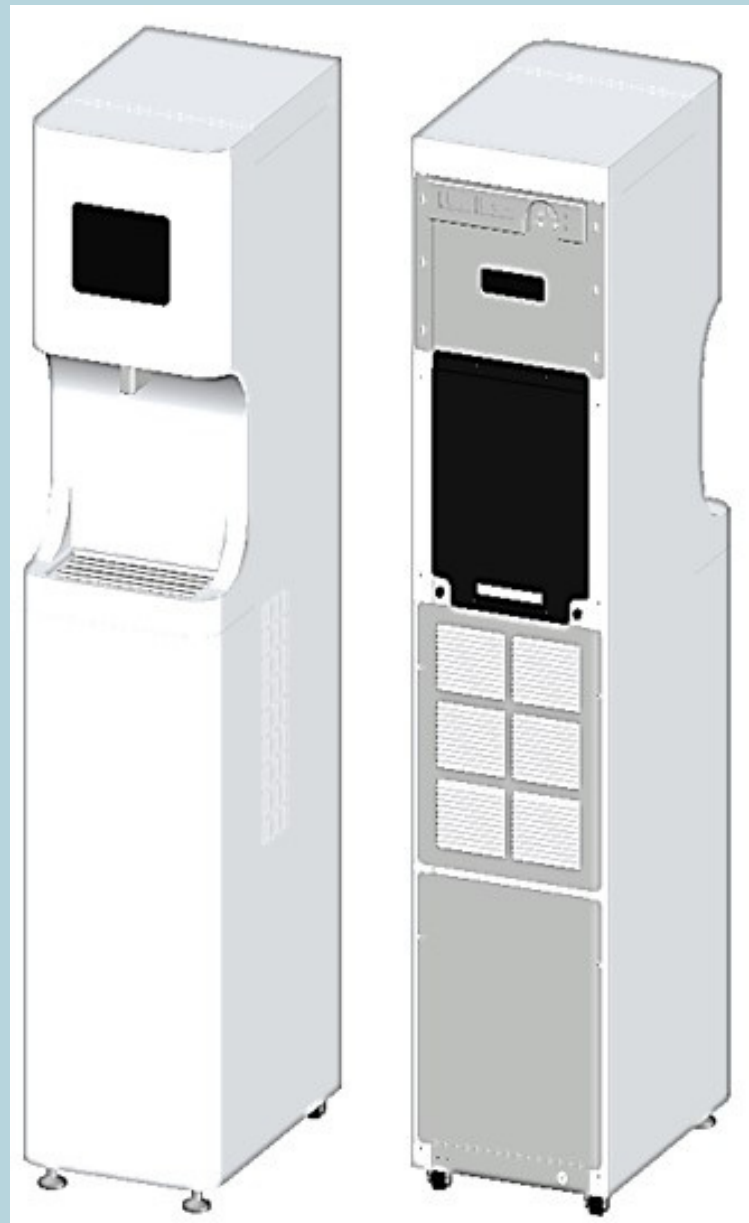
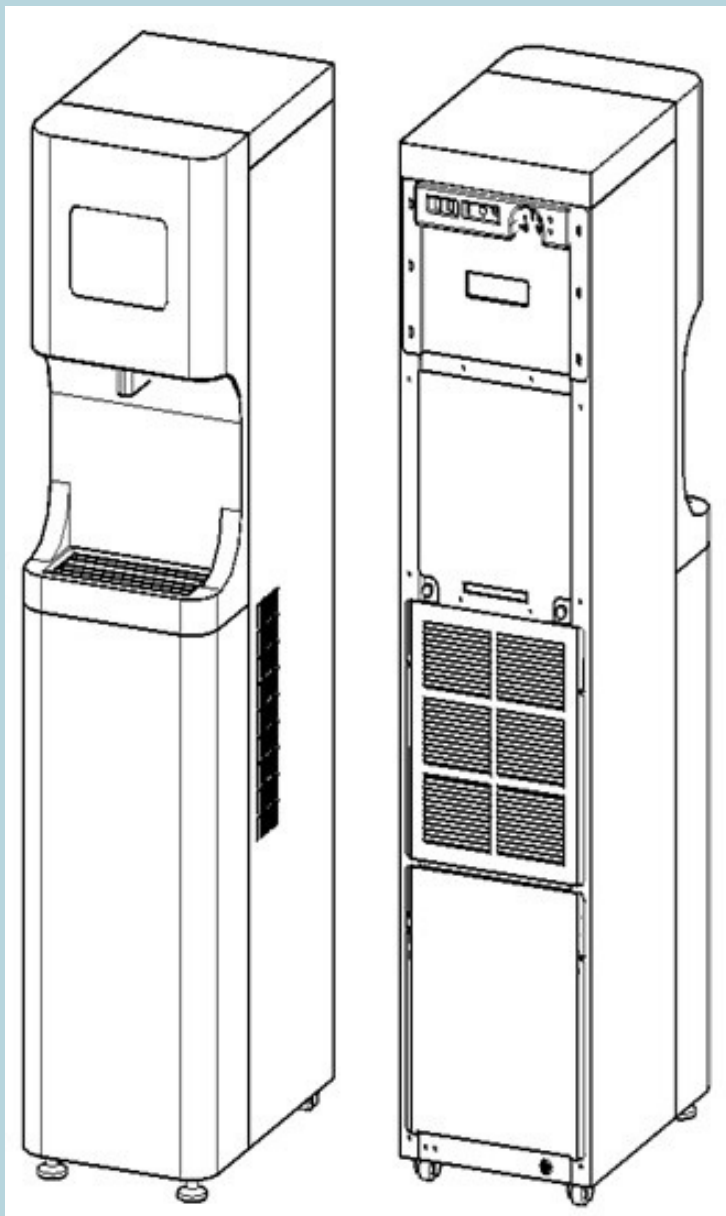
TECHNICAL PARAMETERS		QW20
Power Supply		1/N/PEAC 110V 60Hz orAC 230V 50HzSingle-phase voltage
Power consumption	Total consumption	0,97 kW
	Compressor consumption	0,47 kW
	Heater consumption	0,50 kW
Rated current	Starting / working current	4,8 A / 3,3 A
Compressor	Compressor type	HUAYI
	Number of compressors	1 piece
	Protections	Delay protectionHi & low pressure protectionOverheat & overload protection
Refrigerant	Gas type	R134a
	Control type	Capillary
	Gas amount	0,31 kg
Evaporator type		Efficient copper tube, coated with aluminum fin
Condenser type		Efficient copper tube, coated with aluminum fin

Working conditions	Standard working temperature	15°C - 45°C
	Air humidity	20% - 100%

Control	Control	Sensors
	Displaying TDS value	On display
	Control system	SPC
	Water production	Updating once per one hour
	Errors reporting	On display
Auto-water cycling system "Always pure"		Every 3 hours

Amount of circulating air		300 m ³ /h
Operation sound level		≤ 45 dB
External static pressure		0 Pa
Air supply fan	Type	High efficient centrifugal fan
	Amount	1 piece
Air filter	Dimensions	264x278x17 mm (LxHxW)
	Type	HEPA - H13
Water tanks	Drinking water tank	15 l
	Condensed water tank	1,5 l
	Hot water tank	1,5 l
	Material	Stainless steel sheet
Water temperature	Cold	6°C
	Hot	82°C
Water production		Up to 20 liters in 24 hours
Water inlet connection		1/2"
Filter cartridges	Air filter	1 piece
	LED UV lamp	2 pieces
	Sediment filter	1 piece
	Filter with active carbon	1 piece
	Membrane filter	1 piece
	Carbon filter	1 piece
	Mineralisation	1 piece
Frequency of replacing filters	Air filter	6 months
	LED UV lamp	2 years
	Sediment filter	6 months
	Filter with active carbon	6 months
	Membrane filter	1 year
	Carbon filter	1 year
	Mineralisation	1 year

Machine dimensions		450x300x1145 mm (LxWxH)
Machine weight	Net	45 kg



PRODUCT SPECIFICATION ATMOSPHERIC WATER GENERATOR [CAPACITY - 100 LITRES/DAY]



Technical Factsheet

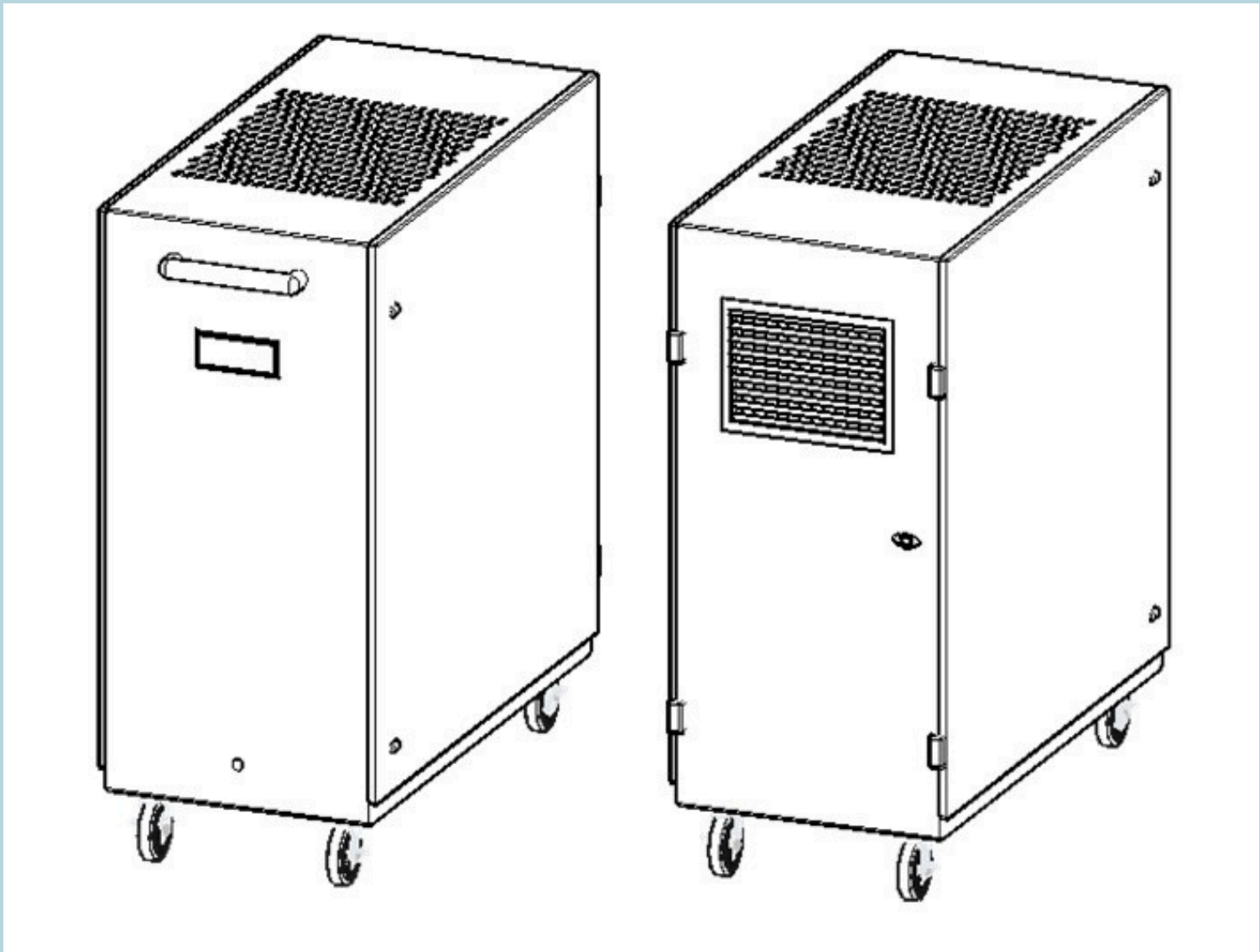
TECHNICAL PARAMETER		QW100
Power supply		1/N/PEAC 110V 60Hz or AC 230V 50HzSingle-phase voltage
Power consumption	Total consumption	1,3 kW
	Compressor consumption	1,0 kW
Rated current	Starting / working current	24,0 A / 8,4 A
Compressor	Compressor type	Copeland / Emerson
	Number of compressors	1 piece
	Protections	Delay protectionPhase-sequence ProtectionHi & low pressure protectionOverheat & overload protection
Refrigerant	Gas type	R410a
	Control type	Capilar
	Gas amount	0,75 kg
Evaporator type		Efficient copper tube, coated with aluminum fin
Condenser type		Efficient copper tube, coated with aluminum fin
Working conditions	Standard working temperature	Standard working temperature: 15°C- 45°C. In case the temp below 15°C or higher 45°C, system needs to becustomized.
	Air humidity	20% - 100%
Control	Control	Buttons
	Control system	SPC
	Errors reporting	On display

Amount of circulating air		650 m ³ /h
Amount of hot exhausting air		850 m ³ /h
Operation sound level		≤ 50 dB
External static pressure		0 Pa
Air supply fan	Type	High efficient centrifugal fan
	Amount	1 piece
Air filter A	Dimensions	497x296x10 mm (LxHxW)
	Type	G3 non woven
Air filter B	Dimensions	497x223x10 mm (LxHxW)
	Type	G3 non-woven

Water tanks	Drinking water tank	40 l
	Condensed water tank	4 l
	Pressure vessel	24 l
	Material	Stainless steel sheet
Water production		Up to 100 liters in 24 hours
Connecting to external tank (connector dimension)		1/2"

Filter cartridges	Air filter A	1 piece
	Air filter B	1 piece
	UV fluorescent tube	1 piece
	Sediment filter	1 piece
	Filter with active carbon	1 piece
	Membrane filter	1 piece
	Carbon filter	1 piece
	Mineralisation	1 piece

Frequency of replacing filters	Air filter A	1 year
	Air filter B	1 year
	UV fluorescent tube	2 years
	Sediment filter	6 months
	Filter with active carbon	6 months
	Membrane filter	1 year
	Carbon filter	1 year
	Mineralisation	1 year
Machine dimensions		1380x720x1500 mm (LxWxH)
Machine weight	Net	140 kg



PRODUCT SPECIFICATION

ATMOSPHERIC WATER GENERATOR

[CAPACITY - 1000 LITRES/DAY]

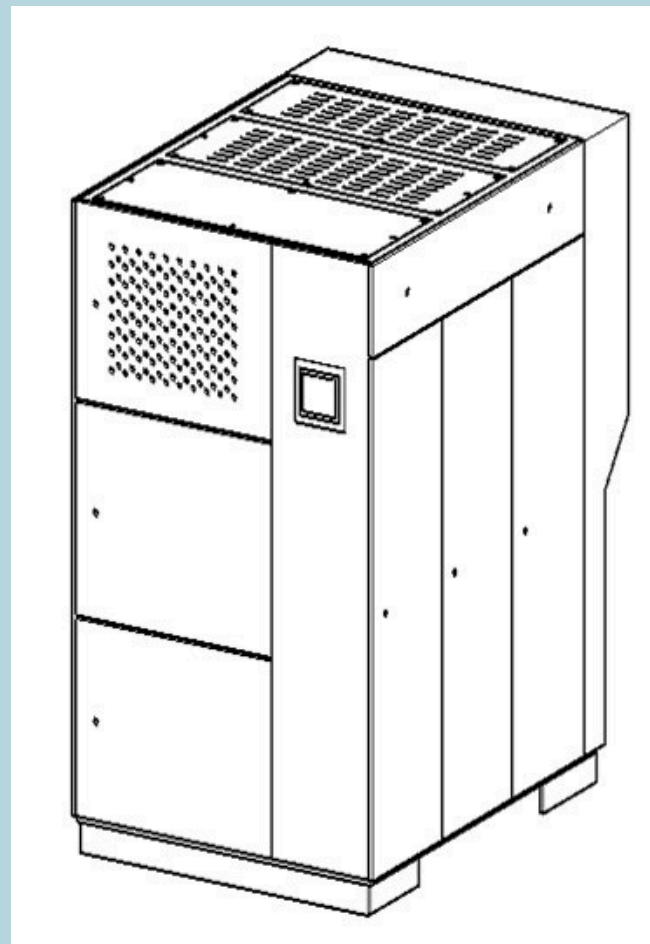
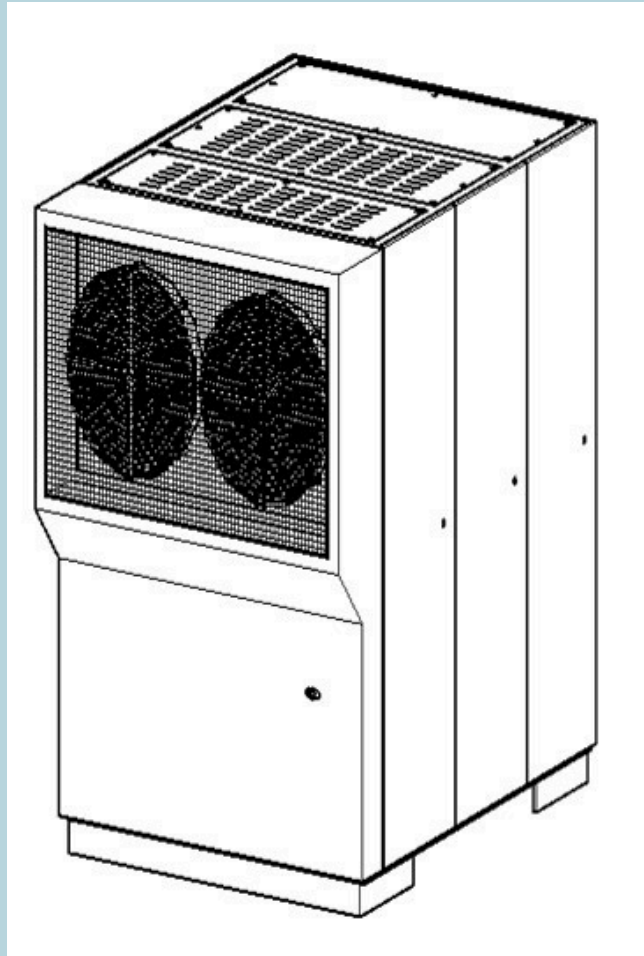


Technical Factsheet

TECHNICAL PARAMETER		QW1000
Power supply		3/N/PEAC 380V 50Hz or AC 440V 60Hz Three-phase voltage
Power consumption	Total consumption	12,3 kW
	Compressor consumption	11 kW
Rated current	Starting / working current	77,0 A / 14,2 A
Compressor	Compressor type	Copeland / Emerson
	Number of compressors	2 pieces
	Protections	Delay protection Phase-sequence Protection Hi & low pressure protection Overheat & overload protection
Refrigerant	Gas type	R407c
	Control type	External balance type, thermal expansion valve
	Gas amount	2x 4,7 kg
Evaporator type		Efficient copper tube, coated with aluminum fin
Condenser type		Efficient copper tube, coated with aluminum fin
Working conditions	Standard working temperature	Standard working temperature: 15°C - 45°C. In case the temp below 15°C or higher 45°C, system needs to be customized.
	Air humidity	20% - 100%
Control	Control	Touch screen
	Control system	PLC
	Errors reporting	On display
Amount of circulating air		5900 m3/h
Amount of hot exhausting air		7800 m3/h
Operation sound level		≤ 70 dB
External static pressure		0 Pa

Air supply fan	Type	High efficient centrifugal fan
	Amount	2 pieces
Air filter A	Dimensions	1450x530x46 mm (LxHxW)
	Type	G3 non woven
Air filter B	Dimensions	1450x440x46 mm (LxHxW)
	Type	G3 non-woven
Water tanks	Drinking water tank	2x 53 l
	Condensed water tank	70 l
	Pressure vessel	2x 75 l
	Material	Stainless steel sheet
Water production		Up to 1000 liters in 24 hours
Connecting to external tank (connector dimension)		1/2"
Filter cartridges	Air filter A	1 piece
	Air filter B	1 piece
	UV fluorescent tube	1 piece
	Sediment filter	1 piece
	Filter with active carbon	1 piece
	Membrane filter	1 piece
	Carbon filter	1 piece
	Mineralisation	1 piece
Frequency of replacing filters	Air filter A	1 year
	Air filter B	1 year
	UV fluorescent tube	2 years
	Sediment filter	6 months
	Filter with active carbon	6 months
	Membrane filter	1 year
	Carbon filter	1 year
	Mineralisation	1 year

Machine dimensions	2165x1550x2076 mm (LxWxH)	
Machine weight	Net	1070 kg



PRODUCT SPECIFICATION ATMOSPHERIC WATER GENERATOR [CAPACITY - 5000 LITRES/DAY]



Technical Factsheet

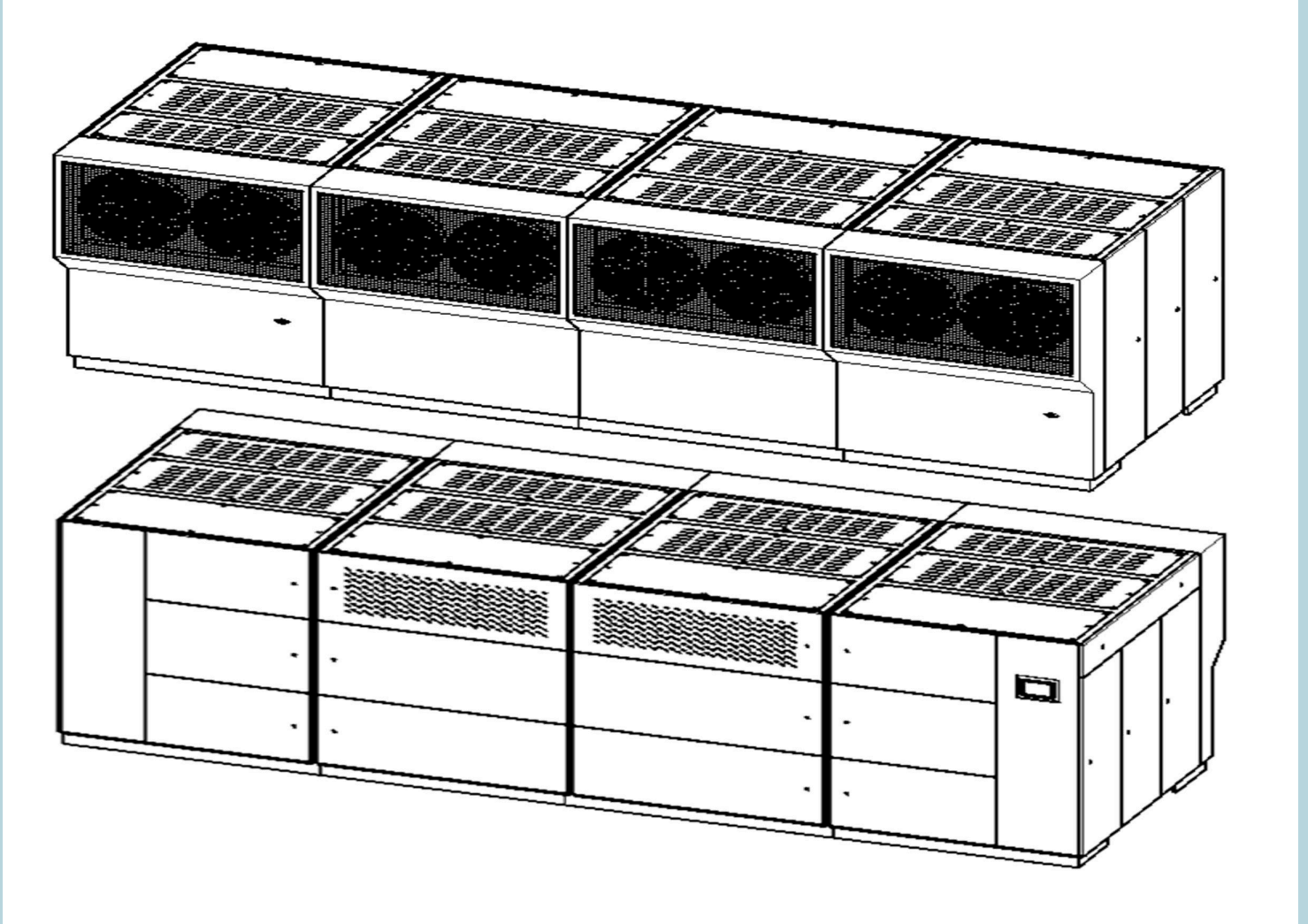
TECHNICAL PARAMETER		QW5000
Power supply		3/N/PEAC 380V 50Hz or AC 440V 60Hz Three-phase voltage
Power consumption	Total consumption	64 kW
	Compressor consumption	58 kW
Rated current	Starting / working current	161,8 A / 78,6 A
Compressor	Compressor type	Copeland / Emerson
	Number of compressors	4 pieces
	Protections	Delay protection Phase-sequence Protection Hi & low pressure protection Overheat & overload protection
Refrigerant	Gas type	R407c
	Control type	External balance type, thermal expansion valve
	Gas amount	4x 9 kg
Evaporator type		Efficient copper tube, coated with aluminum fin
Condenser type		Efficient copper tube, coated with aluminum fin
Working conditions	Standard working temperature	Standard working temperature: 15°C - 45°C. In case the temp below 15°C or higher 45°C, system needs to be customized.
	Air humidity	20% - 100%
Control	Control	Touch screen
	Control system	PLC
	Errors reporting	On display
Amount of circulating air		31000 m3/h
Amount of hot exhausting air		39000 m3/h
Operation sound level		≤ 70 dB
External static pressure		0 Pa

Air supply fan	Type	High efficient centrifugal fan
	Amount	8 pieces
Air filter A	Dimensions	1450x530x46 mm (LxHxW)
	Type	G3 non woven
Air filter B	Dimensions	1450x440x46 mm (LxHxW)
	Type	G3 non-woven

Water tanks	Drinking water tank	4x 53 l
	Condensed water tank	4x 70 l
	Pressure vessel	4x 75 l
	Material	Stainless steel sheet
Water production		Up to 5000 liters in 24 hours
Connecting to external tank (connector dimension)		1/2"

Filter cartridges	Air filter A	4 pieces
	Air filter B	4 pieces
	UV fluorescent tube	2 pieces
	Sediment filter	2 pieces
	Filter with active carbon	2 pieces
	Membrane filter	2 pieces
	Carbon filter	2 pieces
	Mineralisation	2 pieces
Frequency of replacing filters	Air filter A	1 year
	Air filter B	1 year
	UV fluorescent tube	2 years
	Sediment filter	6 months
	Filter with active carbon	6 months
	Membrane filter	1 year
	Carbon filter	1 year
	Mineralisation	1 year

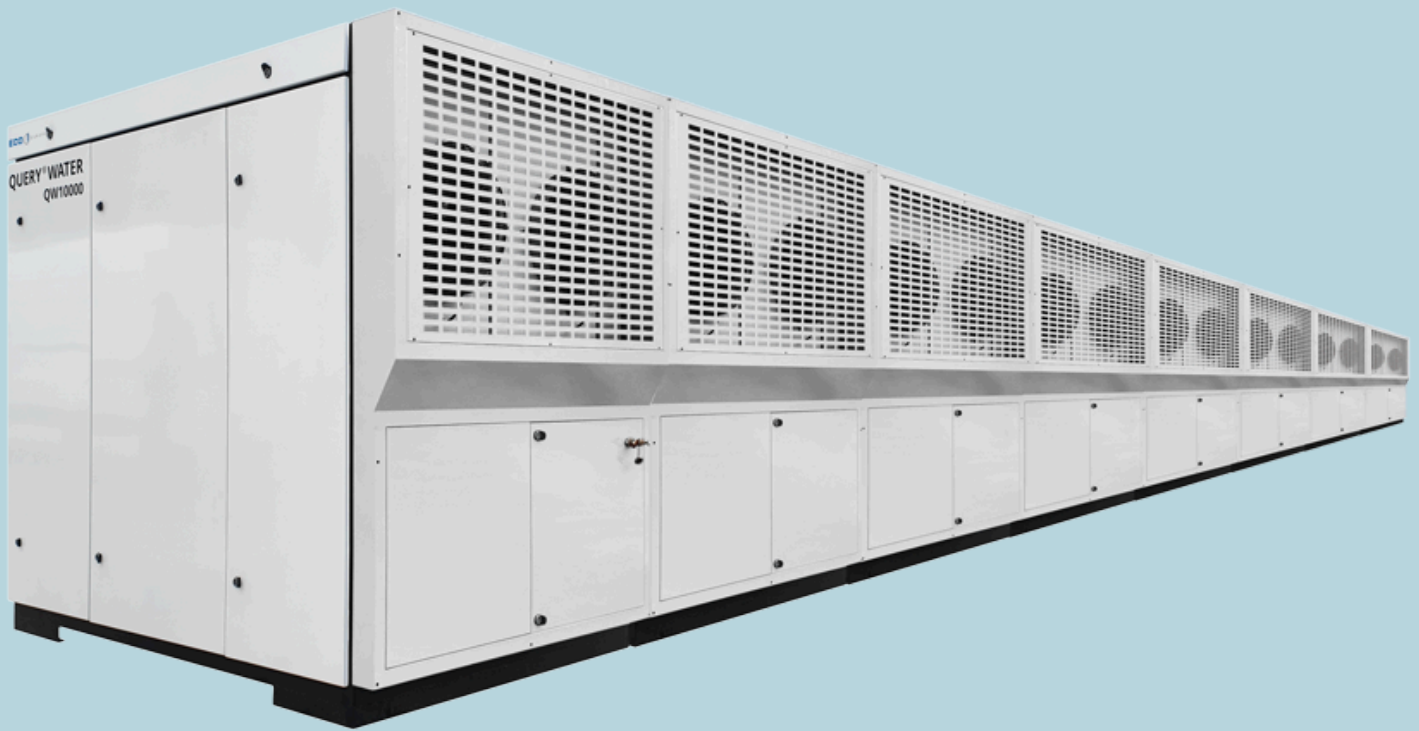
Machine dimensions	2200x5650x2130 mm (LxWxH)	
Machine weight	Net	3900 kg



PRODUCT SPECIFICATION

ATMOSPHERIC WATER GENERATOR

[CAPACITY - 10000 LITRES/DAY]



Technical Factsheet

TECHNICAL PARAMETER		QW10000
Power supply		3/N/PEAC 380V 50Hz or AC 440V 60Hz Three-phase voltage
Power consumption	Total consumption	128 kW
	Compressor consumption	116 kW
Rated current	Starting / working current	240,4 A / 157,2 A
Compressor	Compressor type	Copeland / Emerson
	Number of compressors	8 pieces
	Protections	Delay protection Phase-sequence Protection Hi & low pressure protection Overheat & overload protection
Refrigerant	Gas type	R407c
	Control type	External balance type, thermal expansion valve
	Gas amount	8x 9 kg
Evaporator type		Efficient copper tube, coated with aluminum fin
Condenser type		Efficient copper tube, coated with aluminum fin
Working conditions	Standard working temperature	Standard working temperature: 15°C - 45°C. In case the temp below 15°C or higher 45°C, system needs to be customized.
	Air humidity	20% - 100%
Control	Control	Touch screen
	Control system	PLC
	Errors reporting	On display

Amount of circulating air		62000 m ³ /h
Amount of hot exhausting air		78000 m ³ /h
Operation sound level		≤ 70 dB
External static pressure		0 Pa
Air supply fan	Type	High efficient centrifugal fan
	Amount	16 pieces
Air filter A	Dimensions	1450x530x46 mm (LxHxW)
	Type	G3 non woven
Air filter B	Dimensions	1450x440x46 mm (LxHxW)
	Type	G3 non-woven

Water tanks	Drinking water tank	8x 53 l
	Condensed water tank	8x 70 l
	Pressure vessel	8x 75 l
	Material	Stainless steel sheet
Water production		Up to 10000 liters in 24 hours
Connecting to external tank (connector dimension)		1/2"

Filter cartridges	Air filter A	8 pieces
	Air filter B	8 pieces
	UV fluorescent tube	2 pieces
	Sediment filter	4 pieces
	Filter with active carbon	4 pieces
	Membrane filter	4 pieces
	Carbon filter	4 pieces
	Mineralisation	2 pieces

Frequency of replacing filters	Air filter A	1 year
	Air filter B	1 year
	UV fluorescent tube	2 years
	Sediment filter	6 months
	Filter with active carbon	6 months
	Membrane filter	1 year
	Carbon filter	1 year
	Mineralisation	1 year
Machine dimensions		2400x11300x2190 mm (LxWxH)
Machine weight	Net	8200 kg

