EA-250
Technical Details

REF: HYDTD-2020-EA250-1.0

Hydrologic Electronics Trading LLC

Dubai, United Arab Emirates

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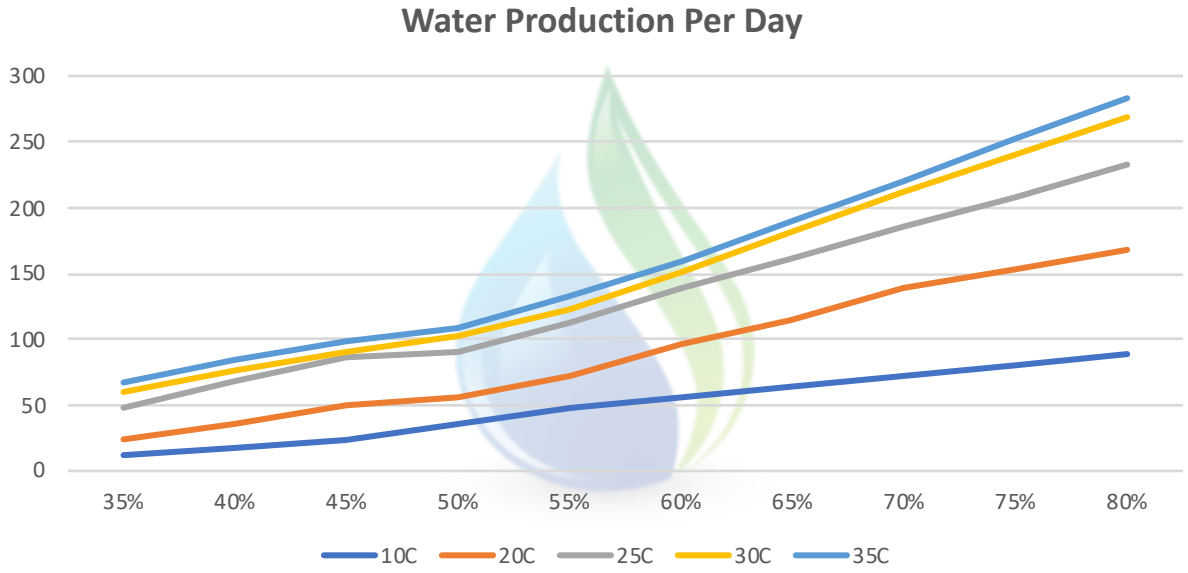
... pure drinking water from air

EA-250



Production Table Per Day

Humidity Temp	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%
10C	12	18	24	36	48	55.2	63.6	72	80.4	88.8
20C	24	36	50.4	55.2	72	96	115.2	139.2	153.6	168
25C	48	67.2	86.4	91.2	112.8	139.2	162	184.8	208.8	232.8
30C	60	75.6	91.2	103.2	122.4	151.2	181.2	211.2	240	268.8
35C	67.2	84	98.4	108	132	158.4	189.6	220.8	252	283.2

Hydrologic Electronics Trading LLC
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TECHNICAL DETAILS

MODEL	EA-250
Max Water Production: 250L @ 80% RH & 30C	Operating Temp: 15 – 43C
Voltage: 220V	Operating Humidity: >30%
Frequency: 50 Hz	Dimensions: 160 x 72 x 128 cm
Compressor Power 4.6 Kw	Weight: 320 Kg
Fan Power: 0.4 Kw	Water Tank Material: Stainless Steel
Total Max Power: 5.5 Kw	Water Tank Volume: 110L
Refrigerant: R407c	Filtration: 8 stage Reverse Osmosis
Noise Level: <75dB	Sterilization: 2 Stage UV light
Warranty: 2 Years	Output: Ambient Pure Water

Consumables Cost Per Liter @ 150L Per Day

Part No	Description	Set Quantity	Set Price (AED)	Cost Per Liter (AED)
WA-250-03	RO Membrane 100 Gal	1	515.03	0.006
WA-250-04	CTO Carbon Filter 10”	5	928.98	0.034
WA-250-05	GAC Filter 10”	2	369.11	0.014
WA-250-06	UV Light & SST Shell	1	285.78	0.003
WA-250-07	UV Bulb 16w + 16w	2	530.54	0.005

Pricing

Part No	Description	Lifetime	Set Quantity	Unit Price (AED)	Total Price (AED)
EA-250	EA-250 AWG Machine	N/A	1	35,298.06	35,298.06
WA-250-01	Filter Cup 10”	N/A	7	173.62	1,215.37
WA-250-02	RO Shell 100 Gal	N/A	1	203.63	203.63
WA-250-03	RO Membrane 100 Gal	12-24 months	1	515.03	515.03
WA-250-04	CTO Carbon Filter 10”	6 months	5	185.80	928.98
WA-250-05	GAC Filter 10”	6 months	2	184.55	369.11
WA-250-06	UV Light & SST Shell	24 months	1	285.78	285.78
WA-250-07	UV Bulb 16w + 16w	24 months	2	265.27	530.54

Note: Prices are Excluding 5% VAT

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THANK YOU

SUSTAINABILITY MADE EASY

Hydrologic Electronics Trading LLC

Dubai, United Arab Emirates