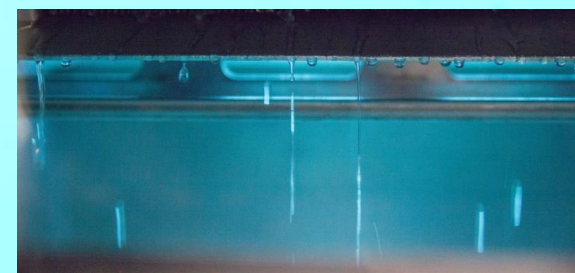


Production 24h (80%Hr; 25°C)	570L/24h
*Total Power Consumption	7kW
Structure	Stainless Inox
*Weight (Kg)	650Kg
* Gas Compressor	A404A
Rango de acción	8%Hr y 50°C a 100%Hr y 4°C
*Dimensions	a: 215 x277 cm h: 180 cm
*Power Supply	III-380V y 50Hz
Useful Life	12 years
Noise	68 dbL



Compressor power	+30°C/12%Hr		+25°C/45%Hr		+30°C/80%Hr	
	Water production	Consumption	Water production	Consumption	Water production	Consumption
550w	150L/day	0,58kwh/Litre	548L/day	0,173kwh/Litre	657L/day	0,156kwh/Litre

Average conditions Annual maxims	Day power consumption	Night power consumption	power consumption Daily average
+30°C y 15%HR Desert Climate	475 Kwh./m3	108 Kwh./m3	292Kwh/m3
+25°C y 60%HR Clima Subtropical Climate	190 Kwh./m3	40 Kwh./m3	115 Kwh./m3





The Aquaer Generator cool down the air to 0°C by means of a refrigerating plant, specifically designed to that end. It will be a matter of moving more or less air to obtain the required volume of water.

The installation is made mainly out of stain steel and the basic components of the system are as follows: Evaporators, Condensers, Compressors, Extractor Fans, filters and Interchangers.

The generators will be calibrated to operate optimally during the least favourable monthly weather conditions of the project area, thereby assuring the daily projected water output.

As the Aquaer Generator can be designed to work with many different types of energy, other than electricity (thermal solar energy, photovoltaic solar energy, wind energy, etc., thereby keeping the cost of the water obtained at a minimum) it can be installed in any location in the proximity of a needy community.

The expected maintenance of the generators is on the same principle as the refrigerator we know from repair work is necessary. It would be relatively easy to relevant community to clean and change air-filters on a



External display; Easy Operation

ROUTER: REMOTE CONTROLER

negligible as they function our homes where hardly any train somebody from the regular basis.

Chemical Water analysis and compared

	Aquaer Water Generator	Walvis Bay Chemical Water Análisis	DWA NAMIBIA Standard		SABS South Africa Standard		Internacional Standard Regarding water quality		
			Class A	Class B	(Guide)	MAX	WHO	EU	EU
Conductivity	29,2	117	150	300	100	200	(Guide)	(Guide)	MAX
PH	7,50	8	6-9	5.5-9.5	6.6-9	9.5	6.5-8.5	6.5-8.5	6.5-8.5

Fact sheet PLUVIAE 500

CIF:B-91464917

✉ info@aquaer.com

🌐 www.aquaer.com

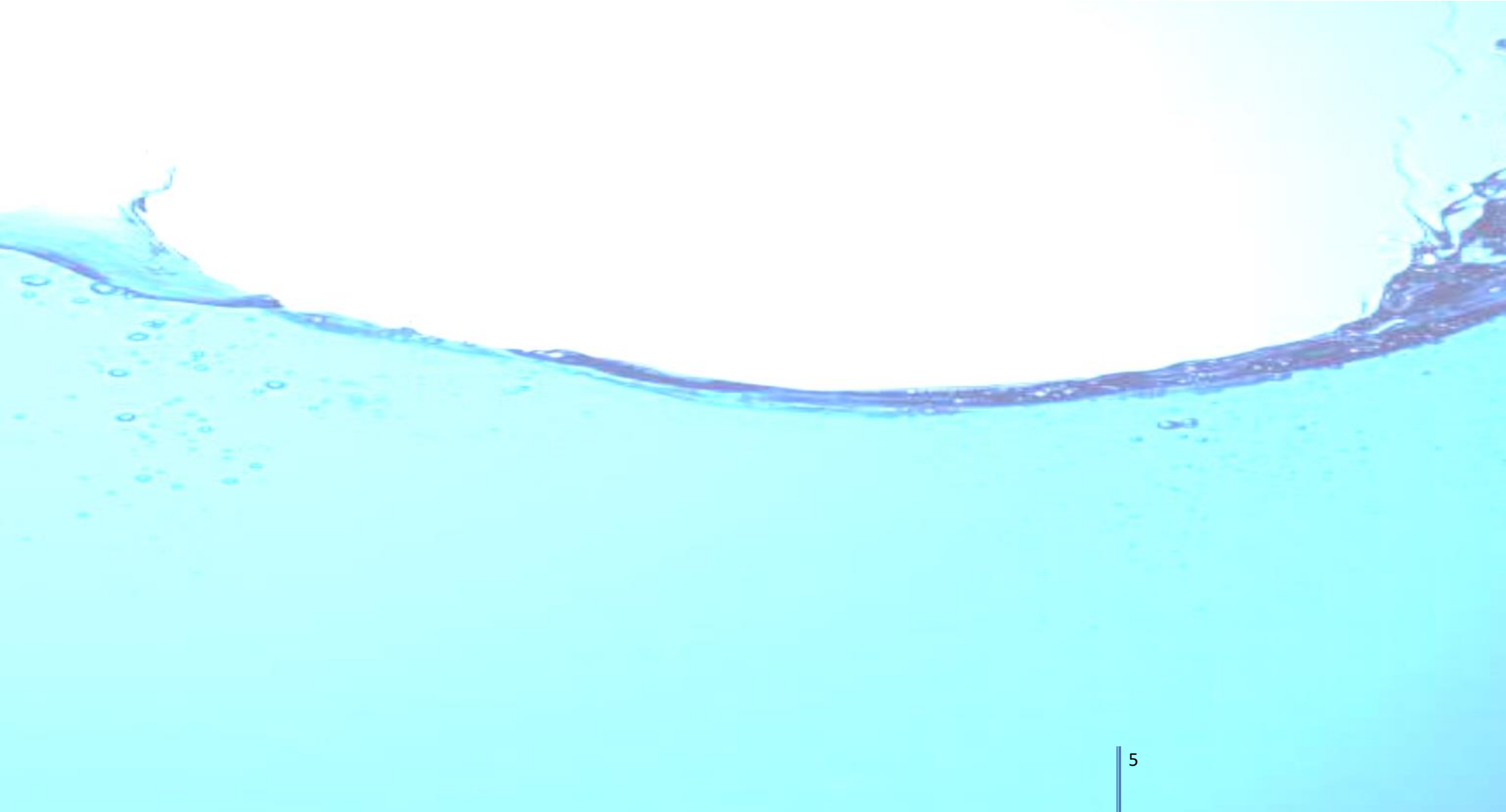
Chloride, mg Cl/Lt	3,5	149	250	600	250	1000	250	250	250
Hardness, mg Ca/Lt	3,8	348B	300	650	500	1000			
Iron ppm	0,06	0.02A	0.1	1	0.1	1		400	
Copper ppm	0,01	0.05A	0.5	1	0.5	1	6.5-8.5	6.5-8.5	6.5-8.5
Nitrates ppm	0,06	3.4A	10	20	6	10	250	250	250

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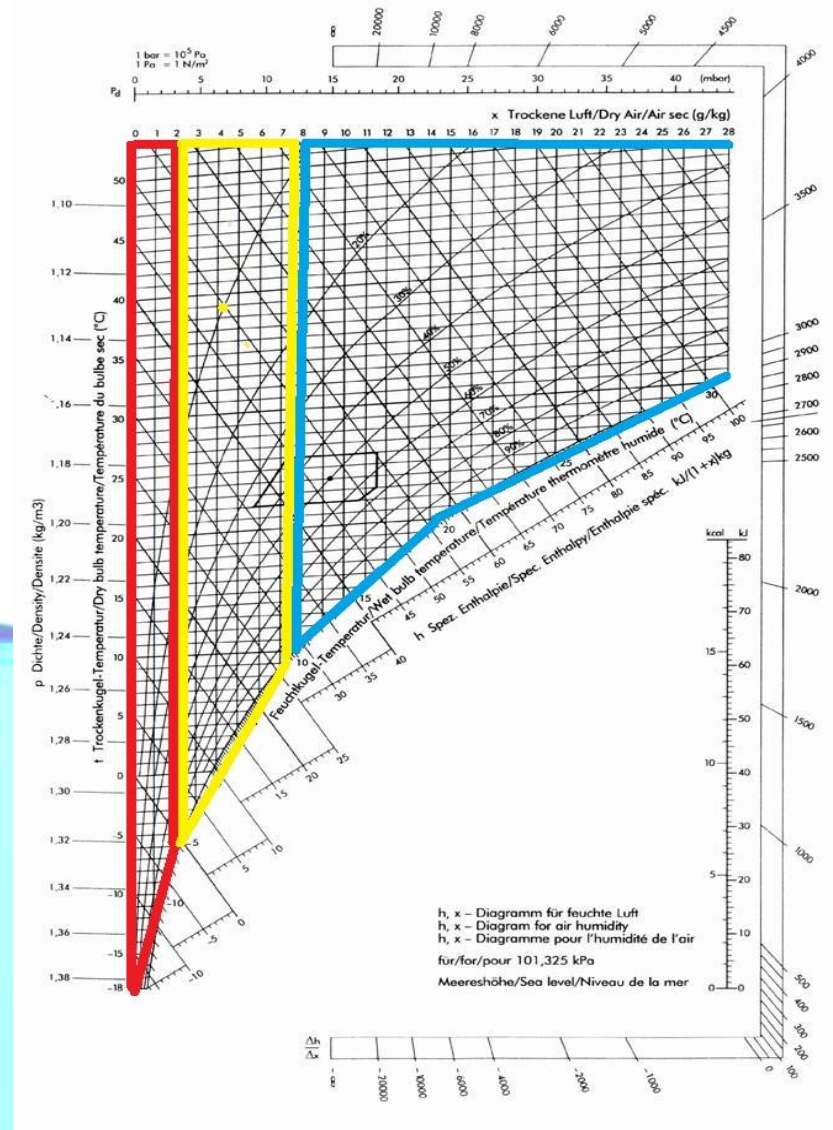


Fact sheet PLUVIAE 500

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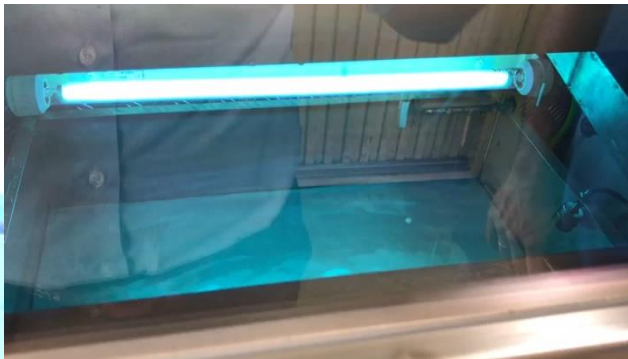
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Red Zone: There is no water

Yellow zone: Lower production (Special designer)

Blue zone: Production without problem.

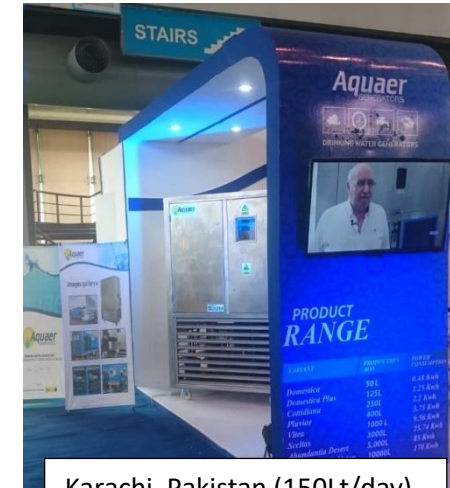


Fact sheet PLUVIAE 500

CIF: B-91464917

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Refugee Camp, Lebanon (500 Lt/day)

Karachi, Pakistan (150Lt/day)



Estehard, Iran 10.000-20.000lt/day

La Guaiira. Colombia 300-400Lit/dav