

GTG AWG production/kWh usage (estimates) MATRIX

Model	Power Supply	Power Rating (kWh)	Real Working Power in 30°C (KWh)	Maximum Daily Water Production (Liters/Day) @ 30°C & R/H @ 80%	Maximum Day Power Usage @86F & R/H @ 80% (KWH)	KWH/Liters	Refrigerant	
							Gas Type	Gas charge amount
20L	110V 60Hz or 220V 50Hz	0.46	0.4	20	7.2	0.36	R134a	
80L		1.35	1.18	80	34.8	0.22	R134a	
250L		3.4	2.9	262	69.6	0.27	R410a	2.4 kgs
500L	380V 50Hz 3Ø or 460V 60Hz 3Ø	6.3	5.4	480	129.6	0.27	R407c	4.7 kgs
1000L		12.3	10.5	965	252	0.26	R407c	2*4.7 kgs
2000L		24.6	20.9	1940	501.6	0.25	R407c	2*8 kgs
5000L		64	54.4	4970	1305.6	0.26	R407c	4*9 kgs
10000L		128	108.8	9940	2592	0.26	R407c	8*9 kgs

Comments:

Water production is based on 24/7 usage

Humidity is based on 80% R/H

Temperature based on 30°C/86 degrees F

Power usage based on full daily production of water being used

3Ø = 3 phase power

