Supplemental specifications

Blue-cabinet equipment and household configuration references

Industrial output & energy

Model	30°C / 80% RH	27°C / 60% RH	25°C / 30% RH	Input power	Energy at 30°C / 80% RH
A250	250 L/day	150 L/day	33 L/day	2.45 kW	235 Wh/L
A500	500 L/day	300 L/day	67 L/day	4.3 kW	206 Wh/L
A1000	1,000 L/day	600 L/day	135 L/day	8.7 kW	209 Wh/L
A2000	2,000 L/day	1,200 L/day	270 L/day	17.5 kW	210 Wh/L
A5000	5,000 L/day	3,000 L/day	675 L/day	46 kW	221 Wh/L

Rated production applies at 30°C / 86°F and 80% RH. Actual output depends on climate, airflow and operation. Brochure values are configuration references, not measured results for a Hawaii installation.

Equipment envelope & net weight

Model	L × W × H (mm)	Machine net weight
A250	820 × 1582 × 1113	280 kg
A500	1106 × 1582 × 1113	350 kg
A1000	1127 × 1582 × 2207	750 kg
A2000	2226 × 1582 × 2207	1,650 kg
A5000	4377 × 1796 × 2207	3,300 kg

These dimensions and weights describe the machine. Freight quotes require packed dimensions, gross weight and packing quantity. The earlier silver-cabinet sheets describe different configurations and must not be mixed with this table.

Industrial configuration

Shared references from the supplemental specification tables

Item	Listed configuration
Electrical - A250	AC 220V or 110V, 50Hz or 60Hz, single-phase; match ordered version
Electrical - A500 / A1000 / A2000 / A5000	AC 380V or 460V, 50Hz or 60Hz, three-phase; match ordered version
Water treatment	Air filter + PPF + GAC + PPF + RO + LED-UV
Refrigerant	R410A
Controls	PLC
Standard temperature	15-45°C / 59-113°F; custom ranges require engineering confirmation
Operating humidity	Above 25% RH; this is not a rated-output condition
Compressor wording	Enclosed vortex compressor, as described in the supplied brochure

Compressor & fan quantities

Model	Compressors	Circulation fans	Heat-removal fans
A250	2	1	1
A500	2	1	1
A1000	2	2	2
A2000	2	4	4
A5000	4	8	8

An IoT monitoring option is described for larger equipment. Controls, connectivity, access and support must be specified for the actual project. No monitoring login details are included.

Confirm the ordered model, electrical nameplate, filtration revision, installation and current availability with AquaAloha before procurement.

A80 & floor-standing A20

Separate configuration references - match the actual equipment

Item	A80	Floor-standing A20 brochure configuration
Rated production	80 L/day at 30°C / 80% RH	20 L/day at 30°C / 80% RH
Input power	1250 W	470 W water making + 500 W heating
Dimensions (L × W × H)	480 × 390 × 980 mm	375 × 307 × 1154 mm
Net weight	70 kg	42 kg
Electrical options	AC 110V / 60Hz or 220V / 50Hz	AC 110V / 60Hz or 220V / 50Hz
Refrigerant	R410A	R134a
Treatment reference	Air filter + sediment + pre-carbon + ultra-fine membrane + post-carbon + LED-UV	Air filter + sediment + pre-carbon + ultra-fine membrane + mineralization + Nano Ceram-PAC + LED-UV
Controls	LCD display	LCD display
Temperature / humidity	15-45°C; above 25% RH	15-45°C; above 25% RH
Dispensing preset	Not specified in this reference	Hot 92°C / cold 6°C

The A20 RO cartridge schedule supplied by AquaAloha is PPF + GAC + T33 + RO + BIO. It is a different filtration reference from the brochure configuration above. Another supplied A20 sheet lists 1138 mm height; match the actual revision.

Confirm the ordered model, electrical nameplate, filtration revision, installation and current availability with AquaAloha before procurement.