

## Specifications for CUBO® Units with Optional Heat

		CUBO® SG/45		CUBO® HW PLUS*	
		U.S. Measure	Metric	U.S. Measure	Metric
Ignition		Automatic Spark		N/A	
Electrical		220 V 60 Hz 1 Ph 230 V 50 Hz 1 Ph		230 V 60 Hz 3 Ph 230 V 60 Hz 1 Ph 230 V 50 Hz 3 Ph 380 V 50 Hz 3 Ph	
Airflow		3,178 CFM	5,400 m <sup>3</sup> /h	2,410 CFM	4,100 m <sup>3</sup> /h
Heat Source		LP or Natural Gas		Hot Water	
Heat Output		150,000 BTUs	45 kw	106,000 BTUs @ 180° F*	31.3 kw @ 82.2° C*
Heat Source Input Requirements		LP - 14.8" W.C. NG - 8" W.C.	Propane G31 - 37 mbar Butane G30 - 30 mbar Methane G20 - 20 mbar	Water temperature range of 158° F to 194° F	Water temperature range of 70° C to 90° C
Gas Consumption		LP - 1.7 gph NG - 141.3 cfh	LP - 3.13 kg/h NG - 4.2 m <sup>3</sup> /h	N/A	
Brood Max. distance between units 82 feet (25 m)	Number of Units per Well-Insulated House	L x W x H (in feet) x 3 BTU / 150,000	L x W x H (in m) x 35 w / 45,000	L x W x H (in feet) x 3 BTU / 106,000*	L x W x H (in m) x 35 w / 31,300*
	Number of Units per Less-Insulated House	L x W x H (in feet) x 3.5 BTU / 150,000	L x W x H (in m) x 40 w / 45,000	L x W x H (in feet) x 3.5 BTU / 106,000*	L x W x H (in m) x 40 w / 31,300*
Grow Out Max. distance between units 98 feet (30 m)	Number of Units per Well-Insulated House	L x W x H (in feet) x 2.5 BTU / 150,000	L x W x H (in m) x 30 w / 45,000	L x W x H (in feet) x 2.5 BTU / 106,000*	L x W x H (in m) x 30 w / 31,300*
	Number of Units per Less-Insulated House	L x W x H (in feet) x 3 BTU / 150,000	L x W x H (in m) x 35 w / 45,000	L x W x H (in feet) x 3 BTU / 106,000*	L x W x H (in m) x 35 w / 31,300*
Dimensions (L x D x H)		24.6 x 23.7 x 52.4 in.	62.5 x 60.2 x 133.1 cm	24.6 x 23.7 x 23.5 in.	62.5 x 60.2 x 60 cm
Weight		88 lbs.	40 kg	132 lbs.	60 kg

## Specifications for CUBO® Units without Heat

		CUBO® DESTRATIFIER S/R	
		U.S. Measure	Metric
Electrical		230 V 60 Hz 3 Ph 230 V 60 Hz 1 Ph 230 V 50 Hz 3 Ph 380 V 50 Hz 3 Ph	
Airflow		3,410 CFM	5,800 m <sup>3</sup> /h
Maximum Space Between Units – Brood**		82 feet	25 m
Maximum Space Between Units – Grow Out**		98 feet	30 m
Dimensions (L x D x H)		24.6 x 23.7 x 11 in.	62.5 x 60.2 x 28 cm
Weight		33 lbs.	15 kg

\*Output and number of units are dependent on water temperature and flow and may vary from figures shown.

\*\*For both well-insulated and less well-insulated houses.

NOTE: Number of units may vary depending on house style, size, insulation, climate where house is located and other factors. Proper pipe sizing and system design is vital to heating performance. A qualified hydraulic engineer should be consulted.



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