

Specifications and Ordering Information

Temperature	Control	±0.1°C
	Range	5°C above ambient to 60°C (140°F)
	Uniformity	±0.3°C @ 37°C (98.6°F)
	Tracking Alarm	User-programmable low
Overtemperature	Sensor	Precision thermistor
	Setability	0.1°C
	Function	User-programmable, action (shuts off heat), and indicator
	Controller	Independent analog electronic
Temperature Safety	Sensor	Independent thermostat
	Controller	Independent analog electronic
CO ₂	Control	Better than ±0.1%
	Range	0-20%
	Inlet Pressure	15 PSIG (1.0 bar)
	Sensor	T/C (thermal conductivity)
	Readability & Setability	0.1%
	Tracking Alarm	User-programmable high/low
Humidity	Input Water Quality	50K to 1Meg Ohm resistance
	Selectable Ranges	Off, Medium >80%, High >90%
	Humidity Reservoir	4 gallons (15.1 liters)
	Water Level Alarm	User-programmable on/off
Fittings	Access Port	2.4" (6.1cm) I.D., one on each side, with stopper
	CO ₂ Inlet	1/4" hose (barbed)
	Water Inlet	1/4" MPT
	Condensate Drain	3/8" FPT
	Overflow Drain	3/8" MPT
Unit Heat Load	115V/230V	510 BTUH (150 Watts), 129 kcal per hour
Shelves	Dimensions	30.6" x 25.8" (77.7cm x 65.5cm)
	Construction	Type 304, 2B finish, solid stainless steel
	Surface Area	5.4 sq. ft. (0.5 sq. m)
	Max. per Chamber	145.8 sq. ft. (13.5 sq. m)
	Standard, Maximum	5, 27
Construction	Interior Volume	29.0 cu. ft. (821.2 liters)
	Interior	Type 304, 2B finish, stainless steel
	Exterior	Cold-rolled steel, powder coated
	Insulation	2.0" (5.1cm) fiberglass
	Exterior Door	Heated, triple pane, tempered glass
	Outer Door Gasket	Molded vinyl
Electrical	3950	115V, 50/60 Hz, 10.0 FLA (Operating range 90-125V includes voltage fluctuations)
	3951	230V, 50/60 Hz, 6.0 FLA (Operating range 180-250V includes voltage fluctuations)
	Circuit Breaker/Power Switch	3950: 15 Amps/2 Pole, 3951: 8 Amps/2 Pole
	Exterior Convenience Receptacle	75 Watts maximum (matches cabinet voltage)
	Interior Convenience Receptacle	230 Watts maximum (matches cabinet voltage)
	Plug	115V: NEMA 5-15P Plug 230V: CEE 7/7 Plug
	Alarm Contacts	Power interruption, deviation of temp and CO ₂ , customer connections through jack on back of unit
	Data Outputs (opt.)	RS-485, 0-1V, 0-5V, 4-20 milliamp (select one)
Dimensions	Exterior	38.0"W x 80.0"H x 33.0"F-B (96.5cm x 203.2cm x 83.8cm)
	Interior	31.0"W x 60.0"H x 27.0"F-B (78.7cm x 152.4cm x 68.6cm)
Weight	Net	500 lbs. (226.8 kg)
	Shipping (Motor)	660 lbs. (299.4 kg)

Specifications are based on nominal voltages of 115V or 230V in ambients of 22°C to 25°C (71.6F to 77F).

Both units are UL Listed to United States and Canadian requirements and bear the CE Mark.

