

30 CUBIC FT. REFRIGERATED AND DIURNAL INCUBATORS

CARON's heavy-duty, full temperature range of 30 cubic ft. Refrigerated Incubators and Diurnal Incubators are designed for more demanding applications than the typical economy models offered by other manufacturers.

STANDARD FEATURES

- The Refrigerated Incubators offer a temperature range of 5°C to 70°C.
- The Diurnal Incubators offer a temperature range of 10°C to 70°C with lights on and 5°C to 70°C with lights off.
- The Refrigerated Incubator has a triple-pane glass door for a clear view of your valuable samples.
- The Diurnal Incubator is supplied with a light tight door cover.
- The Diurnal Incubator comes complete with a light package consisting of eight 20 Watt fluorescent lights, two per shelf on four of the five shelves and the light package includes a cycle timer for day/night temperature settings.
- Microprocessor-based PID controllers maintain excellent stability and provide reliable and repeatable results.
- Dual temperature display allows you to visualize instantaneous setpoint and operating conditions.
- CARON's carefully designed horizontal airflow system generates evenly distributed airflow across all shelf locations.
- Lockable control panel minimizes the possibility of unauthorized access and key lockable doors provide additional security.
- In the event of a power failure, non-volatile memory allows the chamber to return to its original setpoint when power is restored.
- Our products come standard with heavy-duty welded stainless steel interiors, durable powder coated exteriors, microprocessor based full PID temperature controllers and environmentally-friendly welded hermetic compressors to meet your large capacity testing needs.
- Both units include CARON's standard 12 month parts and labor warranty to guarantee the quality of our product.
- Products are designed to meet NEC, UL and CSA standards for your individual laboratory testing requirements.



SPECIFICATIONS

TYPE	REFRIGERATED INCUBATORS			DIURNAL INCUBATORS		
	6031-1	6031-2	6031-3	6032-1	6032-2	6032-3
Temperature Range	5°C to 70°C			5°C to 70°C (lights off), 10°C to 70°C (lights on)		
Temperature Control	± 0.1°C					
Temperature Uniformity	± 0.3°C			± 0.3°C (lights off)		
Lights	N/A			(8) 20 Watt Fluorescent		
Interior Dimensions	30" W x 27.5" D x 63.5" H (76.2 cm x 69.9 cm x 161.3 cm)					
Interior Construction	Type 304, 2B Finish, Solid Stainless Steel					
Exterior Dimensions	36.9" W x 37" D x 90.3" H (93.7 cm x 94 cm x 229.4 cm)					
Exterior Construction	Cold Rolled Steel, Powder Coated					
Work Space	30 cu. ft. (850 Liters)					
# of Shelves	5 Standard; 37 Maximum					
Shelf Construction	304 Stainless Steel, Wire Rod					
Shelf Dimensions	29.25" W x 26.5" D (74.3 cm x 67.3 cm)					
Electrical	115V, 60 Hz, 25A	208/230V 60Hz, 15A	230V, 50 Hz, 15A	115V, 60 Hz, 25A	208/230V 60Hz, 15A	230V, 50 Hz, 15A
Approx. Shipping Weight	750 lbs.		1035 lbs.*	750 lbs.		1035 lbs.*

*Includes export shipping crate

Specifications are based on 20°C ambient and standard voltage. Specifications are subject to change without notice.

OPTIONAL ACCESSORIES

STOCK NO. DESCRIPTION

ALRM202	Remote Alarm Contacts. Provides NO and NC dry contacts for alarms.	RCDR110	Built-in Temperature Recorder. Cobex, single pen, 7 day, 6" circular chart.
COMM102	RS485 Communications Interface. Provides a communications interface to models 6031 and 6032. Requires SFTW102 or other 3rd party software.	SFTW102	Windows-based Watlow Communications Software for data logging.
DOOR505	Solid Light Tight Door Cover for Model 6031.	SHLF101	Extra Stainless Steel Wire Rod Shelf. Includes 4 shelf clips.
RCDR107	Temperature Recorder. Honeywell, single pen, 7 day, 10" circular chart.		

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