CAR☉N

Opening Doors for Scientists

Overview of Capacity, Exterior Dimensions				
Model	Capacity	Width	Depth	Height
7001-10	10 ft³ (283L)	44.5"	31.7"	37"
7001-25	25 ft³ (708L)	35.5"	33.3"	77.1"
7001-33	33 ft³ (934L)	35.5"	33.3"	90.1"

Caron's **Refrigerated Incubators** precisely and tightly control temperature conditions from 5°C to 70°C with optional operation down to 0°C, making them the ultimate choice for refrigerated storage.

Model 7001-33
Large capacity, small footprint

Model 7001-25
Rolls through a standard doorway

Model 7001-10
Fits on a benchtop, stackable

About Refrigerated Incubators: These incubators serve a wide range of applications, such as: laboratory refrigerators, pharmaceutical refrigerators for long term storage of drug substances, temperature critical process studies, temperature conditioning and more.

Caron's Refrigerated Incubators offer more than the typical competitive economy models. Caron's Refrigerated Incubators are loaded with earth friendly and customer driven technical innovations.

The 25 ft³ (708L) and 33 ft³ (934L) units come standard with swivel locking casters and leveling feet, which aid in installation and relocation. 10 ft³ (283L) models are stackable or can fit on a sturdy benchtop.

Our large variety of optional accessories allow you to easily and cost effectively choose the options you need for your application (see next page and back page for a list options).

Caron also offers a broad array of optional factory direct services to support your facility needs. Our validation services provide complete mapping and performance certification to satisfy FDA guidelines for qualification verification of equipment.

New touchscreen controls: simple & convenient! The intuitive control panel has a real-time clock, an on-screen trend graph, is easy to reach and simple to use with fewer buttons to navigate. Just touch the 7" full-color screen to put command at your fingertips. Our controls are "smart," using breadcrumb trail navigation to keep track of your location within the menus.

The icon-based status center provides vital information updates, including: alerts, alarms and information statuses, allowing for peace of mind, worry-free operation. In fact, these updates include built-in preventative maintenance, which are real-time reminders for basic service updates. Regular maintenance enhances and preserves the reliability of your incubator.

All alerts, alarms and information status icons will display in the status bar when initiated, with additional information ready-to-read by simply selecting the icon. Our snooze mode is a convenient function that allows you to be reminded of alarms at a later time. Additionally, the built-in intelligence avoids nuisance alarms and the password protection feature prevents unauthorized access.

- The temperature range of 5°C to 70°C offers you the flexibility to simulate a wide range of temperature controlled conditions.

- **gROD™**, Refrigeration on Demand, efficiently manages power consumption and saves electricity by operating the refrigeration system only when it is needed to maintain the temperature setpoint.

- 7" color touchscreen is intuitive and features easy-to-read icons and a familiar, user-friendly display that can be operated with gloves on.

- The user interface includes a configurable status center with built-in information updates, alerts and alarms to communicate a wide range of status conditions to the user.

- In the event of a power failure, non-volatile memory allows the chamber to return to its original setpoint when power is restored.

- The interior is comprised of stainless steel, making it easy to clean and highly resistant to corrosion.

- The glass doors are heated, triple-pane and Argon-filled, minimizing condensation for a clear view of your products inside.

- Caron green door handles are aesthetically pleasing and enhance ergonomics.

- These Refrigerated Incubators are designed with energy-efficient components, including high R, CFC-free foam insulation. 115V units will plug into standard laboratory electrical outlets, which contribute to cost savings.

- Caron's carefully designed horizontal airflow system generates gentle and evenly distributed airflow across all shelf locations. Uniformity and rapid recovery are always maintained, even under heavy loads.

- 25 ft^3 and 33 ft^3 units have two access ports (one on each side) and the 10 ft^3 unit has one access port, making validation easy and providing convenient access to connect instrumentation.

- Our tool-less removable interior uses stainless steel latches, making it easy to clean and reconfigure. The stainless steel shelves slide into place and are adjustable, making them easy to clean, easy to relocate and highly resistant to corrosion.

- Many optional accessories are available, allowing you to modify the chamber to your specific application.

OPTIONAL ACCESSORIES (CONTINUED ON BACK)

MUST BE FACTORY INSTALLED AT TIME OF INITIAL ORDER	
DEFR304	Defrost system for operation down to 0°C (10 ft^3 models).
DEFR305	Defrost system for operation down to 0°C (25 & 33 ft^3 models).
DLOG301	Data logging & storage to a USB flash drive; 1 year data storage.
LGHT320	Light package with (4) 24 Watt Fluorescent lights, 2 lights per bank, 2 independent banks, day/night timer (10 ft^3 models).
LGHT321	Light package with (6) 24 Watt Fluorescent lights, 2 lights per bank, 3 independent banks, day/night timer (25 ft^3 models).
LGHT322	Light package with (8) 24 Watt Fluorescent lights, 2 lights per bank, 4 independent banks, day/night timer (33 ft^3 models).
LGHT323	Interior LED lighting with day/night timer (10 ft^3 models).
LGHT324	Interior LED lighting with day/night timer (25 & 33 ft^3 models).
LOCK301	Outer door lock (25 & 33 ft^3 models).
OUTL305-1	One internal outlet, 115V 60Hz, NEMA 5-15 (for -1 models).
OUTL305- 2	One internal outlet, 115V 60Hz, NEMA 5-15 (for -2 models).
OUTL306-3	One internal outlet, 230V 50Hz, CEE 7/16 (for -3 models).
OUTL307-3	One internal outlet, 230V 50Hz, BS1363A (for -3 models).
OUTL308-3	One internal outlet, 230V 50Hz, AS/NZS 3112 (for -3 models).
OUTL309-2	One internal outlet, 230V 60Hz, NBR 14136 (for -2 models).
OUTL310-1	3 internal outlets, 115V 60 Hz, NEMA-5-15 (25 & 33 ft^3, -1 models).
OUTL310-2	3 internal outlets, 115V 60Hz, NEMA-5-15 (25 & 33 ft^3, -2 models)
OUTL311-3	3 internal outlets, 230V, 50Hz, CEE 7/16 (25 & 33 ft^3, -3 models).
OUTL312-3	3 internal outlets, 230V 50Hz, BS1363A (25 & 33 ft^3, -3 models).

The tool-less removable interior makes configuration and cleaning simple. The entire interior can be removed in just a matter of minutes!

Caron is committed to designing sustainable products, which is vital to achieve a cleaner and energy independent future. Our green technologies are cutting edge, yielding proven cost savings and energy efficiency. Visit our website and read our white paper on energy efficient laboratory

EARTH FRIENDLY · WATER · TEMPERATURE · ENERGY

SPECIFICATIONS & OPTIONAL ACCESSORIES

Model	7001-10-1	7001-10-2	7001-10-3	7001-25-1	7001-25-2	7001-25-3	7001-33-1	7001-33-2	7001-33-3
Temperature Range	5°C to 70°C								
Temperature Control	±0.1°C								
Temperature Uniformity	±0.3°C								
Interior Dimensions	23" W x 25.8" D x 29.8"H (58.4 cm x 65.5 cm x 75.7 cm)			32" W x 27" D x 52.7"H (81.3 cm x 68.6 cm x 133.9 cm)			32" W x 27" D x 65.7"H (81.3 cm x 68.6 cm x 166.9 cm)		
Interior Construction	Type 304, 2B Finish, Solid Stainless Steel								
Exterior Dimensions	44.5" W 31.7" D* x 37" H (112.3 cm x 82.8 cm x 92.7 cm)			35.5" W x 33.3" D* x 77.1" H (90.2 cm x 84.6 cm x 195.8 cm)			35.5" W x 33.3" D* x 90.1" H (90.2 cm x 84.6 cm x 228.9 cm)		
Exterior Construction	Cold Rolled Steel, Powder Coated								
Work Space	10 cu. ft. (283 liters)			25 cu. ft. (708 liters)			33 cu. ft. (934 liters)		
# of Shelves	3 Standard; 15 Maximum			4 Standard; 25 Maximum			5 Standard; 31 Maximum		
Shelf Construction	Type 304, Perforated Stainless Steel, Electropolished								
Shelf Dimensions	22.5" W x 25.4" D (57.2 cm x 64.5 cm)			29.25" W x 24.45" D (74.3 cm x 62.1 cm)			29.25" W x 24.45" D (74.3 cm x 62.1 cm)		
Electrical	115V 60 Hz 12A	208/230V 60Hz 8A	230V 50 Hz 6A	115V 60 Hz 16A	208/230V 60Hz 10A	230V 50 Hz 8A	115V 60 Hz 16A	208/230V 60 Hz 10A	230V 50 Hz 8A
Shipping Weight lbs.	455		575**	735		875**	825		935**

*Add 2.75" for handle. **Includes Export Shipping Crate.
NOTE: Specifications are subject to change without notice. Specifications are based on 20°C ambient and standard voltage.

MORE OPTIONAL ACCESSORIES (CONTINUED)

MUST BE FACTORY INSTALLED AT TIME OF INITIAL ORDER

OUTL313-3	3 internal outlets, 230V 50Hz, AS/NZS 3112 (25 & 33 ft³, -3 models).
OUTL314-2	3 internal outlets, 230V 60Hz, NBR 14136 (25 & 33 ft³, -2 models).
PORT301	Additional 2" access port.
RAMP301	Ramp/soak programming; 5 profiles, 10 steps each, 50 steps total.
SHLF307	Heavy-duty reinforced shelf/floor (10 ft³ models).
SHLF311	Wire rod shelf kit, set of 4, replaces standard shelving (25 ft³ models).
SHLF312	Solid shelf kit, set of 4, replaces standard shelving (25 ft³ models).
SHLF313	Heavy-duty perforated shelf kit, set of 4, replaces standard shelving (25 ft³ models).
SHLF314	Wire rod shelf kit, set of 3, replaces standard shelving (10 ft³ models).
SHLF315	Solid shelf kit, set of 3, replaces standard shelving (10 ft³ models).
SHLF316	Wire rod shelf kit, set of 5, replaces standard shelving (33 ft³ models).
SHLF317	Solid shelf kit, set of 5, replaces standard shelving (33 ft³ models).
SHLF318	Heavy-duty perforated shelf kit, set of 5, replaces standard shelving (33 ft³ models).
SHLF323	Pilaster kit (set of 2) for use with SHLF303, SHLF313, SHLF320 & SHLF321 (25 ft³ models).
SHLF324	Pilaster kit (set of 2) for use with SHLF303, SHLF318, SHLF320 & SHLF322 (33 ft³ models).

CAN BE RETRO-FITTED IN THE FIELD BY A QUALIFIED TECHNICIAN

ALRM302	Remote alarm contacts provides NO & NC dry contacts.
CSTR301	Four swivel casters; two locking and two non-locking (10 ft³ models).
OUTP301	Universal analog output (0-5V, 4-20mA). Provides 1 connection for monitoring temperature.
RCDR316	Built-in temp recorder. Single pen, 6", 7 day, 24 hr.
RCDR318	Built-in temp recorder. Thermal printer, 10", 7 day, 24 hr.
RCDR320	Side-mounted temp recorder. Single pen, 10", 7 day, 24 hr.
RCDR322	Side-mounted temp recorder. Thermal printer, 12", 7 day, 24 hr.

REQUIRES CUSTOMER ASSEMBLY/INSTALLATION

CRSY102	Earth-friendly condensate recirculating system.
FLTR301	Condenser air filter replacement kit.
SHLF300	Additional perforated shelf kit, 2 shelf tracks (25 & 33 ft³ models).
SHLF301	Additional wire rod shelf kit, 2 shelf tracks (25 & 33 ft³ models).
SHLF302	Additional solid shelf kit, 2 shelf tracks (25 & 33 ft³ models).
SHLF303	Additional heavy-duty perforated shelf kit (25 & 33 ft³ models).
SHLF304	Additional perforated shelf kit, 2 shelf tracks (10 ft³ models).
SHLF305	Additional wire rod shelf kit, 2 shelf tracks (10 ft³ models).
SHLF306	Additional solid shelf kit, 2 shelf tracks (10 ft³ models).
STCK301	Stacking kit (10 ft³ models).

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