

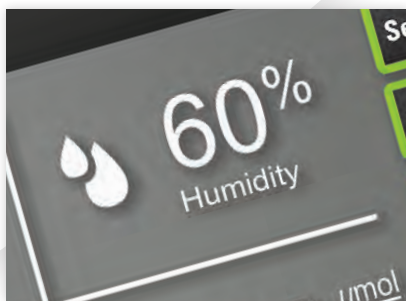


HEATED & HUMIDIFIED INCUBATORS

CARON®



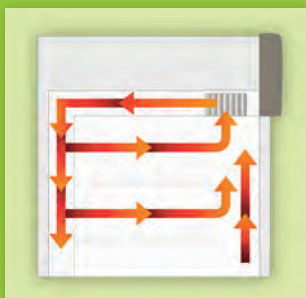
7002-10,25,33 / 7003-10,25,33



PERFORMANCE IS PRIORITY

Created-for-real world research even when that's a large-scale job.

- Validated performance, even when full, using back to front ducted airflow system.
- Dependable temperature and humidity performance, even at high and low ends of the range.*
- Condensation-resistant, with tightly sealed chamber and triple-pane glass door.
- Full Installation Qualification/Operation Qualification/Process Qualification (IQ/OQ/PQ) documentation and services available.



DEPENDABLE TECHNOLOGY

Purpose-designed for constant use.

- Durable all stainless steel interior resists corrosion for long unit life.
- Simple yet effective atomizer based controlled humidification eliminates the complexity and replacement costs of steam boilers and ultrasonics, while providing superior RH recovery performance.*
- Unique 3-minute tool-free interior removal makes units easy to maintain and keep clean.

* 7003 Humidified Models Only.

ACCELERATE YOUR TEST RESULTS

Accelerated testing requires reliable temperature or temperature & humidity conditions, regardless of sample volume. Caron's 7002 & 7003 incubators are engineered for real-world conditions and product loads.

It's not enough, in an era of compressed development cycles and process cost-control, to only meet spec when the chamber is empty.

Caron has created another reference standard in drug, product, medical device & materials testing, with elevated range incubators that offer validatable performance regardless of application or capacity utilization.



FACILITY FRIENDLY

Lowering cost of ownership for the long-term.

- gVapor® heatless humidification further reduces heat load and energy usage.*
- Essential features, such as casters, leveling feet, and access ports are all standard.
- Enormous options list allows you to customize units to meet your exact need.

* 7003 Humidified Models Only.

SPECIFICATIONS

| SPECIFICATIONS | | | | | | |
|------------------------|--|-----------------------|--|-----------------------|--|-----------------------|
| Model | 7002-10 (-1,-2,-3) | 7003-10 (-1,-2,-3) | 7002-25 (-1,-2,-3) | 7003-25 (-1,-2,-3) | 7002-33 (-1,-2,-3) | 7003-33 (-1,-2,-3) |
| Temperature Range | 10°C above Ambient to 70°C | | | | | |
| Temperature Control | ± 0.1°C | | | | | |
| Temperature Uniformity | ± 0.3°C | | | | | |
| Temperature Sensor | 3-Wire RTD | | | | | |
| Humidity Range | N/A | Amb. to 95%RH | N/A | Amb. to 95%RH | N/A | Amb. to 95%RH |
| Humidity Control | N/A | ± 3%RH | N/A | ± 3%RH | N/A | ± 3%RH |
| Humidity Sensor | N/A | Capacitive | N/A | Capacitive | N/A | Capacitive |
| 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 84.6 cm x 166.9 cm) | |
| Interior Construction | Type 304, 2B Finish, Solid Stainless Steel | | | | | |
| Exterior Dimensions | 45.5" W x 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 | Powder Coated Cold Rolled Steel | | | | | |
| Work Space | 10 ft³ (283 liters) | | 25 ft³ (708 liters) | | 33 ft³ (934 liters) | |
| Shelf Count | 3 Std. / 15 Max. | | 4 Std. / 25 Max. | | 5 Std. / 31 Max. | |
| 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) | | | |
| Shipping Weight lbs. | 420 lbs. (-1,-2) / 540 lbs. (-3)** | | 675 lbs. (-1,-2) / 815 lbs. (-3)** | | 765 lbs. (-1,-2) / 915 lbs. (-3)** | |
| Shipping Weight kg. | 191 kg. (-1,-2) / 245 kg. (-3)** | | 306 kg. (-1,-2) / 370 kg. (-3)** | | 347 kg. (-1,-2) / 415 kg. (-3)** | |

Specifications are based on 20°C ambient & standard voltage. Humidity non-condensing.
* Add 2.75" for handle. ** (-3) models include export shipping crate.

| ELECTRICAL | | | |
|----------------|----------|-----------|---------|
| Model | Voltage | Frequency | Current |
| 7002/7003-10-1 | 115V | 60 Hz | 12A |
| 7002/7003-10-2 | 208/230V | 60 Hz | 6A |
| 7002/7003-10-3 | 230V | 50 Hz | 6A |
| 7002/7003-25-1 | 115V | 60 Hz | 12A |
| 7002/7003-25-2 | 208/230V | 60 Hz | 6A |
| 7002/7003-25-3 | 230V | 50 Hz | 6A |
| 7002/7003-33-1 | 115V | 60 Hz | 12A |
| 7002/7003-33-2 | 208/230V | 60 Hz | 6A |
| 7002/7003-33-3 | 230V | 50 Hz | 6A |

MORE SIZES TO FIT YOUR FACILITY

Caron's 7002 and 7003 series reach-ins provide stackable, compact and high capacity options in 10, 25 and 33 ft³.

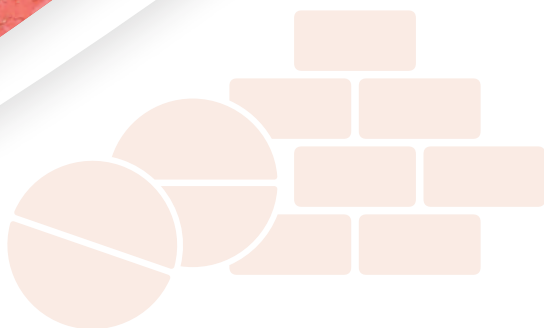


MORE OPTIONS TO FIT YOUR APPLICATION

Caron offers a wide range of accessories, customizing chambers to fit your facility's exact needs.



ELEVATED PERFORMANCE



Intuitive Controls

- Easy to read 7" touchscreen display makes operating parameters highly visible
- Intuitive breadcrumb navigation tames even complex ramp/soak protocols
- Alert and alarm messages for upcoming maintenance or immediate notifications



Flexible Humidification*

- Easy unit to install, even for facilities without purified water supply or nearby floor drain
- Multiple water feed and drain options
- Efficient gVapor® humidification saves water, compared to conventional boiler systems



Space Efficient Designs

- Match units to your capacity needs and available space
- Choice of stackable (10 ft³), roll-in (25 ft³), or maximum capacity (33 ft³) designs
- Large single-door (33 ft³ models) provides best-in-class ratio of interior capacity to floor space

** 7003 Humidified Models Only.*

ACCESSORIES

| Factory Installation | |
|----------------------|---|
| Part No. | Description |
| DLOG301 | Data Logging and Storage to USB Flash Drive |
| DRYR110 | Noise Suppression Kit for Heatless Dryer (DRYR301 Required) |
| DRYR301 | Heatless Dryer Package / Allows Humidity Operation at 2%RH (7003 Models) |
| LGHT320 | Light Package with (4) 24 W Fluorescent Lights / 2 Lights Per Bank 2 Banks / Day/Night Timer (10 ft³ Models) |
| LGHT321 | Light Package with (6) 24 W Fluorescent Lights / 2 Lights Per Bank 3 Banks / Day/Night Timer (25 ft³ Models) |
| LGHT322 | Light Package with (8) 24 W Fluorescent Lights / 2 Lights Per Bank 4 Banks / Day/Night Timer (33 ft³ Models) |
| LGHT323 | Interior LED Lighting with Day/Night Timer (10 ft³ Models) |
| LGHT324 | Interior LED Lighting with Day/Night Timer (25/33 ft³ Models) |
| OUTL321 | One Internal Outlet / 115V 60Hz / NEMA 5-15 (10/25/33 ft³, -1/-2 Models) |
| OUTL322 | One Internal Outlet / 230V 50Hz / CEE 7/16 (10/25/33 ft³, -3 Models) |
| OUTL323 | One Internal Outlet / 230V 50Hz / BS1363A (10/25/33 ft³, -3 Models) |
| OUTL324 | One Internal Outlet / 230V 50Hz / AS/NZS 3112 (10/25/33 ft³, -3 Models) |
| OUTL325 | One Internal Outlet / 230V 60Hz / NBR 14136 (10/25/33 ft³, -2 Models) |
| OUTL326 | Three Internal Outlets / 115V 60Hz / NEMA 5-15 (25/33 ft³, -1/-2 Models) |
| OUTL327 | Three Internal Outlets / 230V 50Hz / CEE 7/16 (25/33 ft³, -3 Models) |
| OUTL328 | Three Internal Outlets / 230V 50Hz / BS1363A (25/33 ft³, -3 Models) |
| OUTL329 | Three Internal Outlets / 230V 50Hz / AS/NZS 3112 (25/33 ft³, -3 Models) |
| OUTL330 | Three Internal Outlets / 230V 60Hz / NBR 14136 (25/33 ft³, -2 Models) |
| PORT301 | Additional 2" Access Port (10/25/33 ft³ Models) |
| PORT303 | Fresh Air Ports (10 ft³ Models) |
| PORT305 | Fresh Air Ports (25/33 ft³ Models) |
| RAMP301 | Ramp/Soak Programming / 5 Programs / 10 Steps Each / 50 Steps Total |
| SHLF311 | Wire Rod Shelf Kit (4) / Replaces Standard Shelving (25 ft³ Models) |
| SHLF312 | Solid Shelf Kit (4) / Replaces Standard Shelving (25 ft³ Models) |
| SHLF313 | Heavy-Duty Perforated Shelf Kit (4) / Replaces Standard Shelving (25 ft³ Models) |
| SHLF314 | Wire Rod Shelf Kit (3) / Replaces Standard Shelving (10 ft³ Models) |
| SHLF315 | Solid Shelf Kit (3) / Replaces Standard Shelving (10 ft³ Models) |
| SHLF316 | Wire Rod Shelf Kit (5) / Replaces Standard Shelving (33 ft³ Models) |
| SHLF317 | Solid Shelf Kit (5) / Replaces Standard Shelving (33 ft³ Models) |
| SHLF318 | Heavy-Duty Perforated Shelf Kit (5) / Replaces Standard Shelving (33 ft³ Models) |

Accessories / On-Site Installation

| Part No. | Description |
|----------|--|
| ALRM302 | Remote Alarm Contacts / Provides NO/NC Dry Contacts |
| BOTL301 | Carboy Water Fill Bottle and Cap / 9.5L (2.5 gal) Includes Tubing and Fittings |
| CSTR301 | 4 Swivel Casters / 2 Locking / 2 Non-Locking (10 ft ³ Models) |
| DOOR310 | Light Tight Door Cover for 25 ft ³ / 708L Models <i>Factory Installed at time of Order or Retrofitted in the Field by a Qualified Technician</i> |
| DOOR312 | Light Tight Door Cover for 33 ft ³ / 934L Models <i>Factory Installed at time of Order or Retrofitted in the Field by a Qualified Technician</i> |
| LTCH301 | One-Handed Door Latch (25/33 ft ³ Models) |
| LTCH302 | One-Handed Door Latch with Integral Key Lock (25/33 ft ³ Models) |
| OUTP301 | Universal Analog Output (0-5V, 4-20mA) / One Connection for Monitoring Temperature (7002 Models) |
| OUTP302 | Universal Analog Output (0-5V, 4-20mA) / Two Connections for Monitoring Temperature and Humidity (7003 Models) |
| PUMP301 | Drain Water Pump |
| RCDR316 | Built-in Temperature Recorder. Single Pen 6", 7 Day / 24 Hr. (7002 Models) |
| RCDR317 | Built-in Temperature/Humidity Recorder. Dual Pen 6", 7 Day / 24 Hr. (7003 Models) |
| RCDR318 | Built-in Temperature Recorder. Thermal Printer, 10", 7 Day / 24 Hr. (7002 Models) |
| RCDR319 | Built-in Temperature/Humidity Recorder. Thermal Printer, 10", 7 Day / 24 Hr. (7003 Models) |
| RCDR320 | Side-mounted Temperature Recorder. Single Pen 10", 7 Day / 24 Hr. (7002 Models) |
| RCDR321 | Side-mounted Temperature/Humidity Recorder. Single Pen 10", 7 Day / 24 Hr. (7003 Models) |
| RCDR322 | Side-mounted Temperature Recorder. Thermal Printer 12", 7 Day / 24 Hr. (7002 Models) |
| RCDR323 | Side-mounted Temperature/Humidity Recorder. Thermal Printer 12", 7 Day / 24 Hr. (7003 Models) |

Accessories / Customer Installation

| Part No. | Description |
|----------|---|
| CRSY102 | Condensate Recirculating System (7003 Models) |
| CRSYKIT | Tubing and Fitting Kit to Connect CRSY102 to 2 Chambers |
| SHLF300 | Additional Perforated Shelf Kit / 2 Shelf Tracks (25/33 ft ³ Models) |
| SHLF301 | Additional Wire Rod Shelf Kit / 2 Shelf Tracks (25/33 ft ³ Models) |
| SHLF302 | Additional Solid Shelf Kit / 2 Shelf Tracks (25/33 ft ³ Models) |
| SHLF303 | Additional Heavy-Duty Perforated Shelf Kit (25/33 ft ³ Models) (Requires SHLF313 & SHLF318) |
| SHLF304 | Additional Perforated Shelf Kit / 2 Shelf Tracks (10 ft ³ Models) |
| SHLF305 | Additional Wire Rod Shelf Kit / 2 Shelf Tracks (10 ft ³ Models) |
| SHLF306 | Additional Solid Shelf Kit / 2 Shelf Tracks (10 ft ³ Models) |
| SHLF307 | Heavy-Duty Reinforced Floor (10 ft ³ Models) |
| STCK301 | Stacking Kit (10 ft ³ Models) |
| TABL102 | Heavy Duty 48" W x 30" D x 24" H (122 x 76 x 61cm) laboratory equipment stationary table. Solid aluminum with undershelf. Holds up to 800lbs (362kg). (10 ft ³ Models) |



CARON PRODUCTS & SERVICES, INC.

PO Box 715 / Marietta OH 45750 / **PHONE** 740 373 6809 / 800 648 3042 / **FAX** 740 374 3760
caronproducts.com