



# ANIMAL REARING CHAMBERS

CARON®



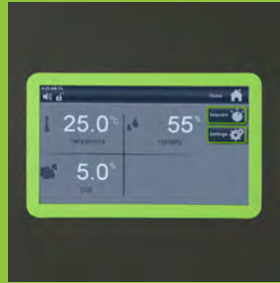
7350-25 / 7350-33



## OPTIMAL FOR ANIMALS

Durable design with application-specific options.

- Stainless steel chamber resists corrosion better than painted steel/aluminum.
- Adjustable air exchange ports directly connect to plenum-directed airflow system, for maximum air exchange and temperature uniformity.
- Easy-clean interior; all components removable without tools.
- Choice of standard cool-white LED lights, or optional narrow-spectrum Zebrafish elements.
- Available controlled humidification provides ideal rearing conditions without the contamination risk of a water pan.



## FACILITY FRIENDLY

Built to work on your site, whether or not your site was built for chambers.

- Roll-in usability; 25 ft<sup>3</sup> unit slides through standard-height doorways.
- 33 ft<sup>3</sup> units designed to maximize capacity in purpose-built rooms.
- Intuitive touchscreen controls are powerful, yet require minimal training to use.
- Heavy on performance, but light on energy usage, gROD Refrigeration On Demand only turns on when needed.

## BETTER RESULTS & A LOT LESS EFFORT

Near-ideal living conditions, from chambers purpose-built for a challenging application. Caron's new 7350 Series Animal Rearing Chambers give you the results you need, without all the usual hassle.

Small mammals, fish, birds, and amphibians are used in research areas ranging from genomics to developmental biology.

Animal chambers are a key tool for general rearing, population isolation, birthing/weaning, and small-scale specialty environments.



While one could use a basic incubator "box," animals have unique needs that can only be met by a purpose-built unit. Caron's new Animal Rearing Chambers combine adjustable vented/directed airflow, easy cleaning and maintenance, available unit sterilization, and LED light options in a package that performs better and longer than competing units.

## CLEAN CHAMBER DESIGN

**Because you want to study animals, not waste time cleaning up after them.**

- Snap-out interior removable within 3 minutes for quick and easy cleaning.
- Available hydrogen peroxide sterilization system totally eliminates parasites, mold, fungus, and bacteria in only 2 hours. Dry "no touch" cycle is easy to run, with no cleanup.
- Integral chamber drain makes flushing out spills easy and straightforward.
- Contributes to a Specific Pathogen Free (SPF) rearing environment.

# SPECIFICATIONS

| SPECIFICATIONS         |   |   |
|------------------------|---|---|
| Model                  | 7350-25   | 7350-33   |
| Temperature Range      | 10°C to 40°C  |   |
| Temperature Control    | ±0.1°C  |   |
| Temperature Uniformity | ±0.3°C  |   |
| Lights                 | (2) Side-Mounted LED Modules                                |   |
| Interior Dimensions    | 32" W x 27" D x 52.7" H<br>(81.3cm x 68.6cm x 133.9cm)      | 32" W x 27" D x 65.7" H<br>(81.3cm x 68.6cm x 166.9cm)      |
| Exterior Dimensions    | 35.5" W x 33.3" D* x 77.1" H<br>(90.2cm x 84.6cm x 195.8cm) | 35.5" W x 33.3" D* x 90.1" H<br>(90.2cm x 84.6cm x 228.9cm) |
| Interior Construction  | 2B Finish Solid Stainless Steel (Type304)                   |   |
| Exterior Construction  | Powder Coated Cold Rolled Steel                             |   |
| Work Space             | 25 ft <sup>3</sup> (708 liters)                             | 33 ft <sup>3</sup> (934 liters)                             |
| Shelf Count            | 4 Standard / 25 Maximum                                     | 5 Standard / 31 Maximum                                     |
| Shelf Construction     | Perforated Stainless Steel (Type304)                        |   |
| Shelf Dimensions       | 29.25" W x 24.45" D (74.3cm x 62.1cm)                       |   |
| Shipping Weight lbs.   | 725 lbs. (825 lbs.**)                                       | 775 lbs. (1,050 lbs.**)                                     |
| Shipping Weight kg.    | 329 kg. (374 kg.**)   | 352 kg. (476 kg.**)   |

Specifications are based on 20°C ambient and standard voltage. Specifications are subject to change without notice.  
 \*Add 2.75" for handle. \*\*7350-25-3 and 7350-33-3; Includes Export Shipping Crate.

| ELECTRICAL |                        |                        |                        |
|------------|------------------------|------------------------|------------------------|
| Model      | 7350-25-1<br>7350-33-1 | 7350-25-2<br>7350-33-2 | 7350-25-3<br>7350-33-3 |
| Voltage    | 115V                   | 208/230V               | 230V                   |
| Frequency  | 60Hz                   | 60 Hz                  | 50Hz                   |
| Current    | 13.4A                  | 6.4A                   | 6.4A                   |

# 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 ft<sup>3</sup>.



# MORE OPTIONS TO FIT YOUR APPLICATION

Add in patented\* H2O2 chamber sterilization for elimination of parasites, mold, viruses, and bacteria, a humidity control system, or digital or analog outputs for remotely monitoring.



**H2O2 STERILIZATION MODULE**



**CONTROLLED HUMIDITY**



**RAMP/SOAK PROGRAMMING**

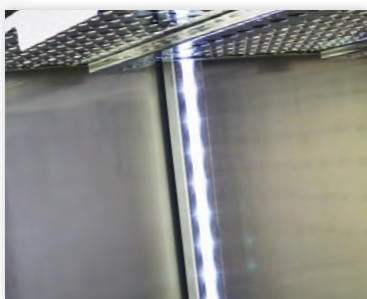


**ANALOG / DIGITAL OUTPUTS**

\*US Patent number 10,738,271



# OPTIMAL FOR ANIMALS



## 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 ft<sup>3</sup>), roll-in (25 ft<sup>3</sup>), or maximum capacity (33 ft<sup>3</sup>) designs
- Large single-door (33 ft<sup>3</sup> models) provides best-in-class ratio of interior capacity to floor space (4 ft<sup>3</sup>/ft<sup>2</sup> / 1.22 m<sup>3</sup>/m<sup>2</sup>)



*\* 7003 Humidified Models Only.*

# ACCESSORIES

## Factory Installation

| Part No. | Description  |
|----------|--|
| COAT312  | Electrostatically Coated Evaporator Coils  |
| DLOG301  | Data Logging to USB Port   |
| HUMD311  | gVapor Controlled Humidity / Ambient to 95 RH / Includes Display                             |
| LGHT341  | LED Lightpackage / Day/Night Cycle / Narrow Range (440-500nm)                                |
| PORT304  | Additional 2" Access Port  |
| RAMP301  | Ramp & Soak Controls / Programmable**  |
| STER305  | H <sub>2</sub> O <sub>2</sub> Sterilization Prep / Required for use with STER301 (not incl.) |

## Customer Installation

| Part No. | Description   |
|----------|---|
| SHLF302  | 1 Solid Shelf and Shelf Tracks for 25 & 33 ft <sup>2</sup> Units                      |
| STER301  | H <sub>2</sub> O <sub>2</sub> Sterilization Module / Requires STER305 or STER306 Prep |
| STER302  | H <sub>2</sub> O <sub>2</sub> Single-Use Canister                                     |
| STER303  | H <sub>2</sub> O <sub>2</sub> Single-Use Canisters / 5-Pack                           |

## On-Site Installation\*

| Part No. | Description   |
|----------|---|
| ALRM302  | Remote Alarm Contacts / Provides NO/NC Dry Contacts   |
| LGHT602  | UV Germicidal Lamp for Incoming Water Line (Requires HUMD311)   |
| LTCH301  | One-Handed Outer Door Latch   |
| LTCH302  | One-Handed Outer Door Latch with Integral Key Lock  |
| OUTP301  | Universal Analog Output (0-5V,4-20mA) / Provides 1 Connection for Monitoring Temperature                                  |
| OUTP302  | Universal Analog Output (0-5V,4-20mA) / Provides 2 Connections for Monitoring Temperature and Humidity (Requires HUMD311) |
| RCDR316  | 6" Chart Recorder Temperature Only  |
| RCDR317  | 6" Chart Recorder Temp/Humid (Must Have HUMD311 Option)   |
| RCDR318  | 10" Chart Recorder Temperature Only   |
| RCDR319  | 10" Chart Recorder Temp/Humid (Must Have HUMD311 Option)  |
| STER306  | H <sub>2</sub> O <sub>2</sub> Sterilization Prep / Required for use with STER301 (not incl.)                              |

\* On-Site Installations are performed by a trained technician. \*\* Limited dehumidification capacity with this model may affect ramp down RH speed.



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