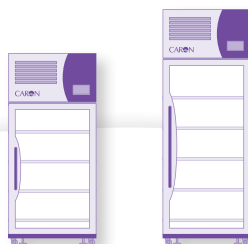


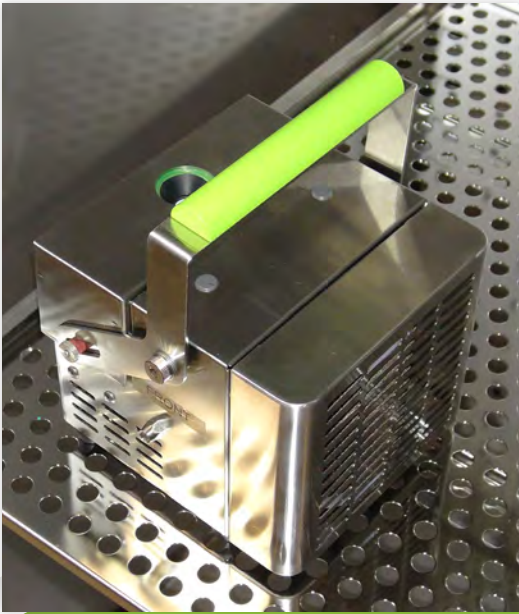


# REACH-IN CO<sub>2</sub> INCUBATORS

CARON®



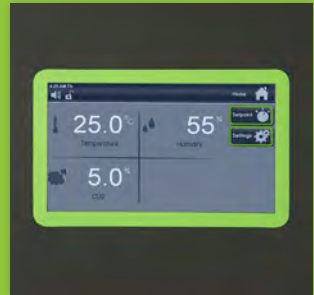
7400-25 / 7400-33



## CLEAN CONDITIONS

Your reach-in is a workhorse. We can help you keep it working clean.

- Available 2-hour dry H<sub>2</sub>O<sub>2</sub> cycle for fast validatable chamber sterilization, with no post-cycle reassembly or wipe-down.
- Tool-free interior disassembles in under three minutes, for fast and easy cleanup.
- Available “dry chamber” controlled RH system eliminates contamination-prone water pan.



## FACILITY-FRIENDLY

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

- Standard plug-in electrical and low power usage reduce both setup and operating costs.
- Features you need, such as corrosion-resistant stainless steel interior, glass doors, access ports, and casters and leveling feet, are standard on every chamber.
- Intuitive touchscreen controls are powerful, yet require minimum training to use.
- 25 ft<sup>3</sup> units roll in through standard door openings.

## HIGH PRECISION INCUBATION

The large Reach-in CO<sub>2</sub> Incubator has been reinvented; now with the culture quality, cleanability, and ease of setup and use you've come to expect from smaller units.



Just because your culture needs are high-volume, why should you expect less functionality than on your small stackable CO<sub>2</sub> incubators?

Introducing the second generation of Caron's 7400 Series reach-ins, bringing small-chamber precision to a full-sized growth environment.

## CULTURE QUALITY

**Critical culture growth conditions. Now in a large-scale growth chamber.**

- Uniform back to front air flow and tightly sealed foam insulated cabinet for tight  $\pm 0.3^{\circ}\text{C}$  temperature uniformity, even when full.
- Latest-generation dual-beam IR CO<sub>2</sub> sensor is stable and constant, even when RH conditions vary.
- Optional one-handed positive door latch/ lock system prevents temperature and humidity loss due to incomplete door closure.
- Touchscreen controls with alerts keep you ahead of unit preventative maintenance situations.

# SPECIFICATIONS

SPECIFICATIONS		
Model	7400-25	7400-33
Temperature Range	10°C Above Ambient to 60°C	
Temperature Control	±0.1°C	
Temperature Uniformity	±0.3°C	
Temperature Sensor	RTD	
Humidity Range	Elevated Up to 95% at 37°C	
Controlled Humidity Range	Ambient to 95% RH / ±3% RH ***	
CO2 Range	0-20% CO <sub>2</sub>	
CO2 Control	±0.1% CO <sub>2</sub>	
CO2 Sensor	Infrared CO <sub>2</sub> Sensor	
Interior Dimensions	32" W x 27" D x 52.7" H (81.3cm x 68.6cm x 133.9cm)	32" W x 27" D x 65.7" H (81.3cm x 68.6cm x 166.9cm)
Exterior Dimensions	35.5" W x 33.3" D* x 77.1" H (90.2cm x 84.6cm x 195.8cm)	35.5" W x 33.3" D* x 90.1" H (90.2cm x 84.6cm x 228.9cm)
Interior Construction	2B Finish Solid Stainless Steel (Type 304)	
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 (Type 304)	
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. \*\*7400-25-3 and 7400-33-3; Includes Export Shipping Crate. \*\*\*Optional feature.

ELECTRICAL			
Model	7400-25-1 7400-33-1	7400-25-2 7400-33-2	7400-25-3 7400-33-3
Voltage	115V	208-230V	230V
Frequency	60Hz	60Hz	50Hz
Current	12.9A	6.5A	6.5A



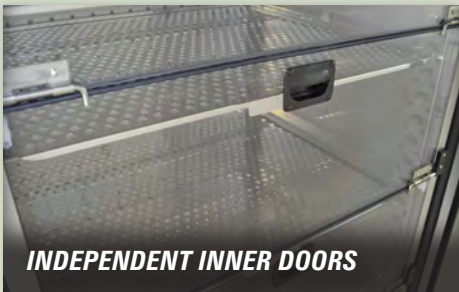
# MORE SIZES TO FIT YOUR FACILITY

Caron's 7400 Series reach-ins bring small-chamber precision to a full-sized growth environment. Full-sized capacities available in 25 or 33 ft<sup>3</sup>.

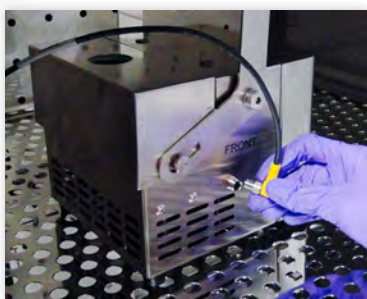


# MORE OPTIONS TO FIT YOUR APPLICATION

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



# HIGH PRECISION INCUBATION



## Available Chamber Sterilization

- Unique patented 2 hour H<sub>2</sub>O<sub>2</sub> chamber sterilization
- Removable module can be moved from chamber to chamber
- Fast cycle setup and cleanup



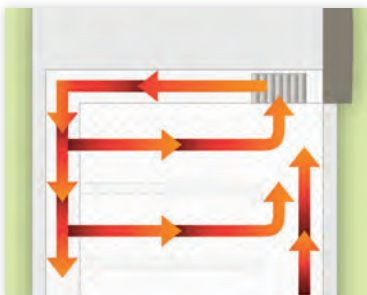
## Roll-in Usability

- 25 ft<sup>3</sup> units roll under standard height doors
- Units fit in general-purpose lab space
- Add chamber capacity without altering your lab



## Secure Yet Easy Access

- Available positive latching system with pull access
- Ergonomic one-handed access to latched chamber
- Available with or without integral lock



## Uniform Directed Airflow

- Back to front air flow
- Positive pressure plenum design
- Uniform even when heavily loaded lock

*\*US Patent number 10,738,271*

# ACCESSORIES

## Factory Installation

Part No.	Description
DLOG301	Data Logging to USB Port
GASG302	Built-In Gas Guard / Detects Low Gas Pressure and Automatically Switches from Primary to Secondary Tank
HUMD304	Controlled Humidity / Ambient to 95% RH / Includes Display
HUMD315	Humidity display with sensor, does not control RH
OUTL321	One Internal Outlet / 115V 60Hz / NEMA 5-15 (For -1/-2 Models)
OUTL322	One Internal Outlet / 230V 50Hz / CEE 7/16 (For -3 Models)
OUTL323	One Internal Outlet / 230V 50Hz / BS 1363A (For -3 Models)
OUTL324	One Internal Outlet / 230V 50Hz / AS/NZS 3112 (For -3 Models)
OUTL325	One Internal Outlet / 230V 60Hz / NBR 14136 (For -2 models)
OUTL326	Three Internal Outlets / 115V 60Hz / NEMA 5-15 (For -1/-2 models)
OUTL327	Three Internal Outlets / 230V 50Hz / CEE 7/16 (For -3 Models)
OUTL328	Three Internal Outlets / 230V 50Hz / BS 1363A (For -3 Models)
OUTL329	Three Internal Outlets / 230V 50Hz / AS/NZS 3112 (For -3 Models)
OUTL330	Three internal Outlets / 230V 60Hz / NBR 14136 (For -2 Models)
PORT301	Additional 2" Access Port
SHLF311	Wire Rod Shelf Kit / Set of 4 / Replaces 25 ft <sup>3</sup> Standard Shelving
SHLF312	Solid Shelf Kit / Set of 4 / Replaces 25 ft <sup>3</sup> Standard Shelving
SHLF316	Wire Rod Shelf Kit / Set of 5 / Replaces 33 ft <sup>3</sup> Standard Shelving
SHLF317	Solid Shelf Kit / Set of 5 / Replaces 33 ft <sup>3</sup> Standard Shelving
SHLF321	Ultra-Level Glass Shelf Kit / Set of 4 / 25 ft <sup>3</sup> Standard Shelving
SHLF322	Ultra-Level Glass Shelf Kit / Set of 5 / 33 ft <sup>3</sup> Standard Shelving
STER305	H <sub>2</sub> O <sub>2</sub> Sterilization Prep / Required for use of STER301 Sterilization Module

## Customer Installation

Part No.	Description
CRSY102	Condensate Recirculating System / Provides a Pure Water Source for Chambers (Requires HUMD304)

# ACCESSORIES

Customer Installation	
Part No.	Description
REGL101	CO <sub>2</sub> Tank Regulator / 2-Stage, Range 0-2,000 PSI / Dual Pressure Gauges
SHLF301	1 Wire Rod Shelf and Shelf Tracks <i>(For 25 &amp; 33 ft<sup>3</sup> Units)</i>
SHLF302	1 Solid Shelf and Shelf Tracks <i>(For 25 &amp; 33 ft<sup>3</sup> Units)</i>
SHLF320	1 Ultra-Level Glass Shelf <i>(SHLF323 or SHLF324 Required)</i>
SHLF323	2 Stainless Steel Pilasters <i>(SHLF320 or SHLF322, 25 ft<sup>3</sup> Units)</i>
SHLF324	2 Stainless Steel Pilasters <i>(SHLF320 or SHLF322, 33 ft<sup>3</sup> Units)</i>
STER301	H <sub>2</sub> O <sub>2</sub> Sterilization Module <i>(Requires STER305 or STER306 Prep)</i>
STER302	Single-Use 35ml H <sub>2</sub> O <sub>2</sub> Canister <i>(Use with STER301)</i>
STER303	Set of 5 35ml H <sub>2</sub> O <sub>2</sub> Canisters <i>(Use with STER301)</i>

On-Site Installation*	
Part No.	Description
ALRM302	Remote Alarm Contacts Provide NO & NC Dry Contacts
DOOR303	Independent Sealed Inner Door Kit / 4 Sections / 25 ft <sup>3</sup> Units
DOOR307	Independent Sealed Inner Door Kit / 5 Sections / 33 ft <sup>3</sup> Units
DOOR310	Light Tight Door Cover / 25 ft <sup>3</sup> Units
DOOR312	Light Tight Door Cover / 33 ft <sup>3</sup> Units
LGHT602	UV Germicidal Lamp for Incoming Water Line <i>(Requires HUMD304)</i>
LOCK301	Outer Door Lock
LTCH301	One-Handed Outer Door Latch
LTCH302	One-Handed Outer Door Latch with Integral Key Lock
OUTP302	Universal Analog Output (0-5V, 4-20mA) / Provides 2 Connections for Monitoring Temperature and Humidity or CO <sub>2</sub>
OUTP303	Universal Analog Output (0-5V, 4-20mA) / Provides 3 Connections for Monitoring Temperature, Humidity and CO <sub>2</sub> <i>(Requires HUMD304)</i>
STER306	H <sub>2</sub> O <sub>2</sub> Sterilization Prep / Required for Use of STER301 STER306 Sterilization Module

\*On-Site Installations are performed by a trained technician.

