

## Thermo Scientific Revco® CO<sub>2</sub> Incubators

Ultima II Series  
Elite II Series  
Ultima II Midi



# A Safe, Stable Environment for Culturing Cells

Thermo Scientific Revco® water-jacketed CO<sub>2</sub> incubators are carefully engineered to provide an optimal, stable growing environment for cultures.

Our Revco CO<sub>2</sub> incubators incorporate advanced functionality to make set-up, start-up and operation easier than ever. Easy controlling of cell growth temperature and atmosphere.

Our Revco incubators are available with chamber capacities of **3.3 cu. ft.** (compact models) or **5.8 cu. ft.** (full size models) and infrared or thermal conductivity CO<sub>2</sub> control. All models feature the advanced IntrLogic™ II control, alarm and monitoring system, and are built to meet UL, CUL and CE criteria for safety and performance.

Our **Ultima® II models** provide advanced features for demanding research needs. A seamless, deep-drawn stainless steel chamber interior improves resistance to contamination. Models are available with optional 3-gas CO<sub>2</sub>/ O<sub>2</sub>/ N<sub>2</sub>.

Our Fully equipped **Elite™ II models** have a welded interior, and provide repeatable and reliable performance for routine culture work.

Our 1.4 cu. ft. **Ultima II Midi CO<sub>2</sub> Dry Wall Incubator** offers full performance in a space-saving benchtop cabinet (for details and specifications, turn to pages 9 and 10).

## Research Applications

Cell biology • Viral growth  
Tissue culture • Genetics studies  
Cancer research • Embryo growth  
Microbiological/biochemical assays



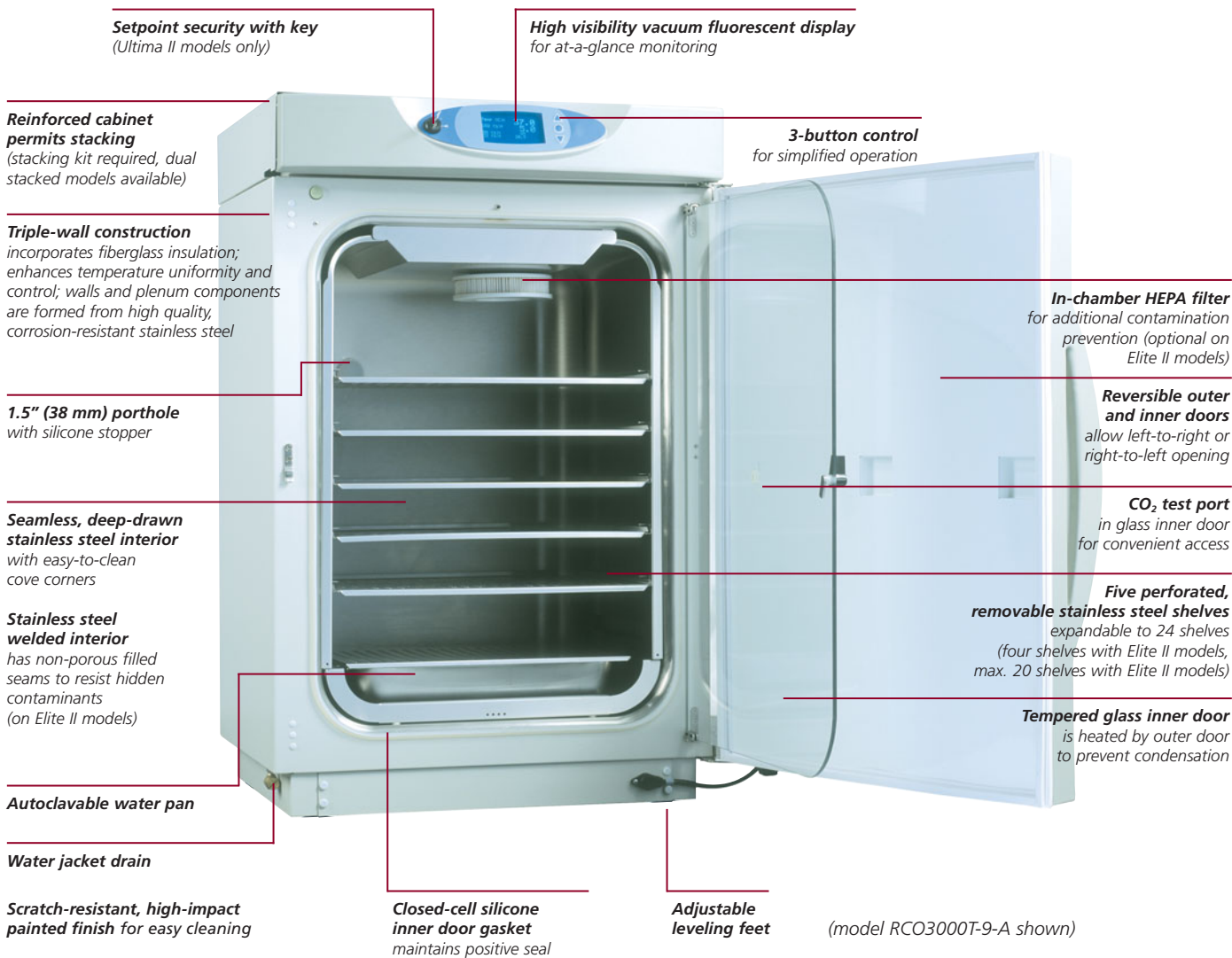
Our Revco 5.8 cu. ft. Ultima II CO<sub>2</sub> incubator (left) and our Revco 3.3 cu. ft. Elite II CO<sub>2</sub> incubator (right). Incubators are available in single and dual chamber (stacked) configurations, with a choice of infrared or thermal conductivity CO<sub>2</sub> control.

## Quick Reference Feature Comparison

	Ultima II Series	Elite II Series
3.3 cu. ft. compact models	–	✓
5.8 cu. ft. full size models	✓	✓
Single or dual chamber (stacked) units	✓	✓
Automated, user-friendly set-up	✓	✓
IntrLogic II microprocessor control	✓	✓
EasyView Vacuum fluorescent display	✓	✓
3-gas model	✓	–
Gas input HEPA filter	✓	✓
In-chamber HEPA filter	✓	option
Thermal conductivity CO <sub>2</sub> control	✓	✓
Infrared CO <sub>2</sub> control	✓	✓
CO <sub>2</sub> alarm	✓	✓
CO <sub>2</sub> auto shut-off	✓	✓
CO <sub>2</sub> tank switcher	✓	option
CO <sub>2</sub> test port (in center of glass door)	✓	✓
Water pan	✓	✓
Passive RH with selectable RH display	✓	✓
Setpoint security with key	✓	–
Control panel key switch	✓	✓
Temperature alarm	✓	✓
Water jacket temperature indicator	✓	✓
Ambient high/low visual alarm	✓	–
Remote alarm contacts	✓	✓
Battery back-up for alarm system	✓	✓
RS 485 data port	✓	✓
IncuSoft™ data logging software	✓	option
Seamless chamber interior	✓	–
Welded chamber interior	–	✓
Reversible doors	✓	✓
1.5" (38 mm) porthole (in rear wall)	✓	✓
Adjustable leveling feet	✓	✓

# Superior Construction

Thermo Scientific Revco CO<sub>2</sub> incubators feature controls and cabinet construction engineered exclusively for demanding laboratory environments. Match your incubator to your research needs and laboratory environment by choosing the Ultima II or Elite II Series compact (3.3 cu. ft.) or full size (5.8 cu. ft.) chamber capacities and thermal conductivity or infrared CO<sub>2</sub> control.



## Ultima II and Elite II Performance Features

- "Plug & Play" routine for easy, automated start-up
- IntrLogic II control system for safe, efficient operation
- High visibility EasyView display (patent pending)
- Optimum cell culture environment
- Stability, accuracy and repeatability
- Quick response and recovery
- Comprehensive alarm and monitoring



# Easy Set-Up, Control and Monitoring

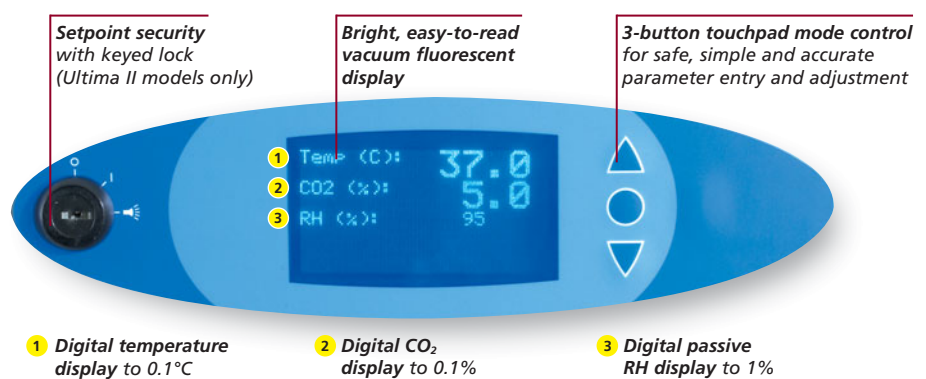
Ultima II and Elite II CO<sub>2</sub> incubators have control functionality that's easy to use.

Upon start-up, simply follow the instructions that the "Plug & Play" routine displays in the bright, easy-to-read, vacuum fluorescent alphanumeric display. Progress through the menu sets, enter your environmental, setpoint and alarm parameters via the InLogic II controller's 3-button touchpad, and after stabilization, your incubator will be ready for work!

Enhanced microprocessor-based InLogic II control provides comprehensive control, monitoring and display of all incubator systems for safe, efficient operation. Digital read-outs and alphanumeric displays simplify operation and monitoring, and the highly visible display can even be monitored from across the room.



Alphanumeric prompts provide clear instructions for set-up and parameter entry.



## Sophisticated Alarm, Security and Back-Up Systems

### All Models

- Audible/visual CO<sub>2</sub> alarm programmable to within 1% deviation above or below setpoint
- Audible/visual programmable temperature alarm alerts on high/low deviation from setpoint
- Battery back-up for alarm control system
- Remote alarm contacts
- Water-jacket temperature indication



Our 3.3 cu. ft. Elite II CO<sub>2</sub> incubator (model RCC3000T-5-A)

**Ultima II Incubators** provide additional alarm, security and back-up functionality as standard:

- Setpoint security prevents unauthorized control access
- Ambient high/low visual alarm
- RS 485 data port and IncuSoft™ data logging software for real-time running record
- Main to back-up CO<sub>2</sub> tank switcher automatically switches to back-up tank when main CO<sub>2</sub> tank is empty (available as option on Elite II models)



Our 5.8 cu. ft. Ultima II CO<sub>2</sub> incubator (model RCO3000T-9-A)



Our 5.8 cu. ft. Ultima II CO<sub>2</sub> incubator in dual (stacked) configuration (model RCO3000D-9-A).

# A Warm, Stable Environment for Quality Cell Life

## CO<sub>2</sub> Control: Thermal Conductivity or Infrared?

Our Revco CO<sub>2</sub> incubators are offered with **thermal conductivity** (temperature transmission sensor) or **infrared** (light diffraction sensor) control systems to suit your preference for automatic CO<sub>2</sub> control. The IR sensor is ideal for precise CO<sub>2</sub> control in fluctuating temperature and humidity applications. The thermal conductivity sensor provides accurate CO<sub>2</sub> control for applications with more consistent temperature and humidity levels.

Both control systems use a sensor assembly positioned at the top of the interior chamber. A small blower wheel gently moves interior air across the sensor to compare actual % CO<sub>2</sub> against the setpoint. Continuous sampling maintains the highest CO<sub>2</sub> accuracy and initiates automatic recovery following door openings. The IntrLogic II controller reads data from the sensor to inject gas upon demand and to operate display and alarm functions.

### Gas Control

- CO<sub>2</sub> range 0% to 20%
- CO<sub>2</sub> control sensitivity 0.1%
- CO<sub>2</sub> stability  $\pm 0.1\%$ ,
- CO<sub>2</sub> auto shut-off upon door opening
- Touchpad adjusts calibration of CO<sub>2</sub>
- CO<sub>2</sub> factory calibrated at 5% and 10%

*The CO<sub>2</sub> system requires a gas input pressure of 15 PSIG from a two-stage regulator (see Accessories).*



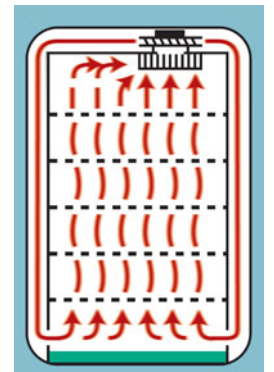
## Consistent Temperature Control

A **water-jacket** surrounds Ultima II and Elite II interior chambers for thermal stability and uniform heating. Gentle upward air flow within the chamber assures top-to-bottom temperature uniformity at all shelf levels, and up to 96% RH at +37°C to minimize desiccation of small volume samples. The blower wheel automatically shuts off when the inner glass door is opened. The illustration shows the incubator with the HEPA filter option and the air flow within the chamber.

### Temperature Control

- Microprocessor-based
- RTD sensor
- Temperature range + 5°C above ambient to 60°C
- Temperature control sensitivity  $\pm 0.1^\circ\text{C}$
- Temperature stability  $\pm 0.1^\circ\text{C}$
- Temperature uniformity  $\pm 0.4^\circ\text{C}$  at 37°C
- Ergonomic, easy-to-read control display
- Touchpad control for temperature adjustments
- Temperature factory calibrated at 37°C

*(Performance may vary depending on load and application)*



# A Warm, Stable Environment for Quality Cell Life

## Relative Humidity

Our Revco CO<sub>2</sub> incubators are equipped with an **autoclavable water pan** to help manage humidity, the primary factor in preventing cell and media desiccation.

- Passive humidification read-out
- Up to 96% RH with in-chamber humidity pan
- User-selectable RH display with 1% resolution



Water pan

## Additional Protection for Your Cultures

If routine door openings expose cultures to airborne particulates from your lab, the **in-chamber HEPA filter** (optional on Elite II models) will dramatically improve air quality and provide additional protection from contamination and cross-contamination. The atmosphere is continuously filtered to remove airborne particulates while maintaining still air culture environment without high-velocity air flow.

- 99.97% efficiency in capturing 0.3 micron particles
- Captures contaminants including hair, pollen, plant spores, skin and bacteria
- Easy removal and replacement



HEPA filter

## 3-gas (CO<sub>2</sub>/ O<sub>2</sub>/ N<sub>2</sub>) Model

Our **Ultima II 3-gas incubators** provide an O<sub>2</sub> atmosphere of up to 40% for applications requiring hypoxic or hyperoxic conditions. 3-gas incubators are equipped with infrared CO<sub>2</sub> control.

### O<sub>2</sub> Control

- O<sub>2</sub> range 1% to 40%
- O<sub>2</sub> display  $\pm$  0.1%
- O<sub>2</sub> sensor life tracking



Digital O<sub>2</sub> display to 0.1% on 3-gas Ultima II incubators.

*(Performance may vary depending on load and application)*

# Thermo Scientific Revco Ultima II CO<sub>2</sub> Incubators

Our Revco Ultima II CO<sub>2</sub> incubators are built to meet UL, CUL and CE criteria for safety and performance. They offer the highest level of technology to protect valuable cultures and provide sophisticated functionality for demanding research applications.



Our 5.8 cu. ft. Ultima II CO<sub>2</sub> incubator (model RCO3000T-9-A) with in-chamber HEPA filter for additional culture protection.

- 5.8 cu. ft. (full size) models
- Single or dual chamber (stacked) units
- Automated, user-friendly set-up
- IntrLogic II microprocessor control
- EasyView Vacuum fluorescent display
- 3-gas model
- Seamless chamber interior
- Gas input HEPA filter
- In-chamber HEPA filter
- Thermal conductivity or infrared CO<sub>2</sub> control
- CO<sub>2</sub> alarm
- CO<sub>2</sub> auto shut-off
- CO<sub>2</sub> tank switcher
- CO<sub>2</sub> test port (in center of glass door)
- Water pan
- Passive RH read-out with selectable RH display
- Key activated setpoint security
- Control panel key switch
- Adjustable temperature alarm
- Water jacket temperature indicator
- Ambient high/low visual alarm
- Remote alarm contacts
- Battery back-up for alarm system
- RS 485 data port
- IncuSoft™ data logging software
- Reversible doors
- 1.5" (38 mm) porthole (in rear wall)
- Adjustable leveling feet

## Revco Ultima II Series Specifications

	Model	Chamber Configuration	Chamber Capacity (Cu. ft./L)	CO <sub>2</sub> Sensor <sup>1</sup>	Voltage /Hz	Amps /Breaker	Interior Dimensions H x D x W Inches (mm)	Exterior Dimensions H x D x W Inches (mm)	Ship Weight (lb./kg)
<b>Ultima II Full Size Models</b>	RCO3000T-9-A	Single	5.8/164	TC	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	265/120
	RCO3000D-9-A	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	TC	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	550/249
	RCO3000T-9-V	Single	5.8/164	TC	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	265/120
	RCO3000D-9-V	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	TC	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	550/249
	RCO5000T-9-A	Single	5.8/164	IR	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	265/120
	RCO5000D-9-A	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	IR	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	550/249
	RCO5000T-9-V	Single	5.8/164	IR	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	265/120
	RCO5000D-9-V	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	IR	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	550/249
<b>Ultima II 3-Gas Models</b>	RTG5000T-9-A	Single, 3-gas <sup>2</sup>	5.8/164	IR	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	265/120
	RTG5000D-9-A	Dual, 3-gas <sup>2</sup> (stacked) <sup>3</sup>	5.8/164 (x 2)	IR	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	550/249
	RTG5000T-9-V	Single (3-gas) <sup>2</sup>	5.8/164	IR	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	265/120
	RTG5000D-9-V	Dual, 3-gas <sup>2</sup> (stacked) <sup>3</sup>	5.8/164 (x 2)	IR	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	550/249

<sup>1</sup> TC = Thermal Conductivity sensor, IR = Infrared sensor. <sup>2</sup> O<sub>2</sub> range 1% to 40%, O<sub>2</sub> sensor life tracking fitted. <sup>3</sup> Each unit has an independent power cord and plug. Dual units are shipped in stacked configuration. Interior dimensions for dual (stacked) units are per chamber. All specifications subject to change without notice. All dimensions are approximate.

# Thermo Scientific Revco Ultima II Midi Dry Wall CO<sub>2</sub> Incubator

With a chamber capacity of our 1.4 cu. ft., the Ultima II Midi is a fully-featured, high-performance CO<sub>2</sub> incubator designed for personal, single-user or small sample applications.

Less than 24" (610 mm) wide, the compact Midi footprint is ideal for benchtop use or in a biological safety cabinet.



*Our RMI3000 Series Midi CO<sub>2</sub> incubator with automatic CO<sub>2</sub> control.*

## Full Performance in a Space-Saving Benchtop Cabinet

- IntrLogic II control system for safe, efficient operation
- EasyView high visibility vacuum fluorescent display
- Microprocessor-based automatic thermal conductivity CO<sub>2</sub> control
- Seamless interior chamber with radiant wall heating for accurate, uniform temperatures in a low-maintenance, easy-to-clean configuration
- Adjustable alarm
- Built to UL, CE and CUL standards for safety and performance

## Enhanced IntrLogic II Control

Our Ultima II Midi incubators use the IntrLogic II microprocessor-based control system with alphanumeric setpoint display of temperature, CO<sub>2</sub>, alarm, calibration and diagnostic functions. Enhanced microprocessor-based IntrLogic II control provides comprehensive control, monitoring and display of all incubator systems for safe, efficient operation. Digital read-outs and alphanumeric displays simplify operation and monitoring, and the highly visible display can even be monitored from across the room.

- Auto-zero calibration maintains accurate thermal gas performance
- Comprehensive alarm system with audible and visual alerts monitors temperature and CO<sub>2</sub> functions
- Temperature range 5°C above ambient to 60°C
- Temperature control  $\pm 0.1^\circ\text{C}$
- Touchpad control of temperature and CO<sub>2</sub>



*Our RMI3000S Series Midi CO<sub>2</sub> incubator features IntrLogic II control, a 3-button touchpad, setpoint security and the EasyView high visibility vacuum fluorescent display.*

# Thermo Scientific Revco Ultima II Midi CO<sub>2</sub> Incubator: Superior Construction



## Specifications

### Revco Ultima II Midi Incubator

Model	Cabinet Configuration	Chamber Capacity (Cu. ft./L)	CO <sub>2</sub> Sensor <sup>1</sup>	Voltage /Hz	Amps /Breaker	Interior Dimensions H x D x W Inches (mm)	Exterior Dimensions H x D x W Inches (mm)	Ship Weight (lb./kg)
RMI3000S-9A	Benchtop	1.4/39.6	TC	120/60	1.5/15	14.0 x 12.0 x 14.0 (355 x 305 x 355)	18.3 x 18.5 x 23.5 (465 x 470 x 597)	60/28
RMI3000S-9V	Benchtop	1.4/39.6	TC	230/50/60	1.0/15	14.0 x 12.0 x 14.0 (355 x 305 x 355)	18.3 x 18.5 x 23.5 (465 x 470 x 597)	60/28

<sup>1</sup> TC = Thermal Conductivity sensor. All specifications subject to change without notice.

# Options and Accessories

## Cabinet Options and Hardware

	Catalog No.
Field stacking kit for Ultima II Incubators (120 V units)	7269-1
Field stacking kit for Ultima II Incubators (230 V units)	7269-2
<i>Kit enables a field stacking retrofit.</i>	
Caster dolly for 3.3 cu. ft. (compact) and 5.8 cu. ft. (full size) models	6720
<i>Caster dolly raises exterior height by 5" (127 mm). Permits easy movement with minimal effort.</i>	
In-chamber HEPA filter option for Elite II incubators	6954
<i>Factory installed; specify when ordering.</i>	
HEPA filter replacement, pack (4 per pack)	6951
<i>Snap-in HEPA filter replacement for all models.</i>	
CO <sub>2</sub> auto switchover system for Elite II incubators (built-in, single chamber, 120 V)	6325-1
CO <sub>2</sub> auto switchover system for Elite II incubators (built-in, dual chamber, 230 V)	6325-2
CO <sub>2</sub> auto switchover system for Elite II incubators (free-standing, 120 V)	6281
CO <sub>2</sub> auto switchover system for Elite II incubators (free-standing, 230 V )	6281-1
<i>Automatically switches from primary to standby CO<sub>2</sub> cylinder. Sounds alarm when switchover occurs. Free-standing configuration allows retrofit to incubators purchased without built-in system. Built-in configuration is factory installed; specify when ordering.</i>	
IncuSoft™ data logging software for Elite II incubators	7270
<i>Enables real-time running record. Factory installed; specify when ordering.</i>	
Left hand door swing (per door)	6554
<i>Right hand door swing standard; optional left-hand door swing is factory installed, specify when ordering.</i>	
4 – 20 milliamp temperature transmitter (-20°C to 100°C)	7258
<i>Factory installed; specify when ordering.</i>	
Water pan	6322
<i>Deep drawn, stainless steel, 1.5 gallon capacity.</i>	
Extra shelf	6305
<i>20 gauge, with channel brackets. Perforated, polished stainless steel.</i>	



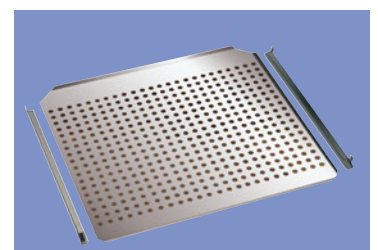
HEPA filter



Tank interchange system



Water pan



Extra shelf

# Options and Accessories

## Start-Up, Maintenance and Decontamination Materials, Incubator Cleaning Agents

	Catalog No.
<b>Start-up kit</b> <i>Includes 0.3 micron in-line gas input filter, funnel, gas tubing, water tubing, "Y" fitting for multiple CO<sub>2</sub> sources or multiple incubator chamber inputs, and water conditioning crystals.</i>	7039
<b>Decontamination kit</b> <i>Includes replacement snap-on blower wheel, 0.3 micron in-line gas gas filters and associated gaskets, funnel, 10' gas tubing, "Y" fitting for multiple CO<sub>2</sub> sources or multiple incubator chamber inputs, and water conditioning crystals.</i>	6990
<b>Water conditioning crystals</b> <i>Typically added to water-jacket when filling to help prevent jacket corrosion.</i>	6326
<b>No-rinse cleaning agent (3.5 L)</b> <i>Germicide/algicide and deodorizer. Helps to remove contamination from hard-to-reach areas.</i>	6314
<b>Disinfectant cleaning agent spray (12 cans/case)</b> <i>Convenient cleaning agent for general laboratory applications.</i>	6315
<b>Disinfectant cleaning agent (3.5 L)</b> <i>Destroys a wide variety of pathogenic organisms. Low surface tension assures maximum spread and penetration into any cracks or crevices. Enables quick, thorough chamber cleaning with minimal downtime.</i>	6316

## Fyrite® Kits and Supplies

	Catalog No.
CO <sub>2</sub> / O <sub>2</sub> gas analyzer kit	6309
CO <sub>2</sub> gas analyzer kit	6310
O <sub>2</sub> gas analyzer kit	6311
CO <sub>2</sub> replacement fluid	6312
O <sub>2</sub> replacement fluid	6313
<i>Fyrite analyzers provide economical and effective confirmation of gas percentage. Includes storage case and aspirator sampling assembly.</i>	



Fyrite gas analyzer kit

## Incubator Validation Option

	Catalog No.
<b>Validation package for CO<sub>2</sub> incubators</b> <i>Contact your Sales Representative for details.</i>	6986-15

# Thermo Scientific Revco Elite II CO<sub>2</sub> Incubators

Our fully-equipped Revco Elite II CO<sub>2</sub> incubators provide repeatable and reliable performance for routine culture work.



Our 3.3 cu. ft. Elite II CO<sub>2</sub> incubator (model RCC3000T-5-A).

- 5.8 cu. ft. (full size) and 3.3 cu. ft. (compact) models
- Single or dual chamber (stacked) units
- Automated, user-friendly set-up
- IntrLogic II microprocessor control
- EasyView Vacuum fluorescent display
- Gas input HEPA filter
- In-chamber HEPA filter option
- Thermal conductivity or infrared CO<sub>2</sub> control
- CO<sub>2</sub> alarm
- CO<sub>2</sub> auto shut-off
- CO<sub>2</sub> tank switcher option
- CO<sub>2</sub> test port (in center of glass door)
- Water pan
- Passive RH with selectable RH display
- Control panel key switch
- Adjustable temperature alarm
- Water-jacket temperature indicator
- Remote alarm contacts
- Battery back-up for alarm system
- RS 485 data port
- IncuSoft™ data logging software (optional)
- Welded chamber interior
- Reversible doors
- 1.5" (38 mm) porthole (in rear wall)
- Adjustable leveling feet

## Revco Elite II Series Specifications

	Model	Chamber Configuration	Chamber Capacity (Cu. ft./L)	CO <sub>2</sub> Sensor <sup>1</sup>	Voltage /Hz	Amps /Breaker	Interior Dimensions H x D x W Inches (mm)	Exterior Dimensions H x D x W Inches (mm)	Ship Weight (lb./kg)
Elite II Compact Models	RCC3000T-5-A	Single	3.3/93	TC	120/60	6/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	28.7 x 24.8 x 25.6 (729 x 630 x 650)	260/118
	RCC3000D-5-A	Dual (stacked) <sup>3</sup>	3.3/93 (x 2)	TC	120/60	6/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	56.6 x 24.8 x 25.6 (1438 x 630 x 650)	530/240
	RCC3000T-5-V	Single	3.3/93	TC	230/50/60	3/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	28.7 x 24.8 x 25.6 (729 x 630 x 650)	260/118
	RCC3000D-5-V	Dual (stacked) <sup>3</sup>	3.3/93 (x 2)	TC	230/50/60	3/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	56.6 x 24.8 x 25.6 (1438 x 630 x 650)	530/240
	RCC5000T-5-A	Single	3.3/93	IR	120/60	6/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	28.7 x 24.8 x 25.6 (729 x 630 x 650)	260/118
	RCC5000D-5-A	Dual (stacked) <sup>3</sup>	3.3/93 (x 2)	IR	120/60	6/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	56.6 x 24.8 x 25.6 (1438 x 630 x 650)	530/240
	RCC5000T-5-V	Single	3.3/93	IR	230/50/60	3/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	28.7 x 24.8 x 25.6 (729 x 630 x 650)	260/118
	RCC5000D-5-V	Dual (stacked) <sup>3</sup>	3.3/93 (x 2)	IR	230/50/60	3/15	16.1 x 17.9 x 20.0 (409 x 455 x 508)	56.6 x 24.8 x 25.6 (1438 x 630 x 650)	530/240
Elite II Full Size Models	RCO3000T-5-A	Single	5.8/164	TC	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	280/127
	RCO3000D-5-A	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	TC	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	570/259
	RCO3000T-5-V	Single	5.8/164	TC	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	280/127
	RCO3000D-5-V	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	TC	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	570/259
	RCO5000T-5-A	Single	5.8/164	IR	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	280/127
	RCO5000D-5-A	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	IR	120/60	6/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	570/259
	RCO5000T-5-V	Single	5.8/164	IR	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	40.6 x 25.5 x 25.6 (1031 x 648 x 650)	280/127
	RCO5000D-5-V	Dual (stacked) <sup>3</sup>	5.8/164 (x 2)	IR	230/50/60	3/15	28.1 x 17.9 x 20.0 (714 x 455 x 508)	80.5 x 25.5 x 25.6 (2045 x 648 x 650)	570/259

<sup>1</sup> TC = Thermal Conductivity sensor; IR = Infrared sensor. <sup>3</sup> Each unit has an independent power cord and plug. Dual units are shipped in stacked configuration. Interior dimensions for dual (stacked) units are per chamber. All specifications subject to change without notice. All dimensions are approximate.

# Options and Accessories

## Gas Supply Filters and Regulators

Catalog No.

**In-line bacteriological filter, pack (3 per pack)**

**6320**

*2" (51 mm) diameter body. Disposable filter delivers only microbiologically clean gas to the incubator. Improves contamination control and keeps supply lines and solenoids free of debris. 99.97% effective for 0.3 micron particulates. Easy to install.*

**CO<sub>2</sub> gas regulator (two-stage)**

**6317**

**O<sub>2</sub> gas regulator (two-stage)**

**6318**

**N<sub>2</sub> gas regulator (two-stage)**

**6319**

*Two-stage regulators are required to deliver proper gas pressure to the incubator. First stage gauge monitors cylinder pressure. Second stage monitors low pressure output to incubator. Heavy duty forged brass with output needle valve and serrated tubing connection for immediate installation.*



*2-stage gas regulator*

*Two gas regulators are required for the automatic tank switch over systems. For tank switcher (standard option or free-standing), order two to supply necessary gas.*

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