Thermo Scientific Revco® CO_2 Incubators

Ultima II Series
Elite II Series
Ultima II Midi

A Safe, Stable Environment for Culturing Cells

Thermo Scientific Revco® water-jacketed CO_2 incubators are carefully engineered to provide an optimal, stable growing environment for cultures.

Our Revco CO_2 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_2 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_2/ O_2/ N_2.

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_2 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

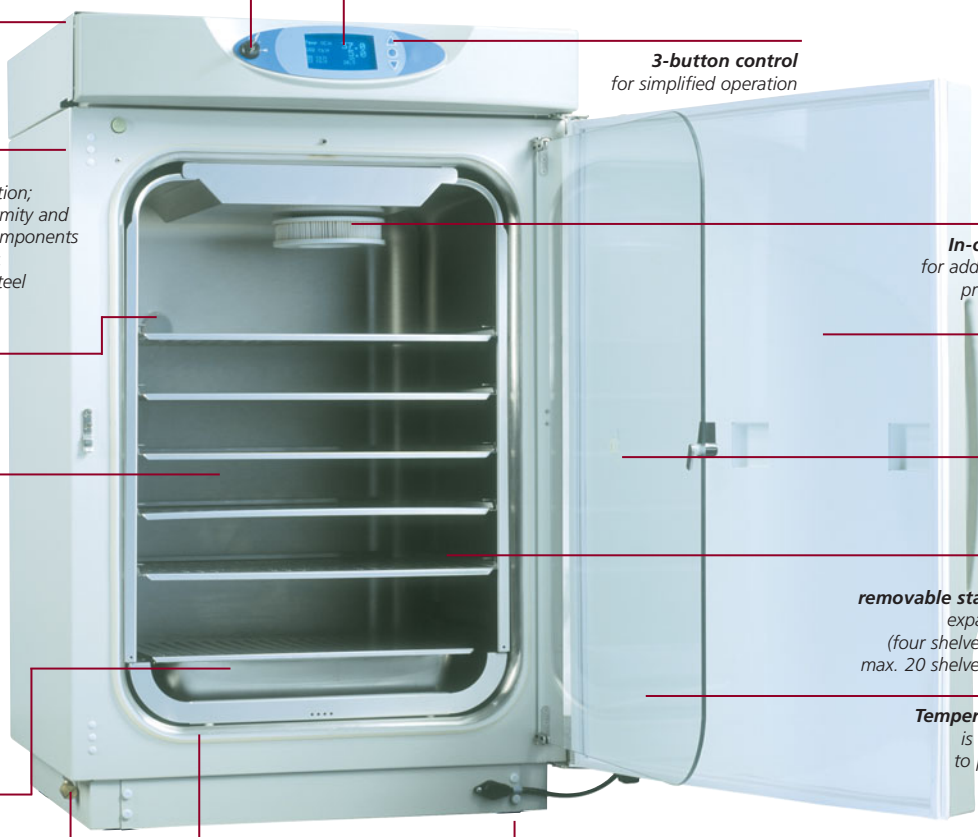
Our Revco 5.8 cu. ft. Ultima II CO_2 incubator (left) and our Revco 3.3 cu. ft. Elite II CO_2 incubator (right). Incubators are available in single and dual chamber (stacked) configurations, with a choice of infrared or thermal conductivity CO_2 control.

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_2 control	✓	✓
Infrared CO_2 control	✓	✓
CO_2 alarm	✓	✓
CO_2 auto shut-off	✓	✓
CO_2 tank switcher	✓	option
CO_2 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_2 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_2 control.



Setpoint security with key
(Ultima II models only)

High visibility vacuum fluorescent display
for at-a-glance monitoring

Reinforced cabinet permits stacking
(stacking kit required, dual stacked models available)

3-button control
for simplified operation

Triple-wall construction
incorporates fiberglass insulation; enhances temperature uniformity and control; walls and plenum components are formed from high quality, corrosion-resistant stainless steel

In-chamber HEPA filter
for additional contamination prevention (optional on Elite II models)

1.5" (38 mm) porthole
with silicone stopper

Reversible outer and inner doors
allow left-to-right or right-to-left opening

Seamless, deep-drawn stainless steel interior
with easy-to-clean cove corners

CO_2 test port
in glass inner door for convenient access

Stainless steel welded interior
has non-porous filled seams to resist hidden contaminants (on Elite II models)

Five perforated, removable stainless steel shelves
expandable to 24 shelves (four shelves with Elite II models, max. 20 shelves with Elite II models)

Tempered glass inner door
is heated by outer door to prevent condensation

Autoclavable water pan

Water jacket drain

Scratch-resistant, high-impact painted finish *for easy cleaning*

Closed-cell silicone inner door gasket
maintains positive seal

Adjustable leveling feet

(model RCO3000T-9-A shown)

Ultima II and Elite II Performance Features

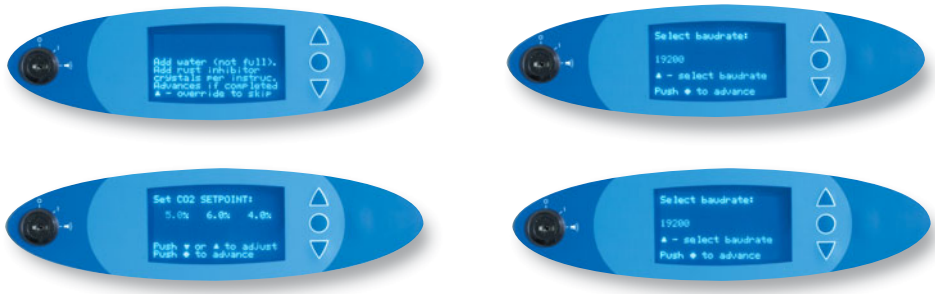
- "Plug & Play" routine for easy, automated start-up
- IntrLogic II control system for safe, efficient operation
- High visibility EasyView display (patent pending)
- Optimum cell culture environment
- Stability, accuracy and repeatability
- Quick response and recovery
- Comprehensive alarm and monitoring

Easy Set-Up, Control and Monitoring

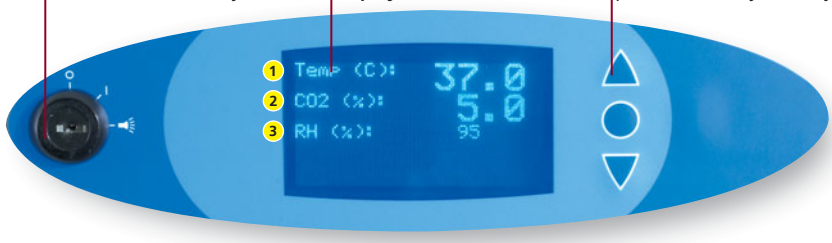
Ultima II and Elite II CO_2 incubators have control functionality that's easy to use.

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 IntrLogic II controller's 3-button touchpad, and after stabilization, your incubator will be ready for work!

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.



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



Setpoint security *with keyed lock (Ultima II models only)*

Bright, easy-to-read vacuum fluorescent display

3-button touchpad mode control *for safe, simple and accurate parameter entry and adjustment*

1 ***Digital temperature display*** *to 0.1°C*

2 ***Digital CO_2 display*** *to 0.1%*

3 ***Digital passive RH display*** *to 1%*

Sophisticated Alarm, Security and Back-Up Systems

All Models

- Audible/visual CO_2 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_2 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_2 tank switcher automatically switches to back-up tank when main CO_2 tank is empty (available as option on Elite II models)

Our 5.8 cu. ft. Ultima II CO_2 incubator (model RCO3000T-9-A)

Our 5.8 cu. ft. Ultima II CO_2 incubator in dual (stacked) configuration (model RCO3000D-9-A).

A Warm, Stable Environment for Quality Cell Life

CO_2 Control: Thermal Conductivity or Infrared?

Our Revco CO_2 incubators are offered with **thermal conductivity** (temperature transmission sensor) or **infrared** (light diffraction sensor) control systems to suit your preference for automatic CO_2 control. The IR sensor is ideal for precise CO_2 control in fluctuating temperature and humidity applications. The thermal conductivity sensor provides accurate CO_2 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_2 against the setpoint. Continuous sampling maintains the highest CO_2 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_2 range 0% to 20%
- CO_2 control sensitivity 0.1%
- CO_2 stability ± 0.1%,
- CO_2 auto shut-off upon door opening
- Touchpad adjusts calibration of CO_2
- CO_2 factory calibrated at 5% and 10%

The CO_2 system requires a gas input pressure of 15 PSIG from a two-stage regulator (see Accessories).

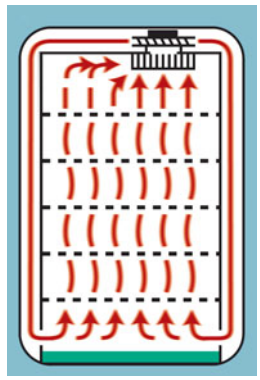
Consistent Temperature Control

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 ± 0.1°C
- Temperature stability ± 0.1°C
- Temperature uniformity ± 0.4°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_2 incubators are equipped with an **autoclavable water pan** to help manage humidity, the primary factor in preventing cell and media desiccation.

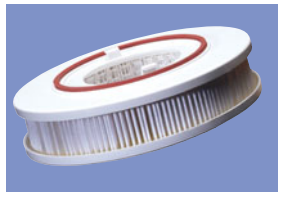
- Passive humidification read-out
- Up to 96% RH with in-chamber humidity pan
- User-selectable RH display with 1% resolution

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_2/ O_2/ N_2) Model

Our **Ultima II 3-gas incubators** provide an O_2 atmosphere of up to 40% for applications requiring hypoxic or hyperoxic conditions. 3-gas incubators are equipped with infrared CO_2 control.

O_2 Control

- O_2 range 1% to 40%
- O_2 display ± 0.1%
- O_2 sensor life tracking

Digital O_2 display to 0.1% on 3-gas Ultima II incubators.

(Performance may vary depending on load and application)

Thermo Scientific Revco Ultima II CO_2 Incubators

Our Revco Ultima II CO_2 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_2 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_2 control
- CO_2 alarm
- CO_2 auto shut-off
- CO_2 tank switcher
- CO_2 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_2 Sensor[1]	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)
Ultima II Full Size Models	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)[3]	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)[3]	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)[3]	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)[3]	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
Ultima II 3-Gas Models	RTG5000T-9-A	Single, 3-gas[2]	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[2] (stacked)[3]	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)[2]	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[2] (stacked)[3]	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

[1] TC = Thermal Conductivity sensor, IR = Infrared sensor. [2] O_2 range 1% to 40%, O_2 sensor life tracking fitted. [3] 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_2 Incubator

With a chamber capacity of our 1.4 cu. ft., the Ultima II Midi is a fully-featured, high-performance CO_2 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_2 incubator with automatic CO_2 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_2 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

Our RMI3000S Series Midi CO_2 incubator features IntrLogic II control, a 3-button touchpad, setpoint security and the EasyView high visibility vacuum fluorescent display.

Enhanced IntrLogic II Control

Our Ultima II Midi incubators use the IntrLogic II microprocessor-based control system with alphanumeric setpoint display of temperature, CO_2, 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_2 functions
- Temperature range 5°C above ambient to 60°C
- Temperature control ± 0.1°C
- Touchpad control of temperature and CO_2

Thermo Scientific Revco Ultima II Midi CO_2 Incubator: Superior Construction

Specifications

Revco Ultima II Midi Incubator

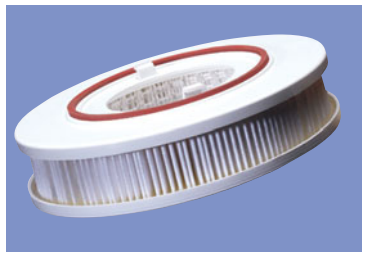
Model	Cabinet Configuration	Chamber Capacity (Cu. ft./L)	CO_2 Sensor[1]	Voltage /Hz	Amps /Breaker	Interior Dimensions H x D x W Inches (mm)	Exterior Dimensions H x D x W Inches (mm)	Ship Weight (lb./kg)
RMI3000S-9A	Benchtop	1.4/39.6	TC	120/60	1.5/15	14.0 x 12.0 x 14.0 (355 x 305 x 355)	18.3 x 18.5 x 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

[1] TC = Thermal Conductivity sensor. All specifications subject to change without notice.

Options and Accessories

Cabinet Options and Hardware

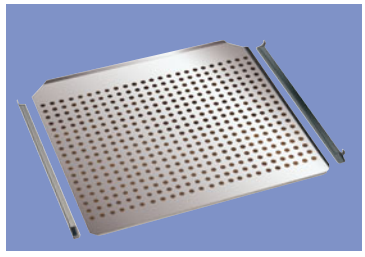
	Catalog No.
Field stacking kit for Ultima II Incubators (120 V units)	**7269-1**
Field stacking kit for Ultima II Incubators (230 V units)	**7269-2**
Kit enables a field stacking retrofit.	
Caster dolly for 3.3 cu. ft. (compact) and 5.8 cu. ft. (full size) models	**6720**
Caster dolly raises exterior height by 5" (127 mm). Permits easy movement with minimal effort.	
In-chamber HEPA filter option for Elite II incubators	**6954**
Factory installed; specify when ordering.	
HEPA filter replacement, pack (4 per pack)	**6951**
Snap-in HEPA filter replacement for all models.	
CO_2 auto switchover system for Elite II incubators (built-in, single chamber, 120 V)	**6325-1**
CO_2 auto switchover system for Elite II incubators (built-in, dual chamber, 230 V)	**6325-2**
CO_2 auto switchover system for Elite II incubators (free-standing, 120 V)	**6281**
CO_2 auto switchover system for Elite II incubators (free-standing, 230 V)	**6281-1**
Automatically switches from primary to standby CO_2 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.	
IncuSoft™ data logging software for Elite II incubators	**7270**
Enables real-time running record. Factory installed; specify when ordering.	
Left hand door swing (per door)	**6554**
Right hand door swing standard; optional left-hand door swing is factory installed, specify when ordering.	
4 – 20 milliamp temperature transmitter (-20°C to 100°C)	**7258**
Factory installed; specify when ordering.	
Water pan	**6322**
Deep drawn, stainless steel, 1.5 gallon capacity.	
Extra shelf	**6305**
20 gauge, with channel brackets. Perforated, polished stainless steel.	



HEPA filter

Tank interchange system

Water pan



Extra shelf

Options and Accessories

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

	Catalog No.
Start-up kit *Includes 0.3 micron in-line gas input filter, funnel, gas tubing, water tubing, "Y" fitting for multiple CO_2 sources or multiple incubator chamber inputs, and water conditioning crystals.*	**7039**
Decontamination kit *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_2 sources or multiple incubator chamber inputs, and water conditioning crystals.*	**6990**
Water conditioning crystals *Typically added to water-jacket when filling to help prevent jacket corrosion.*	**6326**
No-rinse cleaning agent (3.5 L) *Germicide/algicide and deodorizer. Helps to remove contamination from hard-to-reach areas.*	**6314**
Disinfectant cleaning agent spray (12 cans/case) *Convenient cleaning agent for general laboratory applications.*	**6315**
Disinfectant cleaning agent (3.5 L) *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.*	**6316**

Fyrite® Kits and Supplies

	Catalog No.
CO_2/ O_2 gas analyzer kit	**6309**
CO_2 gas analyzer kit	**6310**
O_2 gas analyzer kit	**6311**
CO_2 replacement fluid	**6312**
O_2 replacement fluid	**6313**

Fyrite analyzers provide economical and effective confirmation of gas percentage. Includes storage case and aspirator sampling assembly.

Fyrite gas analyzer kit

Incubator Validation Option

	Catalog No.
Validation package for CO_2 incubators *Contact your Sales Representative for details.*	**6986-15**

Thermo Scientific Revco Elite II CO_2 Incubators

Our fully-equipped Revco Elite II CO_2 incubators provide repeatable and reliable performance for routine culture work.

Our 3.3 cu. ft. Elite II CO_2 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_2 control
- CO_2 alarm
- CO_2 auto shut-off
- CO_2 tank switcher option
- CO_2 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_2 Sensor[1]	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)[3]	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)[3]	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)[3]	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)[3]	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)[3]	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)[3]	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)[3]	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)[3]	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

[1] TC = Thermal Conductivity sensor, IR = Infrared sensor. [3] 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) *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.*	**6320**
CO_2 gas regulator (two-stage)	**6317**
O_2 gas regulator (two-stage)	**6318**
N_2 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.	

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.

2-stage gas regulator

© 2008 Thermo Fisher Scientific Inc. All rights reserved. Fyrite is a trademark of Bacharach Inc. All other trademarks are the property of Thermo Fisher Scientific and its subsidiaries. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.

www.thermo.com/incubators

North America: USA/Canada +1 866 984 3766
Europe: Austria +43 1 801 40 0, Belgium +32 2 482 30 30, France +33 2 2803 2000, Germany national toll free 08001-536 376, Germany international +49 6184 90 6940, Italy +39 02 02 95059 434-254, Netherlands +31 76 571 4440, Nordic countries +358 9 329 100, Russia/CIS +7 (812) 703 42 15, Spain/Portugal +34 93 223 09 18, Switzerland +41 44 454 12 12, UK/Ireland +44 870 609 9203
Asia: China +86 21 6865 4588 or +86 10 8419 3588, India +91 22 6716 2200, Japan +81 45 453 9220, Other Asian countries +852 2885 4613
Countries not listed: +49 6184 90 6940 or +33 2 2803 2000

BRO-LECO2-REV-0608

Thermo
SCIENTIFIC