

# ReVo® Class II Microbiological Safety Cabinets





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# The ReVo difference.

**Comfort.** The ReVo's whisper-quiet operation down to just 43 decibels, plus a sloped sash and integral arm rest give you all-day comfort and focus. Large glass side windows and bright LED lighting keep your work illuminated and your lab feeling spacious.

**Safety.** Personnel and product safety are the forefront with ReVo. Certified to EN 12469, ReVo cabinets offer dual or triple HEPA filtration to keep you safe. Airflow is constantly monitored with dual sensors, and an intuitive ReVo OS display positioned at eye-level keeps you informed. Plus, a unique V-channel airflow barrier ensures your safety at all times.

**Efficiency.** ReVo cabinets save your lab from wasted energy by maintaining safety and sterility when consuming as little as 85 watts. The result - innovation with the lowest possible environmental impact.

Clean. Safe. Smart. ReVo checks every box.



# ReVo® Class II Microbiological Safety Cabinets

## Features & Benefits



### Safety

- Personnel, Product, and Environmental Safety
- EN 12469 Certified by TÜV Nord
- Laminar ISO 5/Grade A or better air
- Cytotoxic 3-filter models available (DIN 12980)
- Dual exhaust HEPA available



### Comfort

- Quiet operation down to 43 decibels
- Spacious interior with 610 mm depth and 702 mm height
- Electronic sash raises up/down with simple button press
- Ergonomic armrest keeps V-channel airflow barrier free of obstruction
- Bright LED lighting (>2000 lux) with dimming control

# ReVo® Class II Microbiological Safety Cabinets

## Features & Benefits



### Maximum Sample Protection.

- Laminar ISO Class 5 airflow sweeps contaminants and biohazards from work area
- Unitized construction eliminates crevices and features coved corners for easy cleaning throughout
- Full 304 stainless steel interior resists corrosion and offers superior disinfection vs. painted interiors
- UV disinfection lamp (optional) provides secondary surface disinfection with 254 nm UV lamp



### Complete Application Flexibility.

- Automation compatible work surface supports loads up to 100 kg
- Easy access to work area through 200 mm sash opening
- Field-convertible for double HEPA exhaust filtration or external ventilation

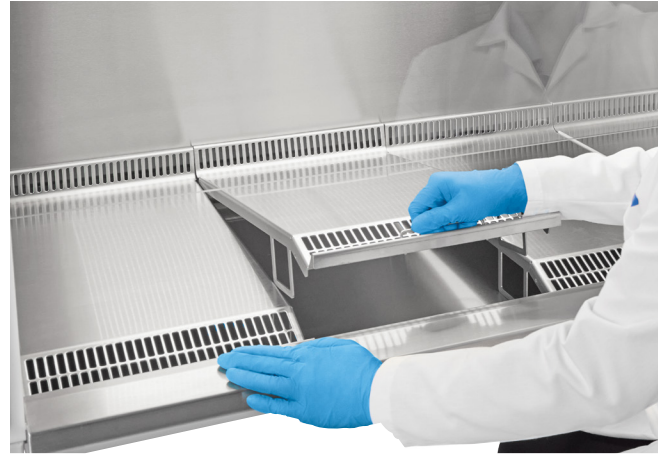


# ReVo® Class II Microbiological Safety Cabinets

## Features & Benefits



**Intelligent Controls** The advanced ReVo OS is intuitive and informative. Clear operation plus alert & alarm notifications keep users safe at all times.



**Multi-Piece Work Surface** The ReVo's contamination-reducing work surface segments are easy to disinfect. Each 300 mm section is removable and interchangeable with a series of alternate work surfaces.



**Flexible Design** ReVo cabinets may be externally vented for applications involving chemical vapors or other hazards.



**Full Side Windows** ReVo cabinets provide the highest level of visibility, ensuring technician comfort while maintaining an open lab environment.

# ReVo® Class II Microbiological Safety Cabinets

## Features & Benefits



### Class II Airflow

Provides Personnel, Product, and Environmental protection from hazardous pathogens and particles.

### Type A2

- 70% Recirculated  
30% Exhausted
- Recirculated or Canopy  
Ducted

### EN12469 Compliant

TÜV Nord approved for optimal protection of users and their samples.

### Ergonomic design

Integral arm rest, angled sash, and optional adjustable stands deliver comfort for all users.

### HEPA Supply and Exhaust

filters are minimum 99.995% efficient, providing ISO 5 and Grade A or better air. Dual HEPA exhaust available.

### Flow Monitoring Technology

continuously measures inflow and downflow air to keep users and their samples safe.

### Automated Sash

Easily raise and lower the front window with the press of a button. High visibility side windows brighten work.

### Unitized construction

Full 304 stainless steel interior with no painted surfaces resists corrosion.

### Multi-piece work surface

Each section is ergonomically designed for quick removal and easy disinfection.

### Easily Cleanable

Coved stainless steel interior withstands routine disinfection. Corners are wipeable and designed for critical operations.

## ReVo Information Center



### Information Center

Clearly displays all cabinet information including status updates in a clear, simple interface.

### UV Configurable

Combined with an optional UV kit, controls UV disinfection with user programmable timer.

### Sash Control

Quickly raise or lower the ReVo sash with the press of a button.

### Alerts & Alarms

Visual and audible signals notify users of unsafe cabinet conditions at all times.

### Night-Smart™

Intelligently reduces blower speed between uses, saving energy while maintaining a sterile environment.

### LED & UV Control

Illuminate or disinfect the cabinet work area automatically for user convenience.

# ReVo® Class II Microbiological Safety Cabinets

## Ordering Information

### Catalog Number Configurator:

Use this key to configure the nine digit catalog number to order your ReVo Class II, Type A2 Microbiological Safety Cabinet.

3 R 2   1 0      

Select the **WIDTH** of your cabinet. This is the fourth digit of your catalog number.

**3** = 900 mm      **4** = 1200 mm

**5** = 1500 mm    **6** = 1800 mm

Select the **3-HEIGHT BASE STAND** option. This is the seventh digit of your catalog number.

**0** = None

**1** = 3-height base stand included with the cabinet  
(750-800, 725-875, or 900-950 mm working height)

Select the **ELECTRICAL CONFIGURATION** and **PLUG TYPE**. These are the eighth and ninth digits of your catalog number.

**31** = 230V, with Schuko plug

**51** = 230V, with Great Britain (UK) plug

Contact Labconco for Cytotoxic, Double HEPA exhaust and TUV models

### Plug Configurations



230V  
Schuko



230V  
Great Britain (UK)

Technical Specifications - ReVo				
Nominal Width	Watts	Decibels* (dB(A))	Exhaust Volume (m³/h)	Product Weight (kg)**
900 mm	85	43	292	225
1200 mm	150	45	389	250
1500 mm	195	49	486	275
1800 mm	240	52	583	318

Technical Specifications - ReVo Pro				
Nominal Width	Watts	Decibels* (dB(A))	Exhaust Volume (m³/h)	Product Weight (kg)**
900 mm	150	46	292	275
1200 mm	265	48	389	308
1500 mm	345	50	486	324
1800 mm	425	53	583	350

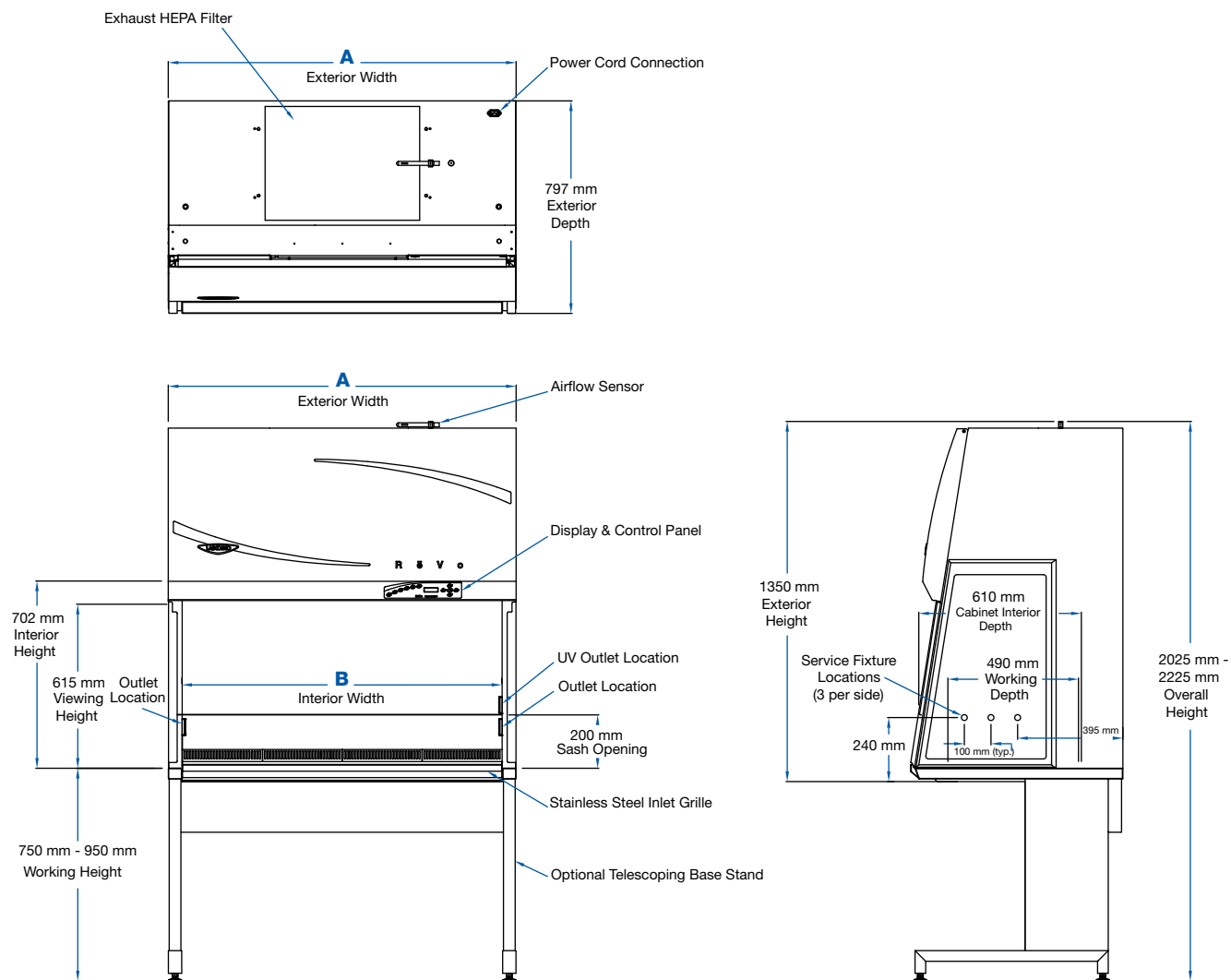
\*During normal operating conditions

\*\*Includes 3-height base stand



# ReVo® Class II Microbiological Safety Cabinets

## Dimensions



Model	Overall Width (A)	Interior Width (B)
900 mm	1004 mm	900 mm
1200 mm	1304 mm	1200 mm
1500 mm	1609 mm	1505 mm
1800 mm	1914 mm	1810 mm

# ReVo® Class II Microbiological Safety Cabinets

## Specifications

### All models feature:

- Class II Type A2 airflow provides Personnel, Product, and Environmental protection
- Ultra-efficient electronically commutated (EC) fans operate as low as 85 watts (900 mm model)
- Quiet operation of just 43 decibels (900 mm model)
- Dual airflow monitoring system constantly maintains safety
- Intrinsically-safe negative pressure design
- Dual H14 HEPA filters (99.995%) for supply and exhaust
- Intuitive ReVo LCD Operating System with touchpad interface:
  - Smart-Start™ System user-programmable start up and shut down operations
  - Night-Smart™ System for idling the blower when the sash is fully closed
  - Alerts and alarms notify users of cabinet and lab issues
  - UV light timer (on models with UV)
  - Digital clock
- Electronic sash with ergonomic 10° slope. Constructed of 6 mm laminated safety glass with anti-racking mechanism
- 200 mm sash working height (maximum 700 mm opening for equipment loading & cleaning)
- Ergonomic stainless steel armrest situated at sash opening for maximum comfort
- V-channel airflow barrier at access opening to enhance containment
- Multi-piece work surface with easy-lift removal system. 304 stainless steel construction
- Large side windows provide maximum visibility in cabinet interior and surrounding areas. Includes 3 pre-cut service fixture positions per side
- Full 304 stainless steel interior construction allows superior disinfection without corrosion. Epoxy powder-coated steel exterior
- Towel catch located under work surface protects filters and fans from damage
- Bright LED lighting of up to >2000 lux (>1000 lux, 0.9 m models) illuminates work area for optimal comfort. Adjustable brightness adapts to any requirement. Located out of contaminated work area
- Two electrical outlets, one per side
- Dedicated UV light outlet for accessory UV light (TÜV approved)
- Nominal inflow velocity of 0.45 m/s
- Nominal downflow velocity of 0.28 m/s

- 70% air recirculated
- 30% air exhausted
- 3 m power cord with plug
- Five year warranty

### Models conform to the following standards:

- EN 12469 Compliant (all models)
- EN 12469 Certified by TÜV Nord (T models, 1200/1800 mm)
- ISO 5 (Grade A) per ISO 14464-1 & 2
- DIN 12980 (ReVo Pro models)
- CE Mark

### Options include:

- Base Stands
- Fixed-Height Base Stand (TUV approved), powder coated steel construction with leveling feet
- 3-Height Base Stand, powder coated steel construction with leveling feet
- Electric Hydraulic Base Stand, powder coated steel construction with leveling feet
- 2-Filter (ReVo) and 3-Filter Cytotoxic (ReVo Pro) models
- Double HEPA Exhaust Filter
- Canopy Connections for exhausting cabinet

### All models require (not included):

- 230V 50 Hz outlet, minimum 10A fused circuit. Dedicated circuit recommended
- Supporting base if stand option is not selected

### Optional accessories:

- Canopy Connections for exhausting cabinet
- Service Fixture Kits
- UV Light Kit
- IV Bar Kits
- Caster Kit

\* Labconco exclusive feature.

# ReVo® Class II Microbiological Safety Cabinets

## Accessories



**R3858500—Ultraviolet Lamp Kit.** Magnetically attaches to rear wall of ReVo and ReVo Pro cabinets for secondary cabinet disinfection. Includes 254 nm UV lamp with power cord. **Installation required.**



**Canopy Exhaust Connection Kits.** Allow direct exhausting of ReVo and ReVo Pro cabinets to the outside when certain hazards such as chemical vapors are used. Collar is ø 200 mm. Contact Labconco for exhaust volume information. **Installation required.**

Catalog Number	For Use With	Shipping Weight
<b>Top Exhaust</b>		
<b>R3889200</b>	900/1200 mm ReVo/ReVo Pro	6 kg
<b>R3889202</b>	1500/1800 mm ReVo/ReVo Pro	6 kg
<b>Side Exhaust</b>		
<b>R3889210</b>	900/1200 mm ReVo/ReVo Pro	5 kg
<b>R3889212</b>	1500/1800 mm ReVo/ReVo Pro	5 kg



**R3747500—Vacuum Service Fixture Kit.** Includes serrated hose tip valve, four-arm handle, and hardware for mounting. Up to three valves may be added to each side of a cabinet. **Installation required.**

**IV Bar Kits.** Allow for hanging of IV bags and other materials. Include IV bar and mounting hardware. **Installation required.**

Catalog Number	For Use With	Shipping Weight
<b>R3858600</b>	900 mm ReVo/ReVo Pro	2 kg
<b>R3858601</b>	1200 mm ReVo/ReVo Pro	2 kg
<b>R3858602</b>	1500 mm ReVo/ReVo Pro	3 kg
<b>R3858603</b>	1800 mm ReVo/ReVo Pro	3 kg

**Electric Hydraulic Stands.** Include IV bar and mounting hardware. **Installation required.**

Catalog Number	For Use With	Shipping Weight
<b>R3780103</b>	900 mm ReVo	75 kg
<b>R3780104</b>	1200 mm ReVo	84 kg
<b>R3780105</b>	1500 mm ReVo	95 kg
<b>R3780106</b>	1800 mm ReVo	105 kg

**R3730500—Caster Kit.** For use with 3-Height, TUV, and Electric Hydraulic Base Stands. Includes four non-marking caster wheels. **Installation required.**

**Visit [labconco.com](https://labconco.com) to request information  
for all Labconco products.**

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