

NEW

CELL *Logic*



CELL
Logic

PURIFIER® CLASS II BIOSAFETY CABINETS



Protecting your
laboratory environment

LABCONCO

PURIFIER® CELL LOGIC® BIOSAFETY CABINETS

FEATURES & BENEFITS

Fully-closing, counterbalanced tempered safety glass sash

Bright, glare-free fluorescent lighting

Contain-Air™ Negative Pressure Channel†

Electrical duplex receptacle with splash cover

Innovative LCD information center display and filter monitoring system

Large 27" sash viewing height

Easy-to-clean touchpad controls

Hermetically-sealed Type 304 stainless steel liner

Reserve-Air™ Secondary Airflow Slots†

Type 304 stainless steel dished work surface with lift out knobs

Temp-Zone™

Stand-Still™ Isolation Platform

Ergonomic curved stainless steel inlet grille

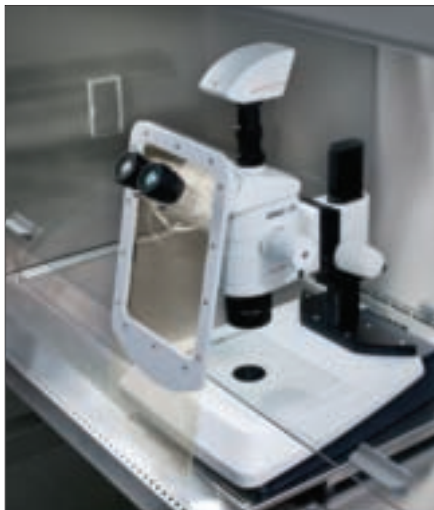
Pure-Vu™ Seal with aerodynamic teardrop collar



Exclusive Labconco feature

†U.S. Patent No. 6,368,206

*Patent pending



The accessory Pure-Vu™ XL Seal and Stand-Still™ XL Isolation Platform accommodate forward-mounted microscopes such as stereo scopes.



Temp-Zone™ package option includes the temperature controlled area of the work surface (shown above) and the Easy-Clean™ Prop Rods (shown at right).



PURIFIER® CELL LOGIC® BIOSAFETY CABINETS

FEATURES & BENEFITS

Scope-Ready™ package option. Models are available that allow a customer-supplied microscope to be integrated into the cabinet. On these models, two features work in concert to assure containment and reduced vibration:

The Pure-Vu™ Seal includes a 7.0" wide x 10.5" high (18 x 27 cm) sash cutout that accommodates most microscopes' eyepieces. The flexible, chemical-resistant clear eyepiece seal prevents contaminants from escaping while providing ergonomic visibility into the cabinet. The membrane attaches securely to an aerodynamic, epoxy-coated steel collar. Modified ASHRAE 110 and NSF 49 testing confirms that this unique teardrop collar design keeps contaminants contained. An accessory Pure-Vu™ XL Seal is available to accommodate forward-mounted microscopes.

The Stand-Still™ Isolation Platform supports the microscope on the cabinet's work surface and reduces vibration by 300%. Modified ASHRAE 110 and NSF 49 testing confirms this unique elevated, aerodynamic base maintains safe airflow. Constructed of seamless Type 304 stainless steel, the non-porous platform is easy to clean and autoclavable. The spacious 12.0" wide x 18.75" deep platform fits most microscopes. An accessory Stand-Still™ XL Isolation Platform is available with larger dimensions to accommodate forward-mounted microscopes.

Temp-Zone™ package option. Models are available that include a temperature controlled area on the work surface, 10.5" wide x 12.0" deep (7.0" wide x 12.0" deep on 3' models). Warmed or chilled samples may be transferred to the Temp-Zone and kept at optimum temperature. Quick connection fittings on the left side of the cabinet attach to a user-supplied circulator that continually delivers chilled or heated liquid to the Temp-Zone area. Uniform temperature distribution is maintained on the surface. Easy-Clean™ Prop Rods allow for hands-free elevation of the work surface for ease of cleaning and access to the channels and drain.

Patented* filter monitoring system uses an electronically commutated motor (ECM) to precisely control airflow without the need for airflow sensors. The motor is programmed to consistently deliver the precise volume of air required, even as filters load.

Electronically Commutated Motor (ECM) has many benefits:

- **Energy efficiency.** The ECM consumes up to 60% less energy than conventional motors.
- **Comfortable working temperature.** The ECM generates less heat than conventional motors for cooler working conditions.
- **Quiet.** The ECM operates as much as 50% quieter than conventional motors.
- **Reliable.** Resilient-mounted ball bearings and sturdy motor mount mean less vibration and longer, more reliable motor operation than conventional motors.
- **More power for longer lasting filters.** The motor has up to 40% more torque than conventional motors, overcoming greater resistance from HEPA filter loading so filters last longer.

Innovative information center display offers these advantages:

- **Line-of-sight** information center is mounted inside the cabinet for constant monitoring and easy readability while working in the cabinet. Constructed of UV-opaque safety glass and stainless steel, it is easy to decontaminate.
- **Status line gives descriptive feedback** on the system's conditions such as "Sash too high."
- **Unique "Filter Remaining" bar graph.** A continuous display of the remaining HEPA filter life allows the user to accurately and confidently plan for future filter replacement.

- **Unique airflow alert warns of airflow changes**, which could indicate an obstruction. The Information Center status line displays "Airflow Alert" and an audible alarm sounds. Once airflow becomes stable, the display reverts to normal operation.

- **Event timer** may be set to count down (interval) or up (elapsed).

Ergonomic curved stainless steel inlet grille† gently supports the user's forearms without the need for uncomfortable, hard-to-clean armrests.

Reserve-Air™ Secondary Airflow Slots† draw air into the cabinet should portions of the inlet grille become blocked.

Two electrical duplex receptacles, (single outlets on 230 volt models) are located one on each side, with ground fault interruption (on 115 volt models) and splash covers.

Intrinsically-safe negative pressure design. All contaminated ducts are under or surrounded by negative pressure. The negative pressure plenums capture any contamination, and force the air through the HEPA filter, preventing its escape into the laboratory.

Angled, tempered safety glass sash with counterbalanced, anti-racking mechanism is sloped at 10° for closer, more comfortable viewing than vertical sashes offer. It may be fully closed when the cabinet is not in use.

Large 21.7" (54 cm) sash opening height and 27.0" (69 cm) viewing height offer greater viewing area and easy access for loading and cleaning.

Unobstructed work area includes a hermetically-sealed Type 304 stainless steel liner and removable stamped, one-piece dished work surface with lift knobs.

Contain-Air™ Negative Pressure Channel† draws air in, preventing loss of containment at the top of the sash.

Low profile. Front panel is free of protrusions that could interfere with visibility or obstruct taller users.

Bright, glare-free fluorescent lighting with timer provides 90-100 footcandles at the work surface, exceeding NSF requirements.

Easy-to-clean touchpad controls allow manual activation of blower, timer, audible alarm mute and menu selection.

99.99% efficient supply and exhaust HEPA filters are industry standard sizes and front accessible for economical and easy replacement. Contact Labconco about optional 99.999% efficient ULPA filters or Type B2 Bag-in/Bag-out HEPA filter system.

Full three year warranty.

Service fixture has a ball-type valve that provides smooth operation at pressures up to 100 psi. It is mounted 8.5" (20 cm) above the work surface to maximize usable surface area. Additional service fixtures may also be ordered separately for on-site installation.

Available in Class II, Type A2 and B2 configurations. Designed and built to NSF 49 standards, these cabinets are available with Class II, Type A2 airflow or Class II, Type B2 airflow.

Accessory Base Stands. Purifier Logic Safety Cabinets are benchtop design for use on existing casework or Labconco Telescoping, Unassembled, Hydraulic Lift or Solo™ Base Stands.

 Exclusive Labconco feature * Patent pending † U.S. Patent No. 6,368,206

 Complies with Americans with Disabilities Act Standard for height of controls and receptacles

PURIFIER® CELL LOGIC® CLASS II, TYPE A2 BIOSAFETY CABINETS

SPECIFICATIONS

Options

- ☒ Scope-Ready™ package that includes Stand-Still™ Isolation Platform and Pure-Vu™ Seal (Blank clear membrane, 1/2" (12.7 mm) diameter hole punch and template supplied. Accessory membranes with eyepiece cutouts are sold separately.)
- ☒ Temp-Zone™ package with temperature-controlled area on work surface and Easy-Clean™ prop rods. **Circulator is required (not included).** Circulator requirements: minimum flow rate of 0.4-0.5 GPM (1.5-1.9 LPM), typical volume of 6 liters, and temperature of 0-50°+ C (chiller/heater)
- 254 nm UV lamp (available on models without Scope-Ready™ package only)

Standard Features

- Nominal inflow velocity of 105 feet per minute (fpm) (0.5 m/sec)
- Nominal downflow velocity of 55 fpm (0.3 m/sec)
- Approximately 70% air recirculation
- ☒ Patent-pending design
- ☒ Interior-mounted, line-of-sight LCD information center with "Filter Life Remaining" bar graph, status line for alarm conditions and alerts to warn when filter life diminishes to 20%, 10% and 0%
- ☒ Filter monitoring system consisting of an electronically commutated motor (ECM) that delivers a precise volume of air as required and automatically adjusts as filters load without relying on airflow sensors
- Built-in interval or elapsed timer for experiment monitoring, fluorescent light or UV light control (on models with UV light)
- ☒ Touchpad control on right-hand side post for manual activation of blower, light, timer, audible alarm mute and menu selection
- Radiused type 304 stainless steel interior and removable, seamless, dished work surface with lift out knobs
- Service fixture (two on 6' models) with ball-type valve
- Epoxy-coated steel exterior
- Towel catch located under work surface
- ☒ Contain-Air™ Negative Pressure Channel*
 - Class 5 conditions per ISO 14644-1 and 2 (formerly Class 100)
 - Supply and exhaust 99.99% efficient HEPA filters. Contact Labconco for optional 99.999% efficient ULPA filters.
 - Two electrical duplex receptacles, (single outlets on 230 volt models), located one on each side, with ground fault interruption (115 volt models) and stainless steel splash covers
 - Fully-closing, clear 1/4" tempered safety glass sash with two sash handles; counterbalanced, anti-racking mechanism; and 10° slope



The Purifier Cell Logic Class II, Type A2 Biosafety Cabinet 3450930 is shown on Hydraulic Lift Base Stand 3780106 with Caster Kit 3784000 and Support Shelf 4028600. Microscope and Circulator are not included.



- ☒ 9.0" (23 cm) working sash opening height, 21.7" (54 cm) maximum sash opening height and 27.0" (69 cm) viewing height
- ☒ Curved stainless steel inlet grille with Reserve-Air™ Secondary Airflow Slots*
 - Bright, 90-100 footcandle, glare-free fluorescent lighting located outside the contaminated work area
 - Intrinsically safe negative pressure design
- ☒ Smart-Start™ System that allows the user to program start up and shut down operations when the sash is raised or lowered
- Night-Smart™ System that idles the blower when the sash is fully closed
- Electronic security lock (optional activation) that requires code to operate the cabinet
- 10' (3 m) power cord with plug
- Full three year warranty
- ETL listed; NSF 49 compliant; modified ASHRAE 110 compliant
- CE conformity marking (230 volt models)

Required Accessory

- Supporting base. See back cover.

PURIFIER® CELL LOGIC® CLASS II, TYPE A2 BIOSAFETY CABINETS

CATALOG NUMBER CONFIGURATION GUIDE

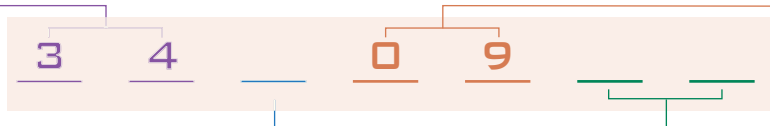
Use this key to configure the **seven digit catalog number** to order your Cell Logic. For example, a **3430930** is a Cell Logic, Type A2 Biosafety Cabinet in 3' nominal width, with 115 volt,

60 Hz electrical requirements, fluorescent lighting, and Scope-Ready™ and Temp-Zone™ Packages.

Configure Your Catalog Number

The first two digits of Cell Logic Biosafety Cabinets are **"34"**

The fourth and fifth digits of Class II, Type A2 Cell Logic Biosafety Cabinets are **"09"**



Step 1. Select the **Nominal Width** of your biosafety cabinet.

This number is the third digit of your catalog number.

3 = 3' (Actual width = 42.3"/107.4 cm) **4** = 4' (Actual width = 54.3"/137.9 cm)

5 = 5' (Actual width = 66.3"/168.4 cm) **6** = 6' (Actual width = 78.3"/198.9 cm)

Step 2. Select the **Electrical Requirements, Receptacle & Plug Type** and **Lighting** configuration for your cabinet

and then the **Scope-Ready™** and/or **Temp-Zone™** options

you desire. *This number comprises the sixth and seventh digits of your catalog number.*

Electrical Requirements	Receptacle & Plug Type	Lighting	Scope-Ready™ & Temp-Zone™	Scope-Ready™ Only	Temp-Zone™ Only
115 volts, 60 Hz	North America, 115 volts	Fluorescent	30	60	80
115 volts, 60 Hz	North America, 115 volts	Fluorescent & UV	—	—	81
100 volts, 50/60 Hz*	International, 100 volts*	Fluorescent	32	62	82
100 volts, 50/60 Hz*	International, 100 volts*	Fluorescent & UV	—	—	83
230 volts, 50/60 Hz*	British (UK)*	Fluorescent	34	64	84
230 volts, 50/60 Hz*	British (UK)*	Fluorescent & UV	—	—	85
230 volts, 50/60 Hz*	Schuko*	Fluorescent	36	66	86
230 volts, 50/60 Hz*	Schuko*	Fluorescent & UV	—	—	87
230 volts, 50/60 Hz*	China/Australia*	Fluorescent	38	68	88
230 volts, 50/60 Hz*	China/Australia*	Fluorescent & UV	—	—	89
230 volts, 50/60 Hz	North America, 230 volts	Fluorescent	40	70	90
230 volts, 50/60 Hz	North America, 230 volts	Fluorescent & UV	—	—	91
230 volts, 50/60 Hz**†	Schuko**†	Fluorescent	42	72	92
230 volts, 50/60 Hz**†	Schuko**†	Fluorescent & UV	—	—	93

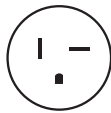
Electrical Receptacle & Plug Configurations

**100 volts, 15 amps
115 volts, 15 amps**



Receptacle for all Models and Plug for 3' and 4' Models with Catalog Numbers ending in 30, 32, 60, 62, 80, 81, 82 & 83

**100 volts, 20 amps
115 volts, 20 amps**



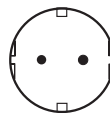
Plug for 5' and 6' Models with Catalog Numbers ending in 30, 32, 60, 62, 80, 81, 82 & 83

British (UK)



For Catalog Numbers ending in 34, 64, 84 & 85

Schuko



For Catalog Numbers ending in 36, 42, 66, 72, 86, 87, 92 & 93

China/Australia



For Catalog Numbers ending in 38, 68, 88 & 89

North America, 230 volts



For Catalog Numbers ending in 40, 70, 90 & 91

Type A2 Technical Data

Nominal Width	3'	4'	5'	6'
Exhaust Volume	228-251 CFM	304-333 CFM	378-416 CFM	453-498 CFM
Shipping Weight	485 lbs. (220 kg)	585 lbs. (265 kg)	715 lbs. (324 kg)	805 lbs. (365 kg)
Electrical Configuration	Amperage			
North America - 115 volts, 60 Hz	12	12	16	16
International - 230 volts, 50/60 Hz	6	6	8	8
British (UK) - 230 volts, 50/60 Hz	6	6	8	8
Schuko - 230 volts, 50/60 Hz	6	6	8	8
China/Australia - 230 volts, 50/60 Hz	6	6	8	8
North America - 230 volts, 50/60 Hz	6	6	8	8

*International electrical configuration

†EN 12469 Compliant. Includes airflow sensor, laminated glass sash and service fixture with solenoid valve. Available in 4' models only.

PURIFIER® CELL LOGIC® CLASS II, TYPE B2 BIOSAFETY CABINETS

SPECIFICATIONS

Options

- Scope-Ready™ package that includes Stand-Still™ Isolation Platform and Pure-Vu™ Seal (Blank clear membrane, 1/2" (12.7 mm) diameter hole punch and template supplied. Accessory membranes with eyepiece cutouts are sold separately.)
- Temp-Zone™ package with temperature-controlled area on work surface and Easy-Clean™ prop rods. **Circulator is required (not included).** Circulator requirements: minimum flow rate of 0.4-0.5 GPM (1.5-1.9 LPM), typical volume of 6 liters, and temperature of 0-50°+ C (chiller/heater)
- 254 nm UV lamp (available on models without Scope-Ready™ package only)

Standard Features

- Nominal inflow velocity of 105 fpm (0.5 m/sec)
- Nominal downflow velocity of 55 fpm (0.3 m/sec)
- 0% air recirculation
- Patent-pending design
- Interior-mounted, line-of-sight LCD information center with "Filter Life Remaining" bar graph, status line for alarm conditions and alerts to warn when filter life diminishes to 20%, 10% and 0%
- Filter monitoring system consisting of an electronically commutated motor (ECM) that delivers a precise volume of air as required and automatically adjusts as filters load without relying on airflow sensors
- Built-in interval or elapsed timer for experiment monitoring, fluorescent light or UV light control (on models with UV light)
- Touchpad control on right-hand side post for manual activation of blower, light, timer, audible alarm mute and menu selection
- Radiused type 304 stainless steel interior and removable, seamless, dished work surface with lift out knobs
- Service fixture (6' models have two) with ball-type valve
- Epoxy-coated steel exterior
- Towel catch located under work surface
- Contain-Air™ Negative Pressure Channel*
 - Class 5 conditions per ISO 14644-1 and 2 (formerly Class 100)
 - Supply and exhaust 99.99% efficient HEPA filters. Contact Labconco for optional 99.999% efficient ULPA filters.
 - Two electrical duplex receptacles, (single outlets on 230 volt models), located one on each side, with ground fault interruption (115 volt models) and stainless steel splash covers
 - Fully-closing, clear 1/4" tempered safety glass sash with two sash handles; counterbalanced, anti-racking mechanism; and 10° slope
- 8.0" (20 cm) working sash opening height, 21.7" (54 cm) maximum sash opening height and 27.0" (69 cm) viewing height



The Purifier Cell Logic Class II, Type B2 Biosafety Cabinet 3461060 is shown on Hydraulic Lift Base Stand 3780102. Microscope is not included. Ductwork and remote blower are required (not included).



- Curved stainless steel inlet grille with Reserve-Air™ Secondary Airflow Slots*
 - Bright, 90-100 footcandle, glare-free fluorescent lighting located outside the contaminated work area
 - Intrinsically safe negative pressure design
- Smart-Start™ System that allows the user to program start up and shut down operations when the sash is raised or lowered
 - Automatic shut-down should remote blower fail (remote blower not included)
 - Electronic security lock (optional activation) that requires code to operate the cabinet
 - 10" diameter exhaust outlet with air-tight damper
 - 10' (3 m) power cord with plug
 - Full three year warranty
 - ETL listed; NSF 49 compliant; modified ASHRAE 110 compliant
 - CE conformity marking (230 volt models)

Required Accessories

- Dedicated remote blower and ductwork. See page 11.
- Supporting base. See back cover.

PURIFIER® CELL LOGIC® CLASS II, TYPE B2 BIOSAFETY CABINETS

CATALOG NUMBER CONFIGURATION GUIDE

Use this key to configure the **seven digit catalog number** to order your Cell Logic. For example, a **3441030** is a Cell Logic, Type B2 Biosafety Cabinet in 4' nominal width, with 115 volt,

60 Hz electrical requirements, fluorescent lighting, and Scope-Ready™ and Temp-Zone™ Packages.

Configure Your Catalog Number

The first two digits of Cell Logic Biosafety Cabinets are **"34"**

The fourth and fifth digits of Class II, Type B2 Cell Logic Biosafety Cabinets are **"10"**



Step 1. Select the **Nominal Width** of your biosafety cabinet. This number is the third digit of your catalog number.

4 = 4' (Actual width = 54.3"/137.9 cm)

6 = 6' (Actual width = 78.3"/198.9 cm)

Step 2. Select the **Electrical Requirements, Receptacle & Plug Type** and **Lighting** configuration for your cabinet and then the **Scope-Ready™** and/or **Temp-Zone™** options you desire. This number comprises the sixth and seventh digits of your catalog number.

Electrical Requirements	Receptacle & Plug Type	Lighting	Scope-Ready™ & Temp-Zone™	Scope-Ready™ Only	Temp-Zone™ Only
115 volts, 60 Hz	North America, 115 volts	Fluorescent	30	60	80
115 volts, 60 Hz	North America, 115 volts	Fluorescent & UV	—	—	81
100 volts, 50/60 Hz*	International, 100 volts*	Fluorescent	32	62	82
100 volts, 50/60 Hz*	International, 100 volts*	Fluorescent & UV	—	—	83
230 volts, 50/60 Hz*	British (UK)*	Fluorescent	34	64	84
230 volts, 50/60 Hz*	British (UK)*	Fluorescent & UV	—	—	85
230 volts, 50/60 Hz*	Schuko*	Fluorescent	36	66	86
230 volts, 50/60 Hz*	Schuko*	Fluorescent & UV	—	—	87
230 volts, 50/60 Hz*	China/Australia*	Fluorescent	38	68	88
230 volts, 50/60 Hz*	China/Australia*	Fluorescent & UV	—	—	89
230 volts, 50/60 Hz	North America, 230 volts	Fluorescent	40	70	90
230 volts, 50/60 Hz	North America, 230 volts	Fluorescent & UV	—	—	91

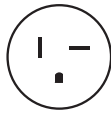
Electrical Receptacle & Plug Configurations

100 volts, 15 amps
115 volts, 15 amps



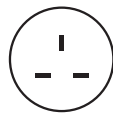
Receptacle for all Models and Plug for 4' Models with Catalog Numbers ending in 30, 32, 60, 62, 80, 81, 82 & 83

100 volts, 20 amps
115 volts, 20 amps



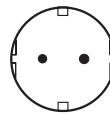
Plug for 6' Models with Catalog Numbers ending in 30, 32, 60, 62, 80, 81, 82 & 83

British (UK)



For Catalog Numbers ending in 34, 64, 84 & 85

Schuko



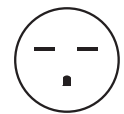
For Catalog Numbers ending in 36, 42, 66, 72, 86, 87, 92 & 93

China/Australia



For Catalog Numbers ending in 38, 68, 88 & 89

North America, 230 volts



For Catalog Numbers ending in 40, 70, 90 & 91

Type B2 Technical Data

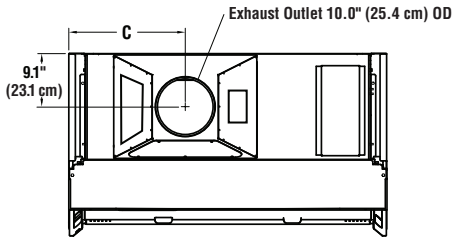
Nominal Width	4'	6'
Exhaust Volume	743-771 CFM	1111-1151 CFM
Shipping Weight	736 lbs. (334 kg)	875 lbs. (397 kg)
Electrical Configuration	Amperage	
North America - 115 volts, 60 Hz	12	12
International - 230 volts, 50/60 Hz	6	8
British (UK) - 230 volts, 50/60 Hz	6	8
Schuko - 230 volts, 50/60 Hz	6	8
China/Australia - 230 volts, 50/60 Hz	6	8
North America - 230 volts, 50/60 Hz	6	8

*International electrical configuration

PURIFIER® CELL LOGIC® BIOSAFETY CABINETS

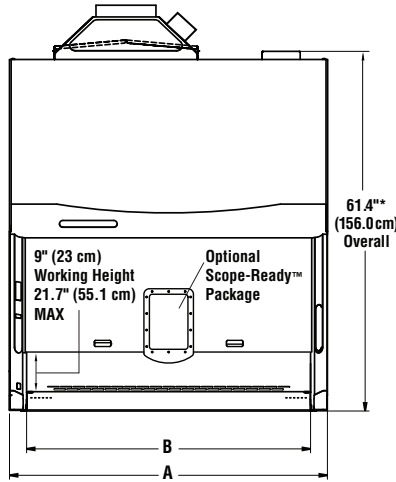
D I M E N S I O N A L D A T A

Class II, Type A2

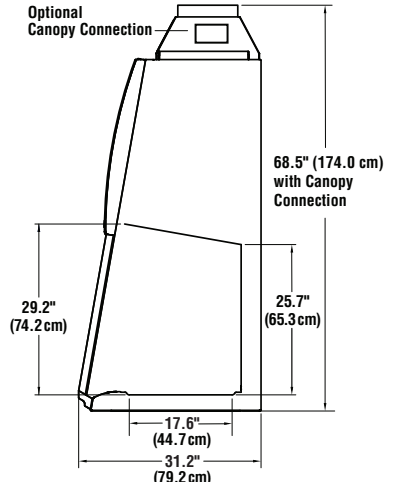


TOP

Nominal Width	A	B	C
3'	42.3"	36.5"	13.6"
4'	54.3"	48.5"	19.9"
5'	66.3"	60.5"	26.9"
6'	78.3"	72.5"	32.9"



FRONT

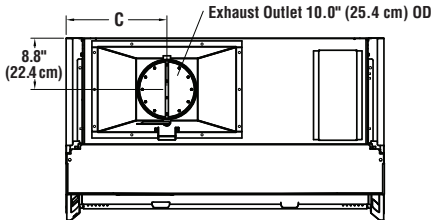


SIDE

Dotted line represents exhaust air diffusers, used when cabinet is not thimble-ducted. Canopy Connection is not included with the Purifier Cell Logic Biosafety Cabinet.

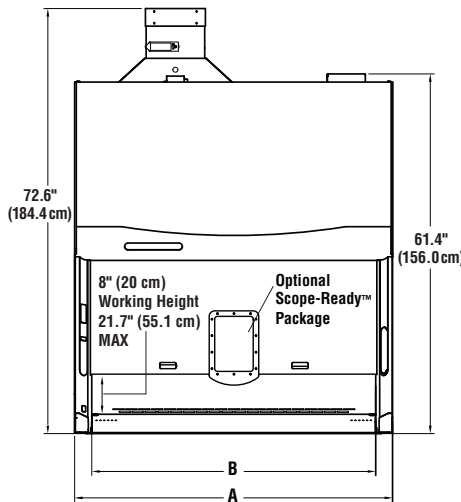
*Height is 63.4" (161.0 cm) when equipped with optional Trace Odor Postfilter

Class II, Type B2

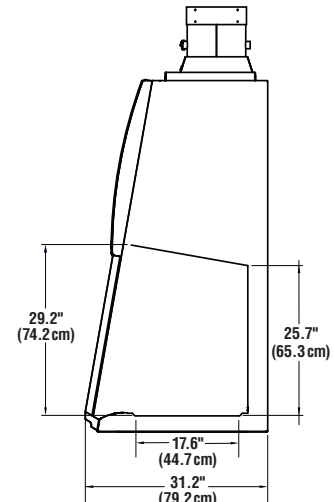


TOP

Nominal Width	A	B	C
4'	54.3" (137.9 cm)	48.5" (123.2 cm)	17.2" (43.7 cm)
6'	78.3" (198.9 cm)	72.5" (184.2 cm)	28.9" (73.4 cm)



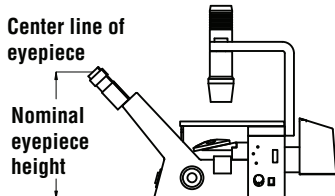
FRONT



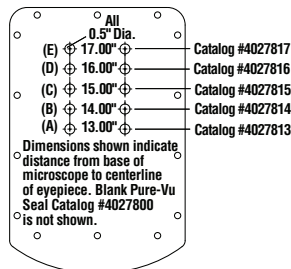
SIDE

Select the Pure-Vu® Seal that's right for you.

1. To determine placement of the cutouts, measure from the centerline of the eyepieces to the base of your microscope.



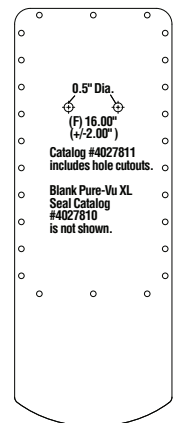
2. For inverted scopes with relatively stationary eyepiece height, select a Pure-Vu Seal corresponding with the nominal eyepiece height in the drawing below.



Pure-Vu® Seal

3. For stereo scopes or inverted scopes requiring frequent eyepiece height adjustment, select a Pure-Vu XL Seal (shown at right). Pure-Vu XL Seals are designed to be pleated when installed to allow for eyepiece height flexibility of +/-2.0". The Pure-Vu XL Seals extend 5.5" below the collar.

4. Refer to the ordering information on page 9 for Pure-Vu and Pure-Vu XL Seals recommended for specific microscope models.



Pure-Vu® XL Seal

PURIFIER® CELL LOGIC® BIOSAFETY CABINETS

ACCESSORIES

Pure-Vu® Seals

Each Cell Logic Biosafety Cabinet with Scope-Ready Package comes with one clear blank membrane (Catalog #4027800) and the Pure-Vu Punch Kit (Catalog #4027801). Convenient, pre-punched seals may be ordered separately. See instructions and drawings on page 8 for reference. Microscope examples are provided below. Please contact Labconco for ordering assistance for seals to fit microscopes not listed. Shipping weight 0.5 lb. (0.2 kg)

Reference	Catalog #	Nominal Eye Piece Height*	Fits Microscope:
not shown	4027800	Universal Pure-Vu. Blank.	
(A)	4027813	13.00" (33.02 cm)	
(B)	4027814	14.00" (35.56 cm)	Zeiss† Axiovert† 40
(C)	4027815	15.00" (38.10 cm)	Nikon† Eclipse† TS 100, Olympus† CKX31
(D)	4027816	16.00" (40.64 cm)	Leica† DM IL LED
(E)	4027817	17.00" (43.18 cm)	Leica† DM 6000 B
not shown	4027810	Universal Pure-Vu XL. Blank.	
(F)	4027811	16.00" (+/-2.00") (40.64 cm, +/- 5.08 cm)	Leica† MZ9 ₅ Nikon† SMZ 1500 Olympus† SZX 16

* When selecting a seal for a Cell Logic Class II, Type B2 Biosafety Cabinet, add one inch to your eyepiece height and use the chart above.

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4027801 Pure-Vu® Punch Kit

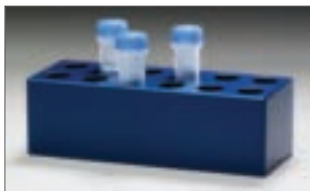
For punching accurate eyepiece holes in blank Pure-Vu seals. Includes 1/2" (12.7 mm) diameter hole punch, template and instructions. Shipping weight 1 lb. (0.5 kg)



Universal Tube Baths

Blue anodized aluminum blocks hold tubes of various sizes in an aluminum bead bath. Aluminum promotes the conduction of heat or cold from the Temp-Zone™ area to help maintain sample temperature. Beads sold separately.

Catalog #	Description	Shipping Wt.
4026600	Small Bath, 0.25 L capacity 2.0" w x 4.0" d x 3.0" h (50.8 x 101.6 x 76.2 mm)	1.5 lbs. (0.7 kg)
4026601	Large Bath, 0.5 L capacity 4.0" w x 4.0" d x 3.0" h (101.6 x 101.6 x 76.2 mm)	2.0 lbs. (0.9 kg)
4026602	Aluminum Beads, 0.75 liter	5.0 lbs. (2.3 kg)

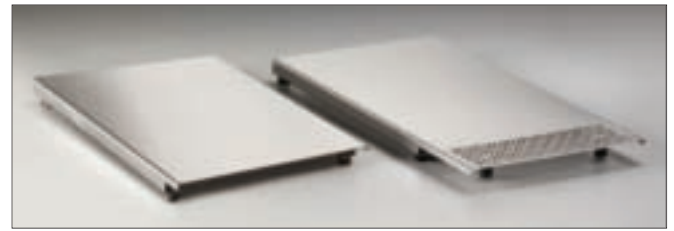


Aluminum Tube Racks

Blue anodized aluminum blocks hold tubes upright and promote conduction of heat or cold from the Temp-Zone™ area to help maintain sample temperature.

Catalog #	Tube Size/Description	Tube Capacity	Dimensions (w x d x h)	Shipping Weight
4026400	0.5 ml microcentrifuge, 7.5 mm	18	1.5 x 6.0 x 1.3" (38 x 152 x 32 mm)	1.5 lbs. (0.7 kg)
4026401	0.5 ml microcentrifuge, 7.5 mm	96	6.0 x 8.0 x 1.5" (152 x 203 x 38 mm)	7.5 lbs. (3.4 kg)
4026402	1.5 ml microcentrifuge, 10.5 mm	18	2.0 x 6.0 x 1.5" (51 x 152 x 38 mm)	2.0 lbs. (0.9 kg)
4026403	1.5 ml microcentrifuge, 10.5 mm	96	8.0 x 8.0 x 1.5" (203 x 203 x 38 mm)	9.0 lbs. (4.1 kg)
4026404	1.5 ml, 10 mm	12	1.5 x 4.0 x 1.3" (38 x 102 x 32 mm)	1.0 lb. (0.5 kg)
4026405	5 ml, 12 mm	12	2.0 x 5.0 x 2.5" (51 x 127 x 64 mm)	3.0 lbs. (1.4 kg)
4026406	6 ml, 13 mm	12	2.0 x 5.0 x 2.5" (51 x 127 x 64 mm)	3.0 lbs. (1.4 kg)
4026407	15 ml round, 16-17 mm	12	2.0 x 6.0 x 3.0" (51 x 152 x 76 mm)	3.5 lbs. (1.6 kg)
4026408	15 ml conical, 16-17 mm	12	2.0 x 6.0 x 4.0" (51 x 152 x 102 mm)	4.5 lbs. (2.0 kg)
4026409	50 ml round, 28 mm	4	1.5 x 6.0 x 4.0" (38 x 152 x 102 mm)	3.0 lbs. (1.4 kg)
4026410	50 ml conical, 28 mm	4	1.5 x 6.0 x 4.0" (38 x 152 x 102 mm)	3.0 lbs. (1.4 kg)
4026411	microtiter well plate, 3.4" x 5.0" (86 x 127 mm)	1	6.0 x 8.0 x 1.5" (152 x 203 x 38 mm)	5.0 lbs. (2.3 kg)
	1.5 ml microcentrifuge	12		
	0.5 ml microcentrifuge	12		

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Stand-Still™ Isolation Platforms

For supporting microscopes on Cell Logic Biosafety Cabinets with Scope-Ready™ package. Designed to promote proper airflow through the cabinet. Reduces vertical and horizontal vibrations up to 300%. Constructed of seamless, non-porous, autoclavable Type 304 stainless steel base with isolation pads. 1.5" high (0.4 cm). Stand-Still Platform 4028200 is included with the Scope-Ready package.

Catalog #	Description	Shipping Wt.
4028200	Stand-Still Platform, 12.0 x 18.75" (30.5 x 47.6 cm)	8.0 lbs. (3.6 kg)
4028100**	Stand-Still XL Platform, 14.0 x 22.75" (35.6 x 57.8 cm)	10.0 lbs. (4.5 kg)

**Requires use of Pure-Vu XL Seal 4027810 or 4027811.



3747500 Service Fixture Kit

Includes serrated hose tip valve with ball valve, quarter turn control handle, hardware and instructions for plumbing to services. Mounts on left or right side interior. Cabinets are factory-prepared to accommodate up to four fixtures: two forward mounted 8.5" above surface and two back mounted 10" above surface. **Installation is required.** Shipping weight 4 lbs. (2 kg)

Ultraviolet Lamp Kits

Include 254 nm UV lamp and ballast. Not recommended for Cell Logic Biosafety Cabinets with Scope-Ready package. **Installation is required.**

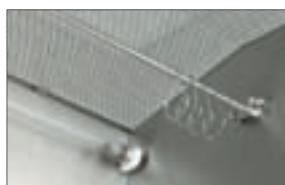
Catalog #	For use with	Shipping Wt.
3858500	115 Volt Class II, Type A2 & B2	5 lbs. (2 kg)
3858501	100 Volt Class II, Type A2 & B2	5 lbs. (2 kg)
3858502	230 Volt Class II, Type A2 & B2	5 lbs. (2 kg)

3859400 Inflow and Downflow Sensor Kit

Allows display of inflow and downflow velocities on the LCD information center. Include airflow sensor, wiring harness and hardware. Not for use on Class II, Type B2 cabinets. **Installation and certifier calibration are required.** Contact Labconco about factory-installed sensors. Shipping weight 3 lbs. (1 kg)

PURIFIER® CELL LOGIC® BIOSAFETY CABINETS

ACCESSORIES



IV Bar Kits

Bar supports intravenous solution bottles and bags. Kits include IV bar, mounting hardware and four hangers. **Installation is required.**

Catalog #	For use with	Shipping Wt.
3858600	3-Ft Class II, Type A2 & B2	3 lbs. (1 kg)
3858601	4-Ft Class II, Type A2 & B2	4 lbs. (2 kg)
3858602	5-Ft Class II, Type A2 & B2	5 lbs. (2 kg)
3858603	6-Ft Class II, Type A2 & B2	6 lbs. (3 kg)



3744000 Ergonomic Chair with Armrests

6-way articulating seat and back control for personalized adjustment. Pneumatic mechanism adjusts seat height from 18.25" to 25.75" (46 x 64 cm). Five-leg reinforced composite base with 2" diameter ball-bearing casters. Aluminum support ring. Removable armrests. Black vinyl upholstery. Shipping weight 35 lbs. (16 kg)



3746000 Adjustable Footrest

Elevates feet and permits angle repositioning while in use. 18.5" w x 11.5" d x 8.0" (47 x 29 x 20 cm). Shipping weight 6 lbs. (3 kg)



8022000 Logic Cart

Drawer and compartments provide convenient storage. Designed to fit under Purifier Cell Logic Cabinet mounted on Base Stand. Top left side compartment with cutouts and hinged panel that pivots down for loading. High density polyethylene and ABS construction. Overall dimensions: 25.0" w x 19.0" d x 27.0" h (64 x 48 x 69 cm). Shipping weight 50 lbs. (23 kg)



3852000 Turntable

"Lazy Susan" holds miscellaneous items and rotates 360° to bring items within easy reach. Stainless steel surface and ball bearings. 12" (30 cm) diameter. Autoclavable. Shipping weight 5 lbs. (2 kg)



3859100 Cord Management System

Includes three stainless steel mounting hooks and three carabiners. The hooks mount to the rear grille and the carabiners secure power cords and tubing along the rear wall to keep them contained and away from the work area. Shipping weight 3 lbs. (1 kg)



3859000 Interior Shelf

Stainless steel shelf mounts to rear grille and provides 8.0" x 5.0" (20 x 13 cm) surface to place supplies. Weight capacity: 2.2 lbs. (1 kg). Shipping weight 3 lbs. (1 kg)



Aspirator Pump Systems

Remove liquids from petri dishes, well plates and other laboratory containers during cell culture, fluid and media aspiration procedures. Chemical-resistant diaphragm pump draws 12 liters/minute with on/off switch and manual/foot pedal control switch.

Autoclavable, two-liter glass container allows safe collection and disposal of biohazardous/pathogenic liquids. Float valve automatically seals the container to prevent overflowing and backflow into the pump. A 0.22 µm filter traps airborne particulates, preventing pump contamination. Housed in compact case with handle. Includes silicone tubing, pipetting holder, pipette tips and grommet. Tubing may be routed through service fixture opening in biosafety cabinet wall and sealed with grommet for permanent installation. **Installation is required.** Overall dimensions: 13" w x 6.8" d x 15" h. (33 x 17 x 38 cm)

Catalog #	Electrical Configuration	Shipping Wt.
3850300	110 Volts, 60 Hz, 0.4 amp	23 lbs. (10 kg)
3850301	220 Volts, 50/60 Hz, 0.2 amp	23 lbs. (10 kg)



Support Shelves

Provide a work surface to support remote equipment such as a small circulator or the Aspirator Pump System within easy access of the biosafety cabinet. Epoxy-coated steel shelf mounts to left-side tubular frame of base stand. Includes epoxy-coated steel shelf and fasteners. Not for use with SoLo Hydraulic Lift Base Stand. **Installation is required.**

Catalog #	For use with	w x d	Shipping Wt.
3850100	Telescoping Base Stand	22.0 x 10.4" (56 x 26 cm)	23 lbs. (10 kg)
4028600	Hydraulic Lift Base Stand	12.0 x 22.0" (26 x 30 cm)	23 lbs. (10 kg)



Laptop Computer Arms

Securely support a laptop computer within easy view of an operator at the Cell Logic. Mount to front of SoLo Base Stands or front leg of Telescoping Base Stands. Articulating arm raises, lowers and pivots to a steady position. Include epoxy-coated steel arm and support surface with cloth loop fasteners and mounting hardware. Not for use with other Hydraulic Lift Base Stands. **Installation is required.**

Not for use with other Hydraulic Lift Base Stands. **Installation is required.**

Catalog #	For use with	Shipping Wt.
3869300	Telescoping Base Stand	12 lbs. (5 kg)
3869200	Solo Hydraulic Lift Base Stand	12 lbs. (5 kg)

Prefilters

Filter attaches to the towel catch to prevent small debris from being drawn into the blower or the HEPA filters. **Installation is required.**

Catalog #	For use with	Shipping Wt.
3859200	3-Ft Purifier Logic Biosafety Cabinet	1 lb. (0.5 kg)
3859201	4-Ft Purifier Logic Biosafety Cabinet	1 lb. (0.5 kg)
3859202	5-Ft Purifier Logic Biosafety Cabinet	1 lb. (0.5 kg)
3859203	6-Ft Purifier Logic Biosafety Cabinet	1 lb. (0.5 kg)

PURIFIER® CELL LOGIC® BIOSAFETY CABINETS

ACCESSORIES

Trace Odor Carbon Postfilters

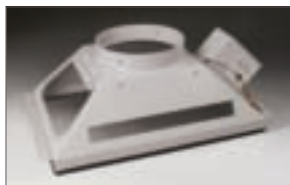
Cardboard-framed, disposable, impregnated carbon filters trap non-volatile nuisance odors in the exhaust airflow. Mount atop the biosafety cabinet. **Require factory-installed brackets or Postfilter Conversion Kit (see below).** Not for use with Cell Logic Class II, Type B2 or 3-foot Cell Logic Class II, Type A2 Biosafety Cabinets.

Catalog #	For use with	Shipping Wt.
3837201	4-Ft Class II, Type A2	5 lbs. (2 kg)
3837202	5-Ft Class II, Type A2	7 lbs. (3 kg)
3837203	6-Ft Class II, Type A2	10 lbs. (5 kg)

Postfilter Conversion Kits

Include one Trace Odor Carbon Postfilter, the brackets and hardware necessary to retrofit Cell Logic Biosafety Cabinets to accommodate Trace Odor Carbon Postfilters. Not for use with Cell Logic Class II, Type B2 or 3-foot Cell Logic Class II, Type A2 Biosafety Cabinets. **Installation is required.**

Catalog #	For use with	Shipping Wt.
3859301	4-Ft Class II, Type A2	5 lbs. (2 kg)
3859302	5-Ft Class II, Type A2	5 lbs. (2 kg)
3859303	6-Ft Class II, Type A2	5 lbs. (2 kg)



Canopy Connections

For thimble ducting Cell Logic Class II, Type A2 Biosafety Cabinets to the outside. Canopy provides an air gap to allow room air to enter the ductwork and mix with the filtered air being exhausted to the outside. Expands the use of Class II,

Type A2 biosafety cabinets to include malodorous samples, small amounts of volatile toxic chemicals and tracer quantities of radionuclides. Epoxy-coated steel. Exhaust airflow sensor detects and alarms when airflow drops below calibrated setpoint. Pressure relief valve opens to maintain properly balanced airflow in the biosafety cabinet should the remote blower fail. Outlet is 10" (25.4 cm) ID and accepts 10" (25 cm) diameter ductwork such as Air-Tight Damper 37768000, sold separately. **Remote Blower 7068000 or 7068200 is recommended (not included). See below.** Shipping weight 15 lbs. (7 kg)

Catalog #	For use with	Total Exhaust Volume (Safety Cabinet and Room Air)
3898000	3-Ft Class II, Type A2	311-335 CFM*
3898001	4-Ft Class II, Type A2	385-417 CFM*
3898002	5-Ft Class II, Type A2	458-502 CFM*
3898003	6-Ft Class II, Type A2	569-611 CFM*

* 9" sash opening



Remote Blowers

Required for Type B2 cabinets and recommended for canopy-ducted Type A2 cabinets. Phenolic-coated impeller and housing, dry powder epoxy-coated steel base and weather cover, belt-drive motor with adjustable sheave and self-adjusting gravity belt tightener. Contact Labconco for dimensions and blowers of other sizes and electrical configurations.

Catalog #	For use with	Electrical Requirements	HP	CFM Range†	Shipping Weight
7068000	3-Ft & 4-Ft Type A2 Cabinets	115 volts, 60 Hz, 1 phase, 4.0 amps	1/6	370 @ .12" to 410 @ .38"	92 lbs. (42 kg)
7068200	5-Ft & 6-Ft Type A2 Cabinets	115 volts, 60 Hz, 1 phase, 4.4 amps	1/4	540 @ .25" to 430 @ .75"	92 lbs. (42 kg)
7071900	4-Ft & 6-Ft Type B2 Cabinets	230/460 volts, 60 Hz, 3 phase, 5.8/2.9 amps	2	977 @ 3.4" to 1161 @ 4.7"	100 lbs. (45 kg)

† Air volume at static pressure in inches H₂O



3776800 Air-Tight Damper

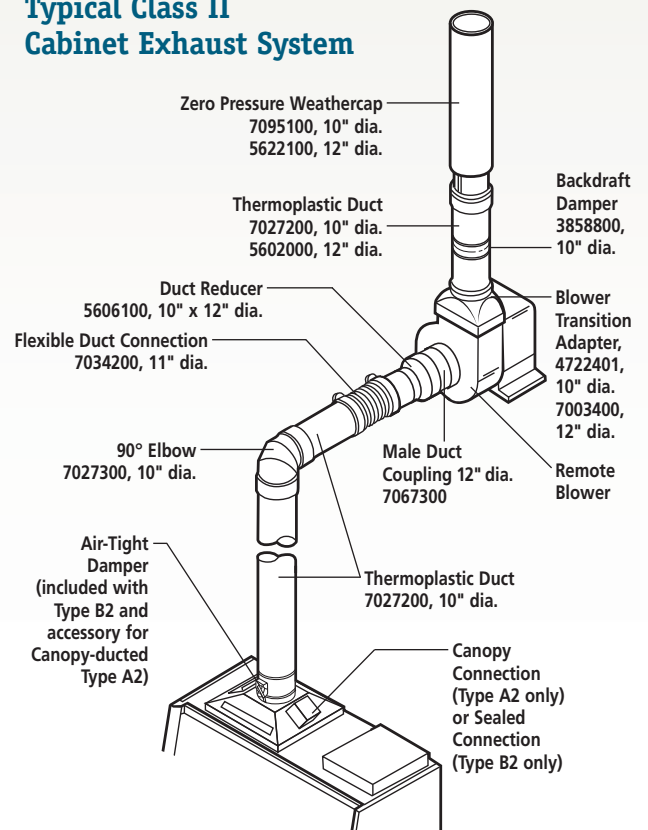
Mounts atop the Canopy Connection to adjust exhaust airflow and closes for decontamination procedures. Manually adjustable. Type 304 stainless steel. 10" (25.4 cm) high with 10" (25.4 cm) diameter OD inlet and outlet. Shipping weight 13 lbs. (6 kg)



3858800 Backdraft Damper

Mounts in vertical duct run to prevent reverse pressurization of the exhaust system. 3.0" (8 cm) high with 10" (25.4 cm) diameter OD inlet and outlet. Shipping weight 5 lbs. (2 kg)

Typical Class II Cabinet Exhaust System



Contact Labconco at 800-821-5525 or 816-333-8811 for ordering information and technical assistance in selecting the right ductwork for your installation.

	7068000 & 7068200	7071900
Inlet	10.87" (27.6 cm) ID	12.25" (31.1 cm) OD
Outlet	5.5" d x 10.0" w (14 x 25 cm)	7.0" x 13.5" (18 x 34 cm)
Blower Transition Adapter Required	4722401	7003400

PURIFIER® CELL LOGIC® BIOSAFETY CABINETS

BASE STANDS



Telescoping Base Stand 3730400. Inset: Accessory Shelf.

Telescoping Base Stands

Tested to NSF Standard for stability and construction. Epoxy-coated 1.75" (4.4 cm) tubular steel. Adjustable at installation in 1" (2.5 cm) increments to provide a working height from 30" (76 cm) to 36" (91 cm). Depth is 29.0" (74 cm). Available with fixed feet or 5" (13 cm) diameter casters.



Hydraulic Lift Base Stand 3780201

Hydraulic Lift Base Stands**

Tested to NSF Standard for stability and construction. Epoxy-coated 1.75" (4.4 cm) tubular steel with 2" x 3" (5 x 8 cm) tubular steel subframe. Infinitely adjustable height from 25.5" (65 cm) to 33.5" (85 cm). Depth is 29.0" (74 cm). Powder-coated, die-cast feet with levelers. Electric models have up/down switch. Manual models have hand crank.



SoLo Hydraulic Lift Base Stand 3780311

SoLo™ Hydraulic Lift Base Stands**

Tested to NSF Standard for stability and construction. Allow cabinet transport through standard doorways as low as 78" (198 cm) high. Epoxy-coated steel. Remote-control operated hydraulic lift provides infinitely adjustable work surface heights from 17.2" (44 cm) to 36.8" (93 cm). Depth is 34.3" (87 cm). Toe-locking casters, 5" (13 cm) diameter, with bearings.

Telescoping Base Stands and Accessory Shelves

Nominal Width	Catalog #	Actual Width	Shipping Weight	Description
3-Ft	3730300	38.5" (98 cm)	110 lbs. (50 kg)	With leveling feet
3-Ft	3730310*	38.5" (98 cm)	110 lbs. (50 kg)	With toe-locking casters
4-Ft	3730400	50.5" (128 cm)	117 lbs. (53 kg)	With leveling feet
4-Ft	3730410*	50.5" (128 cm)	117 lbs. (53 kg)	With toe-locking casters
5-Ft	3830500	62.5" (159 cm)	124 lbs. (56 kg)	With leveling feet
5-Ft	3830510*	62.5" (159 cm)	124 lbs. (56 kg)	With toe-locking casters
6-Ft	3730600	74.5" (189 cm)	130 lbs. (59 kg)	With leveling feet
6-Ft	3730610*	74.5" (189 cm)	130 lbs. (59 kg)	With toe-locking casters
3-Ft	3811105	34.9" (89 cm)	12 lbs. (5 kg)	Shelf, 9.9" d (25 cm), epoxy-coated steel
4-Ft	3811106	46.9" (119 cm)	16 lbs. (7 kg)	Shelf, 9.9" d (25 cm), epoxy-coated steel
5-Ft	3811107	56.4" (143 cm)	19 lbs. (9 kg)	Shelf, 9.9" d (25 cm), epoxy-coated steel
6-Ft	3811108	70.9" (180 cm)	23 lbs. (10 kg)	Shelf, 9.9" d (25 cm), epoxy-coated steel
—	3857000	—	10 lbs. (5 kg)	Seismic Bracket Kit

Hydraulic Lift Base Stands and Caster Kit

Nominal Width	Catalog #	Actual Width	Shipping Weight	Description
3-Ft	3780100	38.5" (98 cm)	170 lbs. (77 kg)	Electric. 115 volts, 60 Hz, 2.4 amps
3-Ft	3780103†	38.5" (98 cm)	170 lbs. (77 kg)	Electric. 230 volts, 50 Hz, 0.8 amp
3-Ft	3780200	38.5" (98 cm)	170 lbs. (77 kg)	Manual
4-Ft	3780101	50.5" (128 cm)	185 lbs. (84 kg)	Electric. 115 volts, 60 Hz, 2.4 amps
4-Ft	3780104†	50.5" (128 cm)	185 lbs. (84 kg)	Electric. 230 volts, 50 Hz, 0.8 amp
4-Ft	3780201	50.5" (128 cm)	185 lbs. (84 kg)	Manual
5-Ft	3780106	62.5" (159 cm)	215 lbs. (98 kg)	Electric. 115 volts, 60 Hz, 2.4 amps
5-Ft	3780107†	62.5" (159 cm)	215 lbs. (98 kg)	Electric. 230 volts, 50 Hz, 0.8 amp
5-Ft	3780203	62.5" (159 cm)	215 lbs. (98 kg)	Manual
6-Ft	3780102	74.5" (189 cm)	225 lbs. (102 kg)	Electric. 115 volts, 60 Hz, 2.4 amps
6-Ft	3780105†	74.5" (189 cm)	225 lbs. (102 kg)	Electric. 230 volts, 50 Hz, 0.8 amp
6-Ft	3780202	74.5" (189 cm)	225 lbs. (102 kg)	Manual
—	3784000*	—	10 lbs. (5 kg)	Caster Kit, 5" dia. (13 cm), toe-locking

SoLo™ Hydraulic Lift Base Stands

Nominal Width	Catalog #	Actual Width	Shipping Weight	Electrical Requirements
3-Ft	3780310*	53.5" (135 cm)	395 lbs. (179 kg)	115 volts, 60 Hz, 2 amps
3-Ft	3780314*†	53.5" (135 cm)	395 lbs. (179 kg)	230 volts, 50 Hz, 3 amps
4-Ft	3780311*	65.5" (166 cm)	435 lbs. (197 kg)	115 volts, 60 Hz, 2 amps
4-Ft	3780315*†	65.5" (166 cm)	435 lbs. (197 kg)	230 volts, 50 Hz, 3 amps
5-Ft	3780312*	77.5" (197 cm)	460 lbs. (209 kg)	115 volts, 60 Hz, 2 amps
5-Ft	3780316*†	77.5" (197 cm)	460 lbs. (209 kg)	230 volts, 50 Hz, 3 amps
6-Ft	3780313*	89.5" (227 cm)	600 lbs. (272 kg)	115 volts, 60 Hz, 2 amps
6-Ft	3780317*†	89.5" (227 cm)	600 lbs. (272 kg)	230 volts, 50 Hz, 3 amps

* Enclosures supported by mobile Base Stands will require special modifications to incorporate flexible ducting, wiring and plumbing when applied. Not for use with Type B2 biosafety cabinets.

** Chiller circulators and other large equipment may not fit under hydraulic lift base stands. Labconco recommends placement of large equipment to the side.

† International electrical configuration

♿ Comply with height and knee clearance guidelines outlined in ADA Standards for Accessible Design.

Contact Labconco for ordering information on Unassembled Base Stands.



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