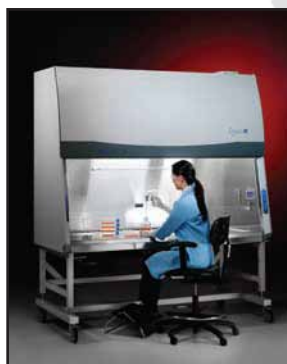




Labconco XPress Laboratory Equipment

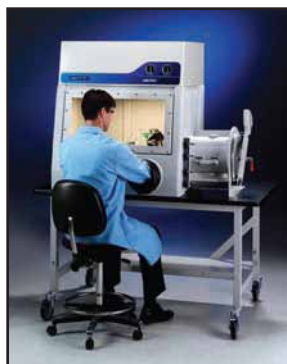
*Where You Need It, **When** You Need It*



Thomas
Scientific

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Items are in stock at Labconco for quick shipment.
Items ship in 48 hours or less!



Protecting your
laboratory environment
LABCONCO

Chemical Fume Hoods



A Fiberglass 30 Laboratory Hood (3030000) is shown with a 30" Standard Base Cabinet (9902200).



A Protector Premier Laboratory Hood (4880400) is shown with a 48" Solvent Storage Cabinet (9902000).



A Basic 47 Laboratory Hood (2247300) is shown with a 48" Acid Storage Cabinet (9901000).

Labconco offers three chemical fume hoods for protection from fumes and vapors.

- The 4' **Protector Premier Laboratory Hood** and
- **Fiberglass 30 Laboratory Hood** are lined with corrosion-resistant fiberglass to withstand exposure to many acid gases and vapors.
- The **Basic 47 Laboratory Hood**, lined with epoxy-coated steel, is designed for low corrosive, light duty use.

Labconco XPress Ordering Information*

Thomas	Catalog	Description
5165H82	4880400	4' Protector Premier Laboratory Hood without blower, with two service fixtures (requires blower, base and work surface). For 115 volt, 60 Hz operation. Dimensions: 48.0" w x 33.2" d x 59.0" high.
1229L28	9847101	4' SpillStopper Solid Epoxy Dished Work Surface with 6" x 3' oval cupsink cutout (cupsink sold separately). For use with 4' Protector Premier Laboratory Hood. Dimensions: 48.0" w x 30.0" d x 1.25" thick.
1229N21	7181000	1/4 HP Fiberglass Blower for roof mounting. For use with 4' Protector Premier Laboratory Hood with up to 100' equivalent duct run. For 115 volt, 60 Hz operation.

Thomas	Labconco	Description
5165H01	2247300	4' Basic 47 Laboratory Hood with blower (requires base and work surface). For 115 volt, 60 Hz operation. Dimensions: 47.0" w x 25.0" d x 53.0" high (with blower module mounted on top of the hood).
5165J32	4882803	4' Flat Solid Epoxy Work Surface . For use with 4' Basic 47 Laboratory Hood. Dimensions: 48.0" w x 30.0" d x 1.25" thick.
5165H24	3030000	Fiberglass 30 Laboratory Hood with blower (requires base and work surface). For 115 volt, 60 Hz operation. Dimensions: 30.0" w x 30.2" d x 48.0" high.
5165J35	4882806	30" Flat Solid Epoxy Work Surface . For use with Fiberglass 30 Laboratory Hood. Dimensions: 30.0" w x 30.0" d x 1.25" thick.

*After receipt of order, product is shipped in 48 hours or less. Subject to availability. Quantities are limited.

Chemical Fume Hoods

3



A 48" Standard Base Cabinet (9900000)



A 30" Solvent Storage Cabinet (9902200)



A 36" Acid Storage Cabinet (9901100)

Labconco Base Cabinets provide support for the full line of benchtop Labconco fume hoods. Cabinets may be mixed or matched so that their total width equals the width of the fume hood they support.

- **Standard Storage Cabinets** may be used for storage and venting of small laboratory instruments and mild acids and other reagents.
- **Acid Storage Cabinets** safely store and vent acids and other corrosive liquids.
- **Solvent Storage Cabinets** safely store and vent solvents and other flammable liquids.

Labconco XPress Ordering Information*

Thomas	Labconco	Description
5165J42	9900200	30" Standard Base Cabinet (requires work surface). Dimensions: 30.0" w x 22.0" d x 35.5" to 36.75" high.
5165J41	9900100	36" Standard Base Cabinet (requires work surface). Dimensions: 36.0" w x 22.0" d x 35.5" to 36.75" high.
5165J40	9900000	48" Standard Base Cabinet (requires work surface). Dimensions: 48.0" w x 22.0" d x 35.5" to 36.75" high.
5165T14	9901200	30" Acid Storage Cabinet (requires work surface). Dimensions: 30.0" w x 22.0" d x 35.5" to 36.75" high.
5165T16	9901100	36" Acid Storage Cabinet (requires work surface). Dimensions: 36.0" w x 22.0" d x 35.5" to 36.75" high.
5165T12	9901000	48" Acid Storage Cabinet (requires work surface). Dimensions: 48.0" w x 22.0" d x 35.5" to 36.75" high.

Thomas	Labconco	Description
5165T20	9902200	30" Solvent Storage Cabinet (requires work surface). Dimensions: 30.0" w x 22.0" d x 35.5" to 36.75" high.
5165T22	9902100	36" Solvent Storage Cabinet (requires work surface). Dimensions: 36.0" w x 22.0" d x 35.5" to 36.75" high.
5165T18	9902000	48" Solvent Storage Cabinet (requires work surface). Dimensions: 48.0" w x 22.0" d x 35.5" to 36.75" high.
1229M18	9903200	30" Self-Closing Solvent Storage Cabinet (requires work surface.) Dimensions: 30.0" w x 22.0" d x 35.5" to 36.75" high.
1229M19	9903100	36" Self-Closing Solvent Storage Cabinet (requires work surface.) Dimensions: 36.0" w x 22.0" d x 35.5" to 36.75" high.
1229M20	9903000	48" Self-Closing Solvent Storage Cabinet (requires work surface.) Dimensions: 48.0" w x 22.0" d x 35.5" to 36.75" high.

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Biological Safety Cabinets

Purifier® Logic® Class II, Type A2

Biosafety Cabinets provide personnel, product and environmental protection from particulate contamination including Biosafety Level 1, 2 and 3 agents and antineoplastic drugs. Other appropriate applications include work with genetic material, carcinogens, allergens and additional substances that generate hazardous airborne particulates.

These biosafety cabinets include service fixture(s), ultraviolet light and two interior-mounted electrical duplexes with splash covers. The **Telescoping Base Stands** have telescoping legs that may be adjusted to eight height positions in 1" increments.



A 4' Purifier Logic Biosafety Cabinet (3440001) shown with a 4' Telescoping Base Stand (3730400)

Labconco XPress Ordering Information*

Thomas	Labconco	Description
1230U23	3440001	4' Purifier Logic Biosafety Cabinet (requires base) with 10" sash opening, UV light and one service fixture. For 115 volt, 60 Hz operation. Dimensions: 54.3" w x 31.2" d x 61.4" high.
1230U15	3440801	4' Purifier Logic Biosafety Cabinet (requires base) with 8" sash opening, UV light and one service fixture. For 115 volt, 60 Hz operation. Dimensions: 54.3" w x 31.2" d x 61.4" high.
1230U27	3460001	6' Purifier Logic Biosafety Cabinet (requires base) with 10" sash opening, UV light and two service fixtures. For 115 volt, 60 Hz operation. Dimensions: 78.3" w x 31.2" d x 61.4" high.
1230U19	3460801	6' Purifier Logic Biosafety Cabinet (requires base) with 8" sash opening, UV light and two service fixtures. For 115 volt, 60 Hz operation. Dimensions: 78.3" w x 31.2" d x 61.4" high.

Thomas	Labconco	Description
6278Y48	3730400	4' Telescoping Base Stand. Dimensions: 50.5" w x 29.0" d x 27.5" to 34.5" high.
5278Y50	3730600	6' Telescoping Base Stand. Dimensions: 74.5" w x 29.0" d x 27.5" to 34.5" high.

The Logic's ECM motor uses only **240 watts** during operation, 60% less than biosafety cabinets using conventional motors.

*After receipt of order, product is shipped in 48 hours or less. Subject to availability. Quantities are limited.

Ductless Fume Hoods, Balance Enclosures and Glove Box

5



A 3' XPert Filtered Balance System shown with 36'' Solvent Storage Cabinet (9902100)



A 3' Paramount Ductless Enclosure (696301)



A Precise Controlled Atmosphere Glove Box (5220100) shown with an Adjustable Height Base Stand with 5'' casters (5235500)

- **Paramount Ductless Enclosures** use carbon filters to rid the work area of hazardous fumes and vapors, as well as adsorbing or treating acid gases, solvents, ammonia, formaldehyde and radioisotopes.
- **XPert Filtered Balance Systems** provide user protection by keeping powders and particulates contained during weighing procedures.
- **Precise Controlled Atmosphere Glove Boxes** provide a leak-tight environment for work with contamination-sensitive materials.

Labconco XPress Ordering Information*

Thomas	Labconco	Description
1229Z58	6963301	3' Paramount Ductless Enclosure (requires base, work surface and filters). For 115 volt, 50/60 Hz operation. Dimensions: 36.0" w x 29.0" d x 53.0" high.
1229Z64	6963401	4' Paramount Ductless Enclosure (requires base, work surface and filters). For 115 volt, 50/60 Hz operation. Dimensions: 48.0" w x 29.0" d x 53.0" high.
5165H96	3950301	3' XPert Filtered Balance System (requires base and work surface). For 115 volt, 60 Hz operation. Dimensions: 36.0" w x 29.0" d x 37.1" high.
5165J02	3950401	4' XPert Filtered Balance System (requires base and work surface). For 115 volt, 60 Hz operation. Dimensions: 48.0" w x 29.0" d x 37.1" high.
1231H29	5220100	Precise Controlled Atmosphere Glove Box (requires base). For 115 volt, 60 Hz operation. Dimensions: 52.7" w x 31.6" d x 40.0" high.

Thomas	Labconco	Description
5165H44	3909901	3' Black Solid Epoxy Work Surface . Dimensions: 36.0" w x 29.0" w x 1.0" thick.
5165H46	3909902	4' Black Solid Epoxy Work Surface . Dimensions: 48.0" w x 29.0" w x 1.0" thick.
5165N52	3746701	3' Telescoping Base Stand with fixed feet . Dimensions: 36.0" w x 29.0' d x 27.5" to 33.5" high.
5165N54	3746702	4' Telescoping Base Stand with fixed feet . Dimensions: 48.0" w x 29.0' d x 27.5" to 33.5" high.
1231H36	5235500	Adjustable Height Base Stand with 5" casters. For Precise Glove Box. Dimensions: 60.0" w x 40.0" d x 33.0" to 40.0" high.

*After receipt of order, product is shipped in 48 hours or less. Subject to availability. Quantities are limited.

Freeze Dryers



A FreeZone 2.5 Liter Benchtop Freeze Dry System (7670520)



A FreeZone 4.5 Liter Benchtop Freeze Dry System (7750020)



A FreeZone Plus 2.5 Liter Cascade Benchtop Freeze Dry System (7670020)



General Purpose Rotary Vane Vacuum Pump (1472100)



Chemvac Combination Rotary Vane/Diaphragm Vacuum Pump (7584000)



12-Port Drying Chamber (7522800)

- The **FreeZone 2.5 Liter Benchtop Freeze Dry System** offers an economical solution for processing light loads of aqueous samples.
- The **2.5 Liter Cascade Benchtop Freeze Dry System** shares the same small footprint, but reaches -84° C for processing samples with low eutectic points.
- The **FreeZone 4.5 Liter Benchtop Freeze Dry System** is a compact laboratory lyophilizer with ice holding capacity for light to moderate sample loads, as well as a permanently-installed 10-port drying chamber.
- Each of these systems can be used with the **General Purpose Rotary Vane Vacuum Pump** or **Chemvac Combination Rotary Vane/Diaphragm Vacuum Pump**, while the
- **12-Port Drying Chamber** can be used with both 2.5 Liter Systems.

Labconco XPress Ordering Information*

Thomas	Labconco	Description
5118R07	7670520	FreeZone 2.5 Liter Benchtop Freeze Dry System (requires drying chamber, vacuum pump and glassware). -50° C (-58° F) collector temperature. For 115 volt, 60 Hz operation.
5118R16	7670020	FreeZone Plus 2.5 Liter Cascade Benchtop Freeze Dry System (requires drying chamber, vacuum pump and glassware). -84° C (-119° F) collector temperature. For 115 volt, 60 Hz operation.
5118R31	7750020	FreeZone 4.5 Liter Benchtop Freeze Dry System with built-in 10-port drying chamber (requires vacuum pump and glassware). -50° C (-58° F) collector temperature. For 115 volt, 60 Hz operation.

Thomas	Labconco	Description
5119D69	7522800	12-Port Drying Chamber .
4366R20	1472100	General Purpose Rotary Vane Vacuum Pump . 117 liters per minute displacement capacity.
1227Y18	7584000	Chemvac Combination Rotary Vane/Diaphragm Vacuum Pump . 110 liters per minute displacement capacity.

*After receipt of order, product is shipped in 48 hours or less. Subject to availability. Quantities are limited.

Vacuum Concentrator & Cold Trap



- **CentriVap Benchtop Vacuum Concentrators** are designed to rapidly concentrate multiple small samples using centrifugal force, vacuum and heat. As many as 132 samples may be processed at once.

- **CentriVap Cold Traps** collect evaporated liquid from the CentriVap Vacuum Concentrator, protecting the vacuum pump from corrosion. The Traps may also be used in other laboratory applications such as freeze drying and desiccation.

- The **Ilmvac Diaphragm Vacuum Pumps** can be used with either of these products, and provide deep vacuum as low as <2 mBar ultimate pressure. Unlike rotary vane pumps, these low maintenance pumps do not require vacuum oil.

- The **CentriVap DNA Centrifugal Concentrator** is expressly designed to speed evaporation of solvents from DNA and other very small samples.



CentriVap Benchtop Vacuum Concentrator (7810010)



CentriVap Cold Trap (7811020)



CentriVap DNA Centrifugal Concentrator (7970010)

Labconco XPress Ordering Information*

Thomas	Labconco	Description
4366N45	7810010	CentriVap Benchtop Vacuum Concentrator (requires Rotor). For 115 volt, 50/60 Hz operation.
4366N72	7811020	CentriVap Cold Trap For 115 volt, 60 Hz operation.
4366R11	7970010	CentriVap DNA Centrifugal Concentrator (requires Rotor). For 115 volt, 50/60 Hz operation.
1229N34	7393000	Ilmvac Diaphragm Vacuum Pump. For 115 volt, 50/60 Hz operation. 82 liters/minute displacement capacity.



Ilmvac Diaphragm Vacuum Pump (7393000)

*After receipt of order, product is shipped in 48 hours or less. Subject to availability. Quantities are limited.

Glassware Washers



SteamScrubber Undercounter Glassware Washer (4400320)



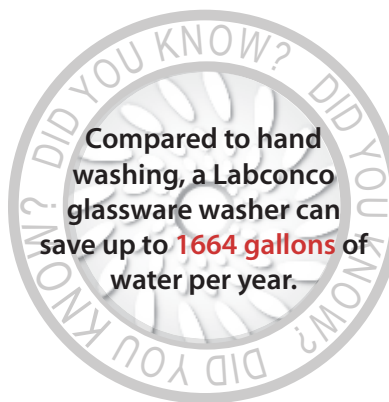
FlaskScrubber Undercounter Glassware Washer (4420320)

Labconco laboratory glassware washers have specialized features to meet the laboratory's demand for superior cleaning and convenience.

- **SteamScrubber Undercounter Glassware Washers** have top and bottom racks that accommodate accessory inserts for a wide variety of glassware shapes and sizes, primarily beakers and other wide-mouth glassware.
- **FlaskScrubber Undercounter Glassware Washers** have a spindle rack that holds up to 36 pieces of primarily narrow-necked glassware such as volumetric flasks.

Labconco XPress Ordering Information*

Thomas	Labconco	Description
1230E41	4400320	SteamScrubber Undercounter Glassware Washer. With top and bottom open racks. 82° C (180° F) maximum internal water temperature. For operation on 115 volt, 60 Hz. Dimensions: 24.1" w x 27.5" d (door closed) x 34.1" to 36.1" high.
1230E49	4420320	FlaskScrubber Undercounter Glassware Washer. With bottom spindle rack. 82° C (180° F) maximum internal water temperature. For operation on 115 volt, 60 Hz. Dimensions: 24.1" w x 27.5" d (door closed) x 34.1" to 36.1" high.



*After receipt of order, product is shipped in 48 hours or less. Subject to availability. Quantities are limited.

