



Protecting your
laboratory environment

LABCONCO®

VACUUM DESICCATOR 5530000



One-piece fiberglass body is durable, seamless and easy to clean.

3-way vacuum release needle valve that accommodates 1/4" (6.4 mm) ID vacuum tubing allows for slow vacuum release and refilling with a dry nitrogen gas.

Support stand is included.

Side hinged door has a fully-gasketed, clear tempered safety glass window which provides an unobstructed view.

Two removable powder-coated steel shelves with twelve 7/8" (22 mm) holes and nine molded-in shelf supports allow for flexible shelf arrangements.

Stainless steel pan holds Drierite* or other granular desiccant (desiccant not included).

Cabinet can be inverted to allow for left-hand opening.

*Drierite® is a registered trademark of W. A. Hammond Drierite Company

APPLICATIONS

Vacuum Desiccator provides a cubic foot of contamination- and corrosion-free space for cooling, drying and storage of moisture-sensitive materials including thin layer chromatography plates, halide salt cells for IR spectrophotometers and chemical standards.

SPECIFICATIONS

5530000 Vacuum Desiccator is constructed of molded fiberglass reinforced polyester. Nine shelf supports are molded into the walls of the cabinet on 1" (25 mm) centers. Side hinged door frame is constructed of epoxy-coated cold rolled steel. Clear 3/8" (9.5 mm) tempered safety glass window is mounted in the door and is fully gasketed. Door lock has polished chrome finish. Brass needle valve has barbed tip and is designed for 1/4" (6.4 mm) ID vacuum tubing. The cabinet is vacuum tested to a full vacuum of 29 inches of mercury. Includes two 12" (30.5 cm) square epoxy-coated steel shelves with twelve 7/8" (22 mm) holes to support crucibles, stainless steel pan for granular desiccant (desiccant not included) and powder-coated steel wire support stand. To place one Desiccator Cabinet on top of another, an optional powder-coated steel Stacking Rack is available (not included). **A vacuum source is required (not included).**

DIMENSIONAL DATA & SHIPPING WEIGHT

Overall dimensions: 17" wide x 13 1/2" deep x 14 3/4" high (43.2 cm wide x 34.3 cm deep x 37.5 cm high)
When placed on stand, height is 15 3/8" (39.1 cm).
Interior dimensions: 12" wide x 12" deep x 12" high (30.5 cm wide x 30.5 cm deep x 30.5 cm high)
Shipping weight: 46 lbs. (21 kg)

ACCESSORIES

Catalog Number	Description	Shipping Weight
5535700	Vacuum Tubing Kit, includes 1/4" ID and 1/2" ID vacuum tubing, each 48" long; 2 each 1/4" and 1/2" tubing clamps; 1/4" to 1/2" barbed reducer	6 lbs. (3 kg)
5530600	Stacking Rack, powder-coated steel	5 lbs. (2.3 kg)
5532000*	Two Shelves, powder-coated steel, 12" (30.5 cm) square, with twelve 7/8" (22 mm) holes	4 lbs. (2 kg)
5532100*	Desiccant Pan, stainless steel, 11" (27.9 cm) square x 7/8" (2.2 cm) deep	1 lb. (0.5 kg)
5529100*	Support Stand, powder-coated steel wire frame	2 lbs. (1 kg)

*Included with Desiccator Cabinet

VACUUM PUMPS

Catalog Number	Displacement Capacity (at 60 Hz)	Vacuum	Vacuum Outlet	Electrical	Shipping Weight
Diaphragm					
7393000	63 liters/min	29.8" Hg <2 mBar	1/2" OD	115 Volts, 50/60 Hz, 3.5 Amps	40 lbs. (18 kg)
7393001†	57/63 liters/min††	29.8" Hg <2 mBar	1/2" OD	230 Volts, 50/60 Hz, 2.0 Amps	40 lbs. (18 kg)
Rotary Vane					
1472100	98/117 liters/min††	1.5 micron 2 x 10 ⁻³ mBar	1/2" & 3/4" OD	115 Volts, 50/60 Hz, 4.6 Amps	62 lbs. (28 kg)
7739400	98/117 liters/min††	1.5 micron 2 x 10 ⁻³ mBar	1/2" & 3/4" OD	230 Volts, 50/60 Hz, 2.4 Amps	62 lbs. (28 kg)

†International electrical configuration

††Displacement at 50/60 Hz

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