



Protecting your
laboratory environment

LABCONCO[®]

PRODUCT SPECIFICATIONS FOR VACUUM DESICCATOR MODEL 55300-00



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

3-way vacuum release needle valve which 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, and an optional Stacking Rack allows Desiccators to be stacked.

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

Two removable aluminum 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 agent.

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

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

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

Body 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 25 inches of mercury. Unit includes two 12" (30.5 cm) square aluminum shelves with twelve 7/8" (22 mm) holes to support crucibles, stainless steel pan for granular desiccant and epoxy-coated steel wire support stand. To place one Desiccator Cabinet on top of another, an optional epoxy-coated steel Stacking Rack is available (not included). **A vacuum source and granular desiccant are recommended for operation (not included).**

DIMENSIONAL DATA

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
55357-00	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)
55306-00	Stacking Rack, epoxy-coated steel, charcoal in color	5 lbs. (2.3 kg)
55320-00*	Two Shelves, aluminum, 12" (30.5 cm) square, with twelve 7/8" (22 mm) holes	4 lbs. (2 kg)
55321-00*	Desiccant Pan, stainless steel, 11" (27.9 cm) square x 7/8" (2.2 cm) deep	1 lb. (0.5 kg)
55291-00*	Support Stand, epoxy-coated steel wire frame, charcoal in color	2 lbs. (1 kg)

*Provided with Desiccator Cabinet

DIAPHRAGM VACUUM PUMPS

Catalog Number	Pumping Capacity	Vacuum	Vacuum Outlet	Electrical	Shipping Weight
79141-00	42 liters/min	23.8" Hg	1/2" OD	115 Volts, 60 Hz, 3.3 Amps	12 lbs. (5 kg)
79141-01†	35 liters/min	23.8" Hg	1/2" OD	220 Volts, 50 Hz, 1.5 Amps	12 lbs. (5 kg)
79248-00	42 liters/min	23.8" Hg	1/2" OD	115 Volts, 60 Hz, 5.8 Amps, Explosion-Proof	60 lbs. (27 kg)
79248-01†	35 liters/min	23.8" Hg	1/2" OD	220 Volts, 50 Hz, 3.1 Amps, Explosion-Proof	60 lbs. (27 kg)
79171-00	88 liters/min	29.0" Hg	1/2" OD	115 Volts, 60 Hz, 10.8 Amps	27 lbs. (12 kg)
79171-01†	73 liters/min‡	29.0" Hg	1/2" OD	230 Volts, 50/60 Hz, 4.5 Amps	27 lbs. (12 kg)
79249-00	88 liters/min	29.0" Hg	1/2" OD	115 Volts, 60 Hz, 5.8 Amps, Explosion-Proof	71 lbs. (32 kg)
79249-01†	73 liters/min	29.0" Hg	1/2" OD	220 Volts, 50 Hz, 3.1 Amps, Explosion-Proof	71 lbs. (32 kg)

†International electrical configuration

‡at 50 Hz



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