

FreeZone® Small Tray Dryers

Specifications & Ordering Information



- Acrylic door, 1" thick, with silicone gasket and latch
- Overall dimensions: 15.3" w x 18.5" d x 18.1" h (38.25 x 47.0 x 45.8 cm)

Standards conformance & regulations:

- UL Standard 61010-1 (115/230V, 60 Hz models)
- CAN/CSA C22.2 No. 61010-1 (115/230V, 60 Hz models)
- CE Conformity marking (230V, 50 Hz models)

Options include:

- Region-specific electrical plug configurations

All models require (not included):

- FreeZone Freeze Dryer with Lyo-Works OS (not for use with FreeZone Legacy models)
- Vacuum pump with a displacement of at least 98 L/min, 0.007 mBar ultimate pressure and fitting for 3/4" ID vacuum hose. See pages 41-44
- Freeze dry glassware if not bulk freeze drying. See page 50



Application suitability:

- Small to moderate bulk sample loads or numerous sample batches

All models feature:

- Three removable shelves with shelf sensors, each 10.6" w x 12.0" d (26.9 x 30.5 cm) to provide 127.2 square inches of area. Chamber can accommodate two additional shelves (additional shelves sold separately)
- * 200-watt heater on each shelf for heating to +60° C (+140° F). Maintains shelf temperature within 3° C of set point. (Shelves are not cooled by the Tray Dryer)
- Three sensor probes for monitoring sample temperature. Connections for two additional sensors are provided (additional sensors sold separately)
- * System programming is displayed on any FreeZone 2.5, 4.5, 6, 8, 12 or 18 Liter Freeze Dryer (Freeze dryer sold separately. Not for use with FreeZone Legacy models.): Manual or Program mode; probe temperatures in °C or °F, vacuum in mBar, Torr or Pa; segment of the program in progress; time remaining in present segment; end of program; alarms; supply line voltage outside of limits; system temperature variation > ±2° C, vacuum variation > 0.500 mBar; failure to reach system set point temperature and program completed
- * Data logging that displays and stores data in table or graph on FreeZone Freeze Dryers with Lyo-Works OS. (Freeze dryer sold separately. Not for use with FreeZone Legacy models.) Data is exportable via USB or Ethernet
- Vacuum release valve with knob
- Stainless steel and powder-coated steel exterior

* Labconco exclusive feature

Catalog Number	Electrical Requirement	Receptacle & Plug Type
780701000	115V, 60 Hz, 5A	115V, 60 Hz for North America
780701010	230V, 60 Hz, 2.5A	230V, 60 Hz for North America
780701015	230V, 60 Hz, 2.5A	230V, 60 Hz for Saudi Arabia
780701030	230V, 50 Hz, 2.5A	230V, 50 Hz Schuko
780701040	230V, 50 Hz, 2.5A	230V, 50 Hz for China/Australia
780701050	230V, 50 Hz, 2.5A	230V, 50 Hz for Great Britain (UK)
780701070	230V, 50 Hz, 2.5A	230V, 50 Hz for India

Accessories



Heated Shelves with Sensors. 10.6" w x 12.0" d (26.9 x 30.5 cm). Stainless steel shelves include 200-watt heater and temperature probe. FreeZone Small Tray Dryers include three and can accommodate two additional Heated Shelves with Sensors.

Catalog Number	Description	Shipping Weight
730152000	Heated Shelf with Sensor for 115V, 50/60 Hz operation	15 lbs. (7 kg)
730152010	Heated Shelf with Sensor for 230V, 50/60 Hz operation	15 lbs. (7 kg)
736581000	Temperature Probe only	0.5 lb. (0.2 kg)

Authorised distributor

In Australia:

For customer service, call 1300-735-292
To fax an order, use 1800-067-639
To email an order, ordersau@thermofisher.com

In New Zealand:

For customer service, call 0800-933-966
To fax an order, use 0800-329-246
To email an order, ordersnz@thermofisher.com

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