

Freeze Dry - FreeZone 12Liter -84° C Console



Band: Labconco

Model: FreeZone® Console Freeze Dryers

Custodian: Sirapope Wongniam

Location: K639 Room, 6th Floor, Chaloeprakiet Building, Phyathai Campus

Description and Specification:

Maximum Condenser Chamber capacity	12 Liters
Operating Temperature	~-84 °C
Temperature Display Range	+100 °C to -100 °C
Control	Microprocessor
Pump Capacity	163 l/min @ 50 Hz
Pump Maximum Vacuum	1.5 mtorr (2.0 x 10 ⁻³ mbar)
Motor power	880 watt (1,500 RPM)
Amperage	2.4 A

Pump Oil Capacity	1 Liter
Dimensions (H X W X D)	31.8" w x 29.6" d x 36.6" h
Refrigeration Compressor Type	Two 3/4 hp HCFC/CFC-free
Ice Holding Capacity	12 liters
Ice Removal Capacity (in 24 hours)	4 liters
Electrical	230 VAC/50 Hz, 9.0 A
Weight	320 lbs. (145 kg)

Accessories:

Chamber	Type 304 stainless steel
Glassware	Wide-mouth flasks (300 and 900 ml)
Flask Drying	16-Port Stainless Steel Drying Chambers
Tray Drying	Short Clear Chamber
	Aluminum three shelves with 1/4" rims, three stainless steel support rods
	Acrylic cylinder, (Inside 11.5" dia. x 12.4" h (29.2 x 31.5 cm))
Vial Drying	Valve Assembly: Knob & Stem Assembly, Valve Body, Bulkhead Nut, Thrust Washer, Gasket, and Bulkhead Fitting
Adapters	45° bend stainless steel adapter
	3/4" flask top to 3/4" valve*

* Valves on the freeze dryers, drying chambers and manifolds fit adapters with both 1/2" and 3/4" dia