



**PRODUCT NO.: 8432**



**FREEZONE CONSOLE FREEZE DRYER, LABCONCO (12 L, 230 V)  
W 31.8" × D 29.6" × H 36.6"**

**DESCRIPTION:** This Freeze Dryer is designed for lyophilizing moderate to large sample loads or numerous small container batches. The newly integrated Lyo-Works OS provides real time display of information such as the collector temperature, the vacuum level and the end-point detection system (optional), shown on a 5" full color, capacitive touch screen.

**FEATURES:**

- ✔ The upright stainless steel collector coil is capable of holding about 18 L of ice before defrosting
- ✔ The console cabinet has a two-piece, removable front panel with viewing window and also an interior space to fit a vacuum pump
- ✔ The chamber lid is made of a 3/4-in thick clear acrylic material and lined with a neoprene gasket
- ✔ The 5" full color capacitive touch screen has the following:
  - ✔ Vacuum set point, alerts, diagnostic tests, user manual, defrost control
  - ✔ Alerts are programmable to send via Ethernet connection to pre-entered email addresses
  - ✔ Maintenance alert settings include vacuum pump oil change, refrigeration cleaning, total operating hours and line voltage offset
  - ✔ Data logging stores and displays data in table or chart format, and may be exported via USB or Ethernet
  - ✔ Level-specific security lock-out prevents changes to programs and other system parameters
- ✔ Vacuum control valve that maintains vacuum level set point
- ✔ Side mounted USB port and rear-mounted Ethernet connection
- ✔ Internal electrical receptacle for vacuum pump connection

**TECHNICAL SPECIFICATIONS:**

Dimensions, W × D × H (cm / in)	80.8 × 75.2 × 93.0 / 31.8 × 29.6 × 36.6
Weight (kg / lb)	124.7 / 275.0
Electrical	230 V, 60 Hz, 9 A
Plug Type	North America Plug
Vacuum Pump Displacement Required	98 L/min or larger
Collector Temperature (°C / °F)	-50 / -58
Ice Holding Capacity (L)	12
Conformance	CAN/CSA C22.2, UL

**WARRANTY:** 1 year