



FREEZONE[®] PLUS[™] 12 LITER

CASCADE FREEZE DRY SYSTEMS

NEW!



Protecting your
laboratory environment

LABCONCO

FreeZone® Plus™ 12 Liter Cascade Freeze Dry Systems

ORDERING INFORMATION

Specifications:

- Upright stainless steel collector chamber capable of removing 4 liters of water in 24 hours and holding 12 liters of ice before defrosting.
- Two CFC-free and HCFC-free refrigeration systems, used in series, to cool collector to -84° C (-119° F).
- Electric defrost heater and switch.
- Retractable 9" condensate drain hose accessible from the front of the cabinet.
- Epoxy-coated steel cabinet with 3/4" phenolic work surface and four 3" diameter hard rubber casters.
- LCD for display of system vacuum (10⁻³ mBar), collector temperature (°C) and alarm messages.
- LED vacuum and temperature "waves" for at-a-glance display of relative system vacuum and collector temperature.
- Automatic start-up switch for collector cool down and vacuum pull down with manual override switches.
- Includes 3 feet of 3/4" ID vacuum hose and two clamps.
- 3" diameter attachment port for connection of accessories.
- Standard 8 pin DIN recorder jack for user monitoring and logging of analog or digital (RS232) output data such as collector temperature and system vacuum with a remotely-controlled, user-supplied computer.
- Overall dimensions: 36.5" h x 31.9" w x 28" d (92.7 cm x 81 cm x 71 cm).
- CE Mark on all 220/240 volt, 50 Hz models.

Options:

- Purge valve with switch for isolating the vacuum pump from the freeze dry system.
- Teflon®-coated collector chamber and coil for processes involving corrosive compounds.



FreeZone Plus 12 Liter Cascade Freeze Dry System 7960000

Required Accessories include:

- Drying accessory such as 12- or 16-Port Drying Chamber 7522800 and 7522900, Clear Drying Chamber 7867000, Heated Drying Chamber 7521000, 20-Port Manifold 7522300, 48 Port Ampule Manifold 7868500, Stoppering Tray Dryer 7948000 or Bulk Tray Dryer 7806000.
- Vacuum pump with minimum displacement capacity of 150 liters per minute such as Labconco Rotary Vane Vacuum Pump 7739401.
- Freeze dry glassware such as Fast-Freeze® Flasks, Lyph-Lock® Flasks, Ampules, Serum Bottles and Vials.

For complete accessory ordering information, refer to FreeZone Freeze Dry Systems catalog.

Catalog Number	Electrical Requirements (without pump)	OPTIONS INCLUDED		Shipping Weight	Required (Not Included)
		Purge Valve	Teflon-Coated Collector		
7960000	208-230V, 60 Hz, 6.5 A			330 lbs. (150 kg)	<ul style="list-style-type: none"> • Drying chamber, manifold or tray dryer • Vacuum pump with 150 liter/minute or larger displacement • Sample containers • Electrical plug
7960001**	220-240V, 50 Hz, 5.0 A			330 lbs. (150 kg)	Same as above
7960002	208-230V, 60 Hz, 6.5 A		◆	330 lbs. (150 kg)	Same as above
7960003**	220-240V, 50 Hz, 5.0 A		◆	330 lbs. (150 kg)	Same as above
7960010	208-230V, 60 Hz, 6.5 A	◆		330 lbs. (150 kg)	Same as above
7960011**	220-240V, 50 Hz, 5.0 A	◆		330 lbs. (150 kg)	Same as above
7960012	208-230V, 60 Hz, 6.5 A	◆	◆	330 lbs. (150 kg)	Same as above
7960013**	220-240V, 50 Hz, 5.0 A	◆	◆	330 lbs. (150 kg)	Same as above

* Teflon is a registered trademark of E. I. DuPont deNemours.

** International electrical configuration

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