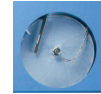


Manual Defrost Enzyme Freezers

Our manual defrost **Forma high-performance, -20°C upright freezers** are designed for storage applications in which even slight intermittent coil warming during auto defrost cycles cannot be tolerated. Models feature gravity convection air systems for maximum temperature stability without blowers or fans.

- Cold wall convection cooling for temperature uniformity
- Manual defrost for optimum control
- Four casters, front two are lockable
- 1" (2.5cm) insulated access port
- Adjustable, epoxy-coated wire shelves are standard (optional drawers)
- TempTest electronic probe/alarm test
- Keyed on/off switch with setpoint security
- Self-closing door with 90° stop
- Built-in remote alarm contacts
- Optional 4-20 milliamp output



Optional, inless, seven day, graphic, chart recorder

Control Panel
Keyed on/off switch with set point security

Microprocessor control system with audio and visual alarms

Bright, digital temperature display

Doors
Spring-loaded, self closing doors with 90° stay-open feature

Lockable doors for added sample security

Smooth, ergonomic handle

Easily accessible inventory system

Forma High-Performance Enzyme Freezers with Manual Defrost

Temperature Range: -20°C (manual defrost)

Cat. No.	Cu.Ft. (L)	Voltage (Hz)	Certification	Amps/ Breaker (Plug)	Cabinet	Door	Shelves	Int. Dimensions*	Ext. Dimensions*	Ship Weight lb (kg)
								H x D x W inches (mm)	H x D x W inches (mm)	
FFEN2320V	23.3	230 (50)	CE	12.0/15 (P7)	upright	single	9	58.0 x 29.0 x 24.0	79.2 x 37.2 x 28.0	425
FFEN2320W	(659)	230 (50)	CE	12.0/15 (P8)				(1473 x 737 x 610)	(2012 x 945 x 711)	(193)
FFEN3020V	29.2	230 (50)	CE	12.0/15 (P7)	upright	single	9	58.0 x 29.0 x 30.0	79.2 x 37.2 x 34.0	445
FFEN3020W	(826)	230 (50)	CE	12.0/15 (P8)				(1473 x 737 x 762)	(2012 x 945 x 864)	(197)

* Published interior volumes are nominal; useable cu.ft. (L) capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.