

Alabama DPH Bureau of Clinical Laboratories: Respiratory Disease

17 Cubic foot Ultralow Freezer, minus 50 to minus 80C must not be wider than 36 inches, equivalent to a 17 Cu ft Thermo-Fisher Isotemp Ultralow freezer Catalogue # 13-990-06

Exterior finish that resists rust and chipping

Must maintain at minus 70C+ 5C

4 or 5 solid stainless steel shelves:

- a. 1 open shelf
- b. Drawer inventory system for the remaining shelves
 - a. Drawers to fit inventory shelving units that accommodate Nalgene 2 inch (81 vial) boxes
- c. Total capacity must hold 300-320 Nalgene 2 inch boxes.
- d. Manual defrosting

Temperature display

1 interior door per shelf

Audible and visible alarm for high and low temperature alarms

Low battery indicator

7 day chart recorder

Handle that ensures compression/complete seal

Programmable controls

Insulated for maximum product protection and low energy usage

Lock for security

Electrical requirements:

Volts: 208/230

Amps: 10.7

Phase 1

Hz: 60

3 prong plug to fit a 6-20R receptacle