

A). Technical Specifications for Deep Freezer (-80 Deg C)**Unit must include:**

- Must include NON-CFC REFRIGERANTS
- 368 ltr capacity Upright, with (2) 1 horsepower compressors
- New latch and handle for ergonomic handling and one hand operation with padlock capability
- Durable Steel interior with Inner doors.
- Down-feed evaporator
- Adjustable solid Stainless Steel shelves
- Triple -sealing silicone door gasket
- 5” non-CFC foamed-in-place polyurethane insulation; 4.5” in door
- Two 10” tube axial fans to provide maximum cooling of the compressor housing
- Heavy-duty dual wheel swivel locking casters.
- Automatic voltage compensator responds to high and low voltages
- Powder coat paint for a durable surface
- Service valves provided to allow easy recovery of refrigerants and field servicing.
- Front to back airflow with Removable, cleanable air filter
- Hinged grill swings out for easy access to filter and battery
- A vacuum relief port allows easy re-entry after door openings
- 4” open x 12” long heavy duty hinge for ensuring positive closure and uninterrupted service

TEMPERATURE CONTROL

- The microprocessor controller must monitor in one degree C increments, with digital display.
- Eye Level Information center for At-a-Glance Monitoring
- Temperature probe must be positioned to insure the alarm sounds before the stored product can be affected by a rise in temperature.
- Battery back-up for the alarm monitoring system
- Both visual and audible alarms must alert operator of over and under temperature, power fail, door ajar, and low battery conditions.
- Dry contacts included for connection to optional remote alarms.
- Optional eye level recorder mounted in the door or optional data logger
- CE certified
- Warranty should be 2 yrs on the system and 4 years on the compressor

Technical Specifications of Deep Freezer -80 (1 qty)

1. Must include NON-CFC REFRIGERANTS
2. Temperature Range -50 to -86 Deg C
3. 368 ltr capacity Upright for storing 24000 2ml vials, with (2) 1 horsepower Compressors
4. New latch and handle for ergonomic handling and one hand operation with padlock capability
5. Durable adjustable Stainless Steel interior shelves with Inner doors.
6. Down-feed evaporator
7. Triple -sealing silicone door gasket
8. 5” non-CFC foamed-in-place polyurethane insulation; 4.5” in door
9. Two 10” tube axial fans to provide maximum cooling of the compressor housing
10. Heavy-duty dual wheel swivel locking casters.
11. Automatic voltage compensator responds to high and low voltages
12. Powder coat paint for a durable surface
13. Service valves provided to allow easy recovery of refrigerants and field servicing.

14. Front to back airflow with Removable, cleanable air filter
15. Hinged grill swings out for easy access to filter and battery
16. A vacuum relief port allows easy re-entry after door openings
17. 4" open x 12" long heavy duty hinge for ensuring positive closure and uninterrupted service
18. The microprocessor controller must monitor in one degree C increments, with digital display.
19. Eye Level Information center for At-a-Glance Monitoring
20. Temperature probe must be positioned to insure the alarm sounds before the stored product can be affected by a rise in temperature.
21. Battery back-up for the alarm monitoring system
22. Both visual and audible alarms must alert operator of over and under temperature, power fail, door ajar, and low battery conditions.
23. Dry contacts included for connection to optional remote alarms.
24. USFDA certified and UL certified for electrical safety. A copy of certificate should be attached
25. Warranty: 2 years on main machine and 4 years on compressor
26. Freezer must be supplied with Racks and boxes for one compartment
27. Minimum 5 performance certificate of the same quoted model must be provided.
28. Demo of the quoted model is required for technical evaluation.