



Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)



(An ISO 9001:2015 Certified Company)



Ice-Lined Refrigerator



PSA-150ILR

Scope of Application

This refrigerator is suitable for pharmacies, pharmaceutical factories, epidemic prevention stations, health centres and hospitals to store Biological products and items which shall be kept under at a temperature of between 2 and 8°C

Innovative Design

- Hydrocarbon energy-saving
- Safe and reliable
- Smart display

Product Advantages



Refrigeration System

- Optimized refrigeration system design
- Cabinet structure designed specifically to maintain 2°C to 8°C for more than 55 hours at 43°C ambient
- HC high-density foam insulation
- Complies with WHO/UNICEF standards Grade A freeze protection to ensure vaccine never freezes in the storage compartment
- Wide ambient temperature range, from 5°C -43°C

Ergonomic Design

- Door lock for storage safety
- Indicator light to show whether compressors on or off status
- Independent temperature data logger to monitor, record and manage temperature records
- Operates within wide voltage range, 172-288 volts

Temperature Control

- Digital solar powered temperature display
- Internal temperature range is 2°C to 8°C



Solar Energy Display Panel

Specifications



Model

PSA-150ILR

| | | | |
|-------------------------------|---|----------|-------------------------------|
| Technical Data | Cabinet Type | | Chest |
| | Ambient Temperature | | 5°C-43°C |
| | Cooling Type | | Direct Cooling |
| | Refrigerant | | HC |
| | Sound Level (dB(A)) | | <40 |
| Performance | Temperature Range (°C) | | 2-8 |
| | Freezer Protection Level | | A |
| Control | Controller | | Microprocessor |
| | Display | | Solar LED temperature display |
| Electrical Data | Power Supply (V/Hz) | | 220-240/50 |
| | Power (W) | | 120 |
| | Electrical Current (A) | | 1 |
| | Power Consumption: stable running (KWh/24h) | | 0.54 |
| | Power Consumption: cool down test (KWh/24h) | | 0.62 |
| | Holdover Time at 43°C | | 60hrs 50mins |
| | Holdover Time at 32°C | | 96hrs 23mins |
| Dimensions | Vaccine Storage Capacity (L/Cu.Ft) | | 122/4.3 |
| | Gross Volume (L/Cu.Ft) | | 150/5.3 |
| | Net/Gross Weight (approx) | kg | 105/140 |
| | | lbs | 231.7/308.9 |
| | Interior Dimensions (W*D*H) | mm | 840*366*560 |
| | | in | 33.1*14.4*22 |
| | Exterior Dimensions (W*D*H) | mm | 1128*717*872 |
| | | in | 44.4*28.2*34.3 |
| | Packing Dimensions (W*D*H) | mm | 1190*770*1080 |
| | | in | 47*30*42.5 |
| Container Load (20'/40'/40'H) | | 26/56/56 | |
| Functions | High/Low Temperature | | Y |
| | Sensor Error | | Y |
| | Foot/Castor | | N |
| Accessories | Baskets | | 3 |
| | Data Logger | | Y |
| | Automatic Voltage Stabilizer | | Optional |
| | Remote Temperature Monitoring Device (RTMD) | | Optional |
| Others | Certification | | CE,WHO/PQS |



ADVANCE BIOTECH SOLUTIONS INDIA PRIVATE LIMITED

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