

-25 ~ +30°C
Medical
Mobile cooler

Model: MDF-25H30,80,700LC



Applications

The medical mobile cooler are specially designed to store and transport blood, serum, plasma, vaccine, reagents and special medicines for epidemic prevention station, blood bank, health center, CDC, animal husbandry bureau, army and pharmaceuticals company.

Features

- Accurate temperature control, the temperature accuracy is 0.1°C.
- Integrated and strong PE body to resist impact and corrosion.
- Smooth and flat surface for easy cleaning.
- 60mm thickness CFC free foam layer to ensure good insulation performance
- High efficiency air cooling system to ensure good temperature uniformity.
- Temperature range: +30°C, +4°C, -25°C (30L&80L), +22°C, +4°C (770L).
- Auto switch cooling and heating system to ensure the inside temperature in all climatic conditions.
- Wide voltage design, able to be used when the voltage is between 187V~242V AC and 12V/24V DC.

Security

- Built-in protective basket to prevent the samples being frozen off by evaporator.
- PC lock for easy operation and good appearance.
- Two power ports for AC/DC connection.
- Equipped with protective fuse to avoid the destruction caused by overcurrent.
- Able to be stacked, saving space.

Optional parts

- Test hole, Water outlet, Data logger, blood basket.



Specifications

| Model No. | MDF-25H30LC | MDF-25H80LC | MDF-25H700LC |
|-----------------------------|-------------------------|------------------|---------------------|
| Performance | | | |
| Temperature Range | -25 ~ +30°C | | +4 ~ +22°C |
| Ambient Temperature | +10~32°C | | |
| Controller | Microprocessor | | |
| Display | Digital Display | | |
| Noise | 45 dB | 46 dB | 50 dB |
| Electrical Data | | | |
| Power Supply | 220V/50Hz (AC), 12V(DC) | | 220V, 12V, 24V |
| Rated Power | 80 W | 100 W | 160 W |
| Electrical Current | 6.5 A (DC) | 8A (DC) | 14A (12V) |
| Power Consumption | 1.2 kWh/24h | 1.6 kWh/24h | 1.8 kWh/24h |
| Refrigeration System | | | |
| Compressor | 1 | | |
| Refrigerant | R134a | | |
| Cooling Type | Forced air cooling | | |
| Defrost Type | No frost design | | |
| Alarm | | | |
| High/Low Temperature | Y | | |
| Power Failure | Y | | |
| Sensor Error | Y | | |
| Controller Error | Y | | |
| Dimensions | | | |
| Capacity | 30 L | 80 L | 700 L |
| Interior Size(W*D*H) | 364×253×352.5 mm | 547×378×369.5 mm | 939×973×863 mm |
| Exterior Size(W*D*H) | 615×370×471.5 mm | 937×565×580.5 mm | 1090×1129.5×1080 mm |
| Package Size(W*D*H) | 670×430×520 mm | 990×630×630 mm | 1140×1190×1150 mm |
| N.t./G.t.(approx.) | 22/26 kgs | 47/55 kgs | 162/185 kgs |
| Accessories | | | |
| Shelf | / | / | 2 |