



MEDICAL REFRIGERATOR LMR-A1 SERIES

Medical Refrigerator LMR-A10

Medical Refrigerator LMR-A10 is an upright type microprocessor-controlled unit, offers 315 L of capacity with 2 to 8°C of temperature range and 5°C of cooling performance. With multi-duct vortex refrigeration system and finned evaporator, features air cooling method and automatic defrost mode with R290 refrigerant. Designed with powder coated materialized housing and HIPS interior with LED lighting and 4+1 shelves has glass door with lock. Equipped with digital display and advanced audible and visual alarm system, it has 7- temperature probes and test port with RS485 interface to facilitate the temperature testing and monitoring.

Medical Refrigerator LMR-A11

Medical Refrigerator LMR-A11 is an upright type microprocessor-controlled unit, offers 395 L of capacity with 2 to 8°C of temperature range and 5°C of cooling performance. With multi-duct vortex refrigeration system and finned evaporator, features air cooling method and automatic defrost mode with R290 refrigerant. Designed with powder coated materialized housing and HIPS interior with LED lighting and 6+1 shelves has glass door with lock. Equipped with digital display and advanced audible and visual alarm system, it has 7- temperature probes and test port with RS485 interface to facilitate the temperature testing and monitoring.

Medical Refrigerator LMR-A12

Medical Refrigerator LMR-A12 is an upright type microprocessor-controlled unit, offers 525 L of capacity with 2 to 8°C of temperature range and 5°C of cooling performance. With multi-duct vortex refrigeration system and finned evaporator, features air cooling method and automatic defrost mode with R290 refrigerant. Designed with spray cold rolled steel plate housing and aluminum plate with spraying interior having LED lighting and 6 shelves has glass door with lock. Equipped with digital display and advanced audible and visual alarm system, it has 7- temperature probes and test port with RS485 interface to facilitate the temperature testing and monitoring.

Features

- ❑ An upright type microprocessor-controlled unit with different large capacities
- ❑ 2 to 8°C of temperature range with 5°C of cooling performance, targeted refrigeration

- ❑ Multi-duct vortex refrigeration system and finned evaporator, uniform temperature
- ❑ Air cooling method and automatic defrost mode with CFC-free refrigerant
- ❑ Easy to clean and low maintenance housing and interiors with LED lighting
- ❑ Adjustable shelves and Glass door with lock, easy and organized storage of samples
- ❑ Digital display, allows convenient setting and monitoring of different parameters
- ❑ Advanced audible and visual alarm system, ensures safe and stable operation
- ❑ 7- temperature probes, high-precision temperature control with low fluctuation
- ❑ Test port with RS485 interface to facilitate the temperature testing and monitoring
- ❑ High-efficient, stable and reliable unit for targeted refrigeration of different samples

Application

Medical Refrigerator is used for storage of biological products, vaccines, drugs, reagents etc., across pharmaceutical factories, hospital, centers for disease prevention and control, clinics etc.

Specifications (LMR-A10 and LMR-A11)

| Model | LMR-A10 | LMR-A11 |
|---------------------|-------------|---------|
| Type | Upright | |
| Capacity | 315 L | 395 L |
| Temperature range | 2°C to 8°C | |
| Ambient temperature | 16 to 32°C | |
| Cooling performance | 5°C | |
| Display accuracy | 0.1°C | |
| Climate class | N | |
| Compressor | 1 pc | |
| Cooling method | Air cooling | |
| Defrost mode | Automatic | |
| Refrigerant | R600a | |

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|--------------------------------------|--|--------------------------------|
| Insulation thickness | R/L: 35 mm B: 52 mm | |
| Controller | Microprocessor | |
| Display | Digital display | |
| Alarm system | High/Low temperature, High ambient temperature, Condenser overheating, Power failure , Low battery, Sensor error, Door ajar, Built-in data-logger USB Failure, Communication failure, Remote alarm | |
| Lighting | LED | |
| Data Logging/Interval/Recording Time | USB/Record every 10 minute / 2 years | |
| Door opening | Front | |
| Door lock with key | Yes | |
| Shelves | 4 +1 (coated steel wire shelf) | 6 +1 (coated steel wire shelf) |
| Casters | 4+ 2 (leveling feet) | |
| Access port | 1 pc Φ 25 mm | |
| External material | Powder coated material | |
| Internal material | HIPS | |
| Power supply | 220 to 240 V 50 Hz | |
| Rated current | 1.35 A | 1.8 A |
| Internal dimension (W×D×H) | 580×533×1122 mm | 580×533×1352 mm |
| External dimensions (W×D×H) | 650×673×1762 mm | 650×673×1992 mm |
| Package size (W×D×H) | 717×732×1785 mm | 717×732×2035 mm |
| Net weight | 87 kg | 95 kg |
| Gross weight | 99 kg | 108 kg |

Specifications (LMR-A12)

| Model | LMR-A12 |
|--------------------------------------|---|
| Type | Upright |
| Capacity | 525 L |
| Temperature range | 2°C to 8°C |
| Ambient temperature | 16 to 32°C |
| Cooling performance | 5°C |
| Display accuracy | 0.1°C |
| Climate class | N |
| Compressor | 1 pc |
| Cooling method | Air cooling |
| Defrost mode | Automatic |
| Refrigerant | R290 |
| Insulation thickness | R/L/B: 55 mm U: 65 mm D: 80 mm |
| Controller | Microprocessor |
| Display | Digital display |
| Alarm system | High/Low temperature, High ambient temperature, Condenser overheating temperature, Power failure , Low battery, Sensor error, Door ajar, Built-in data-logger USB Failure, Remote alarm |
| Lighting | LED |
| Data Logging/Interval/Recording Time | USB/Record every 10 minute / 2 years |
| Door opening | Front |
| Door lock with key | Yes |
| Shelves | 6 (coated steel wired shelf) |
| Casters | 4 (2 casters with brake) |

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|-----------------------------|--|
| Access port | 1pc. Ø 25 mm |
| External material | Spray cold rolled steel plate |
| Internal material | Aluminum plate with spraying/SS (optional) |
| Power supply | 220 to 240 V/50 Hz |
| Rated current | 2.49 A |
| Internal dimension (W×D×H) | 610×685×1264 mm |
| External dimensions (W×D×H) | 720×810×1961 mm |
| Package size (W×D×H) | 780×868×2075 mm |
| Net weight | 148 kg |
| Gross weight | 174 kg |

Standard Accessories

| Accessories no. | Name |
|-----------------|----------------------|
| 1 | RS485 |
| 2 | Remote Alarm Contact |
| 3 | Backup Battery |

Optional Accessories

| Accessories no. | Name |
|-----------------|---------|
| 1 | Printer |