

MEDICAL REFRIGERATOR



MEDICAL REFRIGERATOR

Engineered to meet the demanding requirements of laboratory research. Major feature like forced air circulation system makes this product highly effective and reliable to provide quick freezing. Designed Environment friendly with no ozone-damaging chemicals and space saving with easier cleanability.

REF11-300 2°C-10°C MEDICAL REFRIGERATOR

Microprocessor controller, temperature ranging from +2°C to +8°C, can be set freely, controlling precision 1°C, display accuracy 0.1°C. Room temperature ranging from 0°C to 32°C

Combined with two exact sensors and auto defrost

Audible and visual alarm

Upright type, Exterior made from structural plate, interior made from ABS material, Four units Caster are mounted under the bottom

Two-layer glass door, and inert gas inside. and lockable

Interior fluorescent lighting

Adjustable 4-5 units shelves made of quality steel wire

Forced air circulation system

Highly effective condenser and expansile evaporator to provide quick freezing

Optional: temperature printer or chart recorder



SPECIFICATIONS

| | |
|----------------------|---|
| Model | REF11-300 |
| Capacity | 300 L |
| Temperature Range | 2~8°C |
| Refrigerant | R134a, CFC free |
| Refrigeration System | International famous compressor and Germany EBM fan motor |
| Controller | Microprocessor Control with LCD Displayer |
| Alarms | High & low temperature alarm, Door open alarm, Sensor failure alarm |
| External Size | 590x603x1265 mm |
| Package Size | 675x725x1625 mm |
| Optional Accessories | Remote alarm system |
| Weight | 90/100 Kgs |
| Power | 215W |
| Power Supply | 220V,50/ 60HZ, 110V,50/60HZ |

REF11-520 2°C-10°C MEDICAL REFRIGERATOR

Microprocessor controller, temperature ranging from +2°C to +8°C, can be set freely, controlling precision 1°C, display accuracy 0.1°C. Room temperature ranging from 0°C to 32°C

Combined with two exact sensors and auto defrost

Audible and visual alarm

Upright type, Exterior made from structural plate, interior made from stainless steel,

Four units Caster are mounted under the bottom

Two-layer glass door, and inert gas inside. and lockable

Interior fluorescent lighting

Adjustable 4-5 units shelves made of quality steel wire

Forced air circulation system

Highly effective condenser and expansile evaporator to provide quick freezing

Optional: temperature printer or chart recorder



SPECIFICATIONS

| | |
|----------------------|---|
| Model | REF11-520 |
| Capacity | 520 L |
| Temperature Range | 2~8°C |
| Refrigerant | R134a, CFC free |
| Refrigeration System | International famous compressor and Germany EBM fan motor |
| Controller | Microprocessor Control with LCD Display |
| Alarms | High & low temperature alarm, Door open alarm, Sensor failure alarm |
| External Size | 710x785x1975 mm |
| Package Size | 870x990x2150 mm |
| Optional Accessories | Remote alarm system |
| Weight | 120/140 Kgs |
| Power | 300W |
| Power Supply | 220V,50/ 60HZ, 110V,50/60HZ |

REF11-968 2°C-10°C MEDICAL REFRIGERATOR

Microprocessor controller, temperature ranging from +2°C to +8°C, can be set freely, controlling precision 1°C, display accuracy 0.1°C. Room temperature ranging from 0°C to 32°C

Combined with two exact sensors and one auto defrost sensor.

Audible and visual alarm

Door with heater to prevent ice collect

Upright type, Exterior and interior made from stainless steel, Four units Caster are mounted under the bottom

Two-layer glass door, and inert gas inside and lockable

Interior fluorescent lighting

8 units shelves made of quality steel wire

Forced air circulation system

Highly effective condenser and expansile evaporator to provide quick freezing

One unit of Germany Danfoss compressor and two units EBM fan motor

Standard: Temperature printer

Optional: 7 days inkless graphic temperature recorder



SPECIFICATIONS

| | |
|----------------------|---|
| Model | REF11-968 |
| Capacity | 968 L |
| Temperature Range | 2~8°C |
| Refrigerant | R134a, CFC free |
| Refrigeration System | International famous compressor and Germany EBM fan motor |
| Controller | Microprocessor Control with LCD Display |
| Alarms | High & low temperature alarm, Door AJAR alarm, Sensor failure alarm, Power failure alarm, Low battery alarm |
| External Size | 780x1200x1894 mm |
| Package Size | 885x1300x2165 mm |
| Optional Accessories | Remote alarm system |
| Weight | 120/140 Kgs |
| Power | 700W |
| Power Supply | 220V,50/ 60HZ, 110V,50/60HZ |

REF11-1500 2°C-10°C MEDICAL REFRIGERATOR

Microprocessor controller, temperature ranging from +2°C to +8°C, can be set freely, controlling precision 1°C, display accuracy 0.1°C. Room temperature ranging from 0°C to 32°C

Combined with two exact sensors and auto defrost

Audible and visual alarm

Upright type, Exterior made from stainless steel, interior made from ABS material. Four units lockable Caster are mounted under the bottom

Two-layer glass door, and inert gas inside. and lockable

Interior fluorescent lighting

Adjustable 12 units shelves made of quality steel wire

Forced air circulation system

One unit of Germany Danfoss compressor and two units of EBM fan motor

Highly effective condenser and expansile evaporator to provide quick freezing

Optional: temperature printer or chart recorder, 7 days inkless graphic temperature recorder



SPECIFICATIONS

| | |
|----------------------|---|
| Model | REF11-1500 |
| Capacity | 1500 L |
| Temperature Range | 2~8°C |
| Refrigerant | R134a, CFC free |
| Refrigeration System | International famous compressor and Germany EBM fan motor |
| Controller | Microprocessor Control with LCD Display |
| Alarms | High & low temperature alarm, Door open alarm, Sensor failure alarm |
| External Size | 748x1800x1965 mm |
| Package Size | 920x1950x2140 mm |
| Optional Accessories | Remote alarm system, Chart recorder |
| Weight | 230/260 Kgs |
| Power | 830W |
| Power Supply | 220V,50/ 60HZ, 110V,50/60HZ |

REF11-330 2°C-10°C MEDICAL REFRIGERATOR

Microprocessor controller, temperature ranging from +2°C to +8°C, can be set freely, controlling precision 1°C, display accuracy 0.1°C. Room temperature ranging from 0°C to 32°C

Combined with two exact sensors and auto defrost

Audible and visual alarm: High or low temperature alarm, Door open alarm, Sensor failure alarm

Upright type, Exterior and Interior body made from stainless steel material, Four units Caster are mounted under the bottom

Two-layer glass door, and inert gas inside. and lockable

Interior fluorescent lighting

Adjustable 4-5 units shelves made of quality steel wire

Forced air circulation system

Highly effective condenser and expansile evaporator to provide quick freezing

Optional: Chart recorder



SPECIFICATIONS

| | |
|----------------------|---|
| Model | REF11-330 |
| Capacity | 330 L |
| Temperature Range | 2~8°C |
| Refrigerant | R134a, CFC free |
| Refrigeration System | International famous compressor and Germany EBM fan motor |
| Shelves | Adjustable 4 units steel wire shelves |
| Internal Size | 475x540x1335 mm |
| External Size | 570x642x1940 mm |
| Weight | 100 / 110 Kgs |
| Power | 220 W |
| Power Supply | 220V,50/ 60HZ, 110V,50/60HZ |

REF11-355 2°C-10°C MEDICAL REFRIGERATOR

Microprocessor controller, temperature ranging from +2°C to +8°C, can be set freely, controlling precision 1°C, display accuracy 0.1°C. Room temperature ranging from 0°C to 38°C

Combined with five exact sensors and auto defrost

Functions for compressor safety work when sensor failure

Audible and visual alarm: High or low temperature alarm, Door open alarm, Sensor failure alarm

Back up battery support recorder work and controller display

Upright type, Exterior is steel board with paint, internal body is made of stainless steel, Four units Caster are mounted under the bottom

Two-layer glass door with heater functions, inert gas inside. and lockable

Interior fluorescent lighting with switch control

Adjustable 7 units shelves made of quality steel wire

Forced air circulation system

Highly effective condenser and expansile evaporator to provide quick freezing

With temperature recorder, record 7 days data.

USB functions, can store 3 years data and download

Optional: Chart recorder



SPECIFICATIONS

| | |
|----------------------|---|
| Model | REF11-355 |
| Capacity | 355 L |
| Temperature Range | 2~8°C |
| Refrigerant | R134a, CFC free |
| Refrigeration System | International famous compressor and Germany EBM fan motor |
| Shelves | Adjustable 7 units steel wire shelves |
| Noise Level | 47.6 dba |
| Internal Size | 495x550x1350 mm |
| External Size | 625x616x1960 mm |
| Weight | 190 / 200 Kgs |
| Power | 385 W |
| Power Supply | 220V,50/ 60HZ, 110V,50/60HZ |

REF11-395 2°C-10°C MEDICAL REFRIGERATOR

Front opening lockable door with full height handle

Display accuracy to 0.1°C

Audible and Visual alarms: High and low temperature alarm, Sensor failure alarm, Door open alarm, Power failure alarm and low battery alarm.

Interior is made up of high quality ABS material, Exterior is of high quality structural steel, resistant to corrosion and easy to clean

keyboard lock and password protected to prevent the adjustment of the operating parameters

4 units Casters for easy handling

Equipped with back up battery, could support power for alarm and display system for 72 hours during power failure

2-layer glass door with heater to prevent from condensation, especially efficient in the area with high humidity.

Standard with USB interface for temperature data download



SPECIFICATIONS

| | |
|----------------------|--|
| Model | REF11-395 |
| Capacity | 395 L |
| Temperature Range | 2~8°C |
| Refrigerant | R600a |
| Refrigeration System | Huayi Compressor |
| Defrost Method | Auto Defrost |
| Controller | Microprocessor Control with LCD Display |
| Compressor | Huayi Compressor |
| Insulation | 110 mm |
| Shelves | Adjustable 5 shelves +1 (Storage basket) |
| Internal Size | 550x540x1415 mm |
| External Size | 650x697x1815 mm |
| Weight | 140 / 146 Kg |
| Power Supply | 220V,50/ 60HZ, 110V,50/60HZ |

REF13 2°C-8°C MEDICAL REFRIGERATOR

- Permanently lubricated cooling fan for safety and longevity
- Forced- air cooling with optimized air distribution system designed to achieve maximum temperature uniformity and stability
- Optimized refrigeration system design for more effective cooling and Speedy recovery
- Temperature variation within $\pm 3^{\circ}\text{C}$
- Temperature adjustment with an increment of 0.1°C
- Optimized space utilization design with multi-level and adjustable shelf height to accommodate storage requirement
- Safety lock to prevent unauthorized access
- Caster design and leveling legs
- Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light
- Capable of alerting failures due to high and low temperature sensor error, door ajar , power failure and low battery



SPECIFICATIONS

| Model | REF13-60 | REF13-236 | REF13-315 | REF13-415 |
|----------------------|---|--|---|-------------------|
| Capacity | 60 L | 236 L | 315 L | 415 L |
| Temperature Range | 2~8°C | | | |
| Ambient Temperature | 10~32°C | | | |
| Refrigerant | R600a | R134a | R600a | |
| Defrost Method | Auto Defrost | | | |
| Controller | Microprocessor Control with digital Display | | | |
| Cooling Type | Forced air cooling | | | |
| Sensor | NTC | | | |
| Alarms | High/low temperature, Power failure, Thermostat failure, Door ajar | | | |
| Shelves | Shelves/2 | Shelves/4 | Shelves/5 | |
| Noise Level | 50 dB | 46 dB | 50 dB | |
| Internal Size | 400x415x447 mm | 500x420x1090 mm | 540x425x1380 mm | 685x429x1380 mm |
| External Size | 480x450x535 mm | 580x560x1785 mm | 640x582x1880 mm | 780x580x1920 mm |
| Package Size | 555x505x610 mm | 730x675x1915 mm | 710x655x1960 mm | 880x640x2100 mm |
| Accessories | Foot, 1/Glass/Low-E (outer door/type), Door Lockx1, Test hole 1/25mm, LED lamp, Power failure backup system(alarm) 8h | Foot, caster, outer doorx1, Door Lockx1, LED lamp, Power failure backup system(alarm) 8h | Foot, 1/Glass/Low-E (outer door/type), Door Lockx1, Test hole 1/25mm, LED lamp, Power failure backup system(alarm) 8h, USB(download temperature record), remote alarm port, door heater, high ambient temperature alarm, low battery alarm, Condenser failure alarm | |
| Optional Accessories | USB port, Temperature recorder, Remote alarm port, RS232/485 port | USB port, Temperature recorder, Remote alarm port, RS232/485 port, Test hole | Temperature recorder, RS232/485 port, Test hole | |
| Weight | 22/24 kg | 63/65 kg | 92.5/100 kg | 120/133 kg |
| Input/Average Power | 1.2 kWh/24hrs | 2.56 kWh/24hrs | 1.64 kWh/24hrs | 2.37 kWh/24hrs |
| Power | 87 W | 254 W | 226 W | 175 W |
| Power Supply | 220/ 50Hz, 0.62 A | 220/ 50Hz, 1.15 A | 220/ 50Hz, 1.03 A | 220/ 50Hz, 1.26 A |

| Model | REF13-656 | REF13-1006 | REF13-1500 |
|-------|-----------|------------|------------|
|-------|-----------|------------|------------|

| | | | |
|----------------------|---|-------------------|--|
| Capacity | 656 L | 1006 L | 1500 L |
| Temperature Range | 2~8°C | | |
| Ambient Temperature | 10~32°C | | |
| Refrigerant | R600a | | R134a |
| Defrost Method | Auto Defrost | | |
| Controller | Microprocessor Control with digital Display | | |
| Cooling Type | Forced air cooling | | |
| Sensor | NTC | | |
| Alarms | High/low temperature, Power failure, Thermostat failure, Door ajar | | |
| Shelves | Shelves/10 | | Shelves/12 |
| Noise Level | 52 dB | 53 dB | 55 dB |
| Internal Size | 1100x454x1325 mm | 1100x684x1325 mm | - |
| External Size | 1220x642x1885 mm | 1220x872x1885 mm | 1800x775x1965 mm |
| Package Size | 1335x715x2050 mm | 1330x940x1970 mm | 1910x855x2155 mm |
| Accessories | Caster, 2/Heating glass door with automatic rebound, Door Lockx2, Test hole 1/25mm, LED lamp, Power failure backup system(alarm) 8h | | Caster, 1/Glass door, Door Lockx3, LED lamp, Power failure backup system(alarm) 8h |
| Optional Accessories | Temperature recorder, USB port, RS232/485 port, Remote alarm port | | Temperature recorder, RS232/485 port, Test hole, Remote alarm port |
| Weight | 158/188 kg | 207/237 kg | 170/190 kg |
| Input/Average Power | 5.75 kWh/24hrs | 6.23 kWh/24hrs | 8 kWh/24hrs |
| Power | 310 W | | 1110 W |
| Power Supply | 220/ 50Hz, 1.7 A | 220/ 50Hz, 1.75 A | 220/ 50Hz, 3.8 A |



REF13-60



REF13-236



REF13-315



REF13-415



REF13-656



REF13-1006



REF13-1500

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