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Model Variations

- Plus Cloud 150 R – Solid Door
- Plus Cloud 150 R/G – Glass Door
- Plus Cloud 150 R/DT – Solid Door, with hot gas defrost
- Plus Cloud 150 R/GDT – Glass Door, with hot gas defrost



MATOS Plus Cloud 150 R/G

The Matos® Plus Cloud fridge series is a new range of purpose built Medical and Vaccination Refrigerators utilising patented technology. The cabinet and componentry have been specially designed for use in the Medical field.

Built-In Monitoring capability

Continuous temperature monitoring with sms and email alerts ensures a robust complete monitoring record of your product (See over the page) – even with loss of power.

Thermostat Override

The patented Matos® control system ensures that in the event of a controller failure, Matos® steps in and will keep the fridge within the optimum temperature range.

Lock Fitted as Standard

Maintains security and ensures the unit can only be opened by authorised personnel.

Solid or Glass Door Options

Most models come with solid or glass door options enabling you to select the format which best suits your requirements.

Auto Defrost

The advanced controller initializes a regular defrost sequence to decrease the chance of ice build-up while maintaining the temperature below 8°C. Matos® Plus Cloud fridges can also be ordered with a gas defrost capability.

Energy Efficient

Matos® Plus Cloud fridges are more energy efficient and kinder to the environment, meaning the running costs of the refrigerator are kept as low as possible.

3 Year Extended Warranty

When serviced by an approved service technician, the warranty is extended to 3 years.

Specifications

| | | | |
|------------------------|----------------------------------|--------------------------------|--|
| Capacity | 150L | Air convection | Forced Air |
| Dimensions External | 620w x 860h x 800d | Temperature range | 0°C – +10°C |
| Dimensions Internal | 520w x 660h x 420d | Controller | Microprocessor with external LCD graphic display |
| Max shelf workload | 10kg | Interior | Aluminium (s/steel optional) |
| Max unit workload | 30kg | Housing | Powder coated sheet (s/steel optional) |
| Door | Solid/Glass option | Temperature resolution | 0.1°C |
| Weight | 48kg | Temperature fluctuation at 4°C | +/- 0.5°C |
| Shelves fit/max | 3/4 | Voltage 50/60Hz | 115/230V |
| Gas defrost | Optional | Interface Port | RS232 |
| Web monitoring | Yes | LAN connection | RJ45 ethernet |
| DAQ battery type (x 2) | 12V sealed lead acid (12V 3.5Ah) | Door Open Alarm | Yes |
| Refrigerant | R1234 | Access Port | Yes |
| Refrigerant amount | 62 grams | Internal light | Yes |
| Castors | Optional | Remote Alarm Contacts | Yes |
| Power | 170W | Door Lock | Yes |

Take a look at the Matos® demonstration site.

www.matosmonitoring.com using the following login:

Username: matosdemo1 / Password: matosdemo1

Matos® Monitoring is a web-based, automatic temperature monitoring system, enabling direct access to your fridge temperatures and records, anywhere at any time.



Dedicated Server

Matos® Monitoring features a dedicated off site secure server ensuring fast access speeds when information is critical.

SMS Alerting

Temperature excursions and status alarms are sent via text message within seconds.

Ease of Access

Access fridge temperatures and statuses from any web-capable device such as a computer, smartphone and tablet.

Clear Concise Information

See temperature history and fridge status at a glance with easy to read colour coded indicators.

Full Alert History

Complete alert history makes audit trails a breeze. See who has responded and action taken with the click of a button.

Wireless Capability

Internet connection via wired or secure wireless network.

Automatic and Custom Reports

Get reports delivered direct to your email inbox or create custom PDF reports for any period.

Robust Database

Double backup and RAID system ensures data is kept safe and secure for 10 years plus.

Battery Backup

With Matos® smart compact UPS built into the fridge the temperature monitoring will continue during a power failure, ensuring an uninterrupted temperature log. (Backup time up to 13 hours).

Automatic battery maintenance and smart-charging cycle ensures maximum battery life.

Outgoing Communication Only

As there are no incoming connections to the monitoring device the network security of your business is never compromised.

Self Reporting/Analysing

Self monitored device ensures any hardware problems are reported to the user ensuring quick response.