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## Model Variations

Cloud 1460 R/DT – Solid Door, with hot gas defrost  
 Cloud 1460 R/GDT – Glass Door, with hot gas defrost



MATOS Plus Cloud 1460 R/GDT



## Specifications

|                        |                                  |                                |  |
|------------------------|----------------------------------|--------------------------------|--|
| Capacity               | 1460L                            | Air convection                 | Forced Air                                       |
| Dimensions External    | 1450w x 1970h x 950d             | Temperature range              | 0°C – +10°C                                      |
| Dimensions Internal    | 1340w x 1460h x 750d             | Controller                     | Microprocessor with external LCD graphic display |
| Max shelf workload     | 30kg                             | Interior                       | Aluminium (s/steel optional)                     |
| Max unit workload      | 300kg                            | Housing                        | Powder coated sheet (s/steel optional)           |
| Door                   | Solid/Glass option               | Temperature resolution         | 0.1°C  |
| Weight                 | 200kg                            | Temperature fluctuation at 4°C | +/- 0.5°C  |
| Shelves fit/max        | 2 x 3/11                         | 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            | R404A                            | Access Port                    | Yes  |
| Refrigerant amount     | 0.27kg                           | Internal light                 | Yes  |
| Castors                | Yes                              | Remote Alarm Contacts          | Yes  |
| Power                  | 550W                             | Door Lock                      | Yes  |

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.

### CCTC / QCPP Certified

CCTC and QCPP Approved Vaccine Pharmacy Graded Refrigerator.

Take a look at the Matos® demonstration site.

[www.matosmonitoring.com](http://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.