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

## Model Variations

Plus Cloud 85 F – Solid Door



MATOS Plus Cloud 85 F

### 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.

### Lock Fitted as Standard

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

### Interior Finish

All Matos® Plus Cloud freezers come with a high quality stainless steel interior and use polyurethane foam thermal insulation.

### 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.

### Energy Efficient

Matos® Plus Cloud freezers are more energy efficient and kinder to the environment, meaning the running costs of the freezer 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               | 85L                              | Air convection                   | Natural  |
| Dimensions External    | 610w x 880h x 650d               | Temperature range                | -25°C to 0°C                                     |
| Dimensions Internal    | 420w x 590h x 400d               | Controller                       | Microprocessor with external LCD graphic display |
| Max shelf workload     | 10kg                             | Interior                         | Stainless Steel                                  |
| Max unit workload      | 30kg                             | Housing                          | Powder coated sheet (s/steel optional)           |
| Door                   | Solid                            | Colour                           | Silver/Grey                                      |
| Weight                 | 60kg                             | Temperature accuracy             | 1°C  |
| Shelves fit/max        | 2/4                              | Temperature fluctuation at -10°C | +/- 0.4°C  |
| Web monitoring         | Yes                              | Interface Port                   | Yes  |
| DAQ battery type (x 2) | 12V sealed lead acid (12V 3.5Ah) | LAN Connection                   | Yes  |
| Refrigerant            | R404A                            | Door Open Alarm                  | Yes  |
| Refrigerant amount     | 0.095kg                          | Access Port                      | Yes  |
| Castors                | No                               | Internal Light                   | No   |
| Power                  | 200W                             | Remote Alarm Contacts            | Yes  |
| Voltage 50/60Hz        | 115/230V                         | Door Lock                        | Yes  |

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.