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The Matos® Plus Cloud Cooled Incubators are a new range of purpose built Medical and Vaccination Chambers utilising patented technology. The cabinet and componentry have been specially designed for use in the Medical field.

Model Variations

Specifications

Power

Plus Cloud 68 S – Solid Door Plus Cloud 68 S/G – Glass Door



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 cooled incubators 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.

Energy Efficient

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

3Year Extended Warranty

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

Yes

Air convection Forced Air Capacity **Dimensions External** 570w x 600h x 680d Temperature range +3°C - +40°C Dimensions Internal 470w x 430h x 300d Microprocessor with external Controller LCD graphic display Max shelf workload 10kg Interior Aluminium (s/steel optional) 20kg Housing Max unit workload Powder coated sheet (s/steel optional) Solid/Glass option Temperature resolution Door +/- 0.3°C Weight 30kg Temperature fluctuation at 4°C Shelves fit/max 2/2 115/230V Voltage 50/60Hz Gas defrost Interface Port RS232 Optional RJ45 ethernet Web monitoring LAN connection 12V sealed lead acid (12V 3.5Ah) DAQ battery type (x 2) Door Open Alarm Yes RI34A Access Port Refrigerant Yes 0.056kg Internal light Yes Refrigerant amount Remote Alarm Contacts Castors Optional Yes

Door Lock

160W

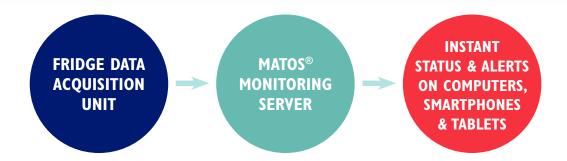


Take a look at the Matos® demonstration site.

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.