matos® | Plus Cloud combo

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The Matos® Plus Cloud fridge & freezers are 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.

Model Variations

Matos® Plus Cloud 150CR / 85CF – Solid Doors
Matos® Plus Cloud 150CR/G / 85CF – Glass Door Fridge

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.

Locks 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.

Fridge 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.

5 Year Extended Warranty
When serviced by an approved service technician, the warranty is extended to 5 years - Parts Only.

Specifications

Capacity	Fridge: 150L / Freezer: 85 L	Air convection	Fridge: Forced Air / Freezer: Natural
Dimensions External	620w x 1745h x 650d	Temperature range	Fridge: 0°C – +10°C / Freezer: -25°C – 0°C
Dimensions Internal	Fridge: 520w x 660h x 420d Freezer: 420w x 590h x 395d	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	Fridge: 0.1°C / Freezer: 1°C
Weight	108kg	Temperature fluctuation	Fridge: +/- 0.5°C / Freezer: +/- 0.4°C
Shelves fit/max	Fridge: 3/4 / Freezer: 2/4	Voltage	115/230V 50/60Hz
Gas defrost	Optional	Interface Port	RS232/USB
Web monitoring	Yes	LAN connection	RJ45 ethernet
Backup battery	12v sealed lead acid (12V 3.5Ah)	Door Open Alarm	Yes
Refrigerant	R134A	Access Port	Yes
Refrigerant amount	Fridge: 0.065kg / Freezer: 0.095kg	Internal light	Fridge: Yes / Freezer: No
Castors	Optional	Remote Alarm Contacts	Yes
Power Use	Fridge: 170W / Freezer: 200W	Door Lock	Yes

New Zealand: Patent 596323 | Australia: Patent 2012336431 | Europe: Patent 12846969.9
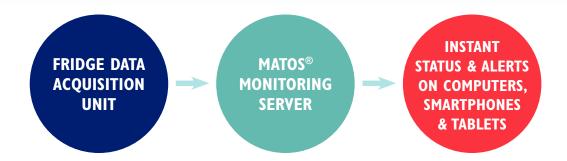
matos®. | monitoring

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.

FRIDGE DATA ACQUISITION UNIT → **MATOS® MONITORING SERVER** → **INSTANT STATUS & ALERTS ON COMPUTERS, SMARTPHONES & TABLETS**

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.