=matos® | Plus Cloud 300 F

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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

Cloud 300 F – Solid Door
Cloud 300 F/G – Glass Door

MATOS Plus Cloud 300 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® Cloud freezers are more energy efficient and kinder to the environment, meaning the running costs of the freezer 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	310L	Air convection	Natural
Dimensions External	760w x 1730h x 800d	Temperature range	-35°C – 0°C
Dimensions Internal	520w x 1120h x 520d	Controller	Microprocessor with external LCD graphic display
Max shelf workload	10kg	Interior	Stainless Steel
Max unit workload	80kg	Housing	Powder coated sheet (s/steel optional)
Door	Solid/Glass option	Colour	Silver/Grey
Weight	185kg	Temperature accuracy	1°C
Shelves fit/max	3/6	Temperature fluctuation at -10°C	+/- 0.7°C
Web monitoring	Yes	Interface Port	Yes
DAQ battery type (x 2)	12V sealed lead acid (12V 3.5Ah)	LAN Connection	Yes
Refrigerant	R290	Door Open Alarm	Yes
Refrigerant amount	0.3kg	Access Port	Yes
Castors	No	Internal Light	No
Power	470W	Remote Alarm Contacts	Yes
Voltage 50/60Hz	115/230V	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 36 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.