matos® ARIA | Cloud 300 R

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The MATOS® Aria Cloud fridge series is a new range of cost-effective European-built Medical and Vaccination Refrigerators utilising patented technology while also featuring the latest technology in controllers and compressors for accurate temperature stability.

Model Variations

MATOS Aria Cloud 300 R – Solid Door
MATOS Aria Cloud 300 R/G – Glass Door

MATOS Aria Cloud 300 R/G

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.

Advanced Controller

Featuring the Carel soft touch controller - accurate to 0.1°C with min/max readings at the touch of a button.

Lock Fitted as Standard

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

Cost-Effective

Built with a High Impact Polystyrene Interior to provide a robust and in-expensive range of refrigerators.

Solid or Glass Door Options

Solid or glass door options enabling you to select the format which best suits your requirements. Glass doors are double glazed, toughened safety-glass with argon gas between panels for better insulation.

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.

Extended Warranty

Standard 12 month warranty however an extended warranty option is available subject to Terms and Conditions

Specifications

Capacity	269L Net / 290L Gross	Power usage	Solid 2.9kW Glass 3.6 kW / 24 hours
Dimensions external	597w x 645d x 1700h	Air convection	Fan assisted
Dimensions internal	505w x 462d x 1355h	Operating range	1°C to +10°C
Door	Solid and Glass available Reversible	Controller	Microprocessor with external LCD graphic display
Weight	Solid 65kg / Glass 74kg	Interior/Exterior	(HIPS) High impact polystyrene
Shelves fitted	6	Temperature resolution	0.1°C
Castors	2 wheels rear, 2 adjustable feet front	Temperature fluctuation at 4°C	+/- 0.5°C
Internal light	Yes	Refrigerant	R134A
Door Open Alarm	Yes	Power	230V / 50Hz

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.