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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.

## 6 Year Extended Warranty

The warranty is extended to 6 years on Parts Only subject to Terms and Conditions.

## Specifications

Capacity	269L Net / 290L Gross	Power usage	Solid 2.9kW Glass 3.6 kW / 24 hours
Dimensions external	595w x 640d x 1640h	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

# matos® | monitoring

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.