

ROTAID™
AED CABINETS

SYLLABUS

Rotaid Core values

At Rotaid our mission is clear...

“We will become the global symbol for a life saving defibrillator.”

To accomplish this our products and company lean on our 3S principles:



Swift

Every second counts during a cardiac arrest. Therefore our products are quickly found, timesaving when used and can be installed at venues to make a difference.



Simple

If everyone is to use a defibrillator and help, our cabinets should be intuitive, comforting, uncomplicated and reassuringly simple.



Sustainable

By using state-of-the-art technology and recycled materials our products meet the highest standards when it comes to environmental and social responsibility.

"Rotaid's inspiration stems from the life buoy, recognising its simple yet vital characteristic:

its purpose and application are universally understood."



Rotaid Quality

Rotaid™ AED Cabinets underwent rigorous testing to ensure defibrillator storage quality in diverse indoor and outdoor environments.

The program simulated extreme weather, evaluated storage demands and public use, and addressed new AED manufacturer requirements for connectivity. Leveraging experience from over 85,000 installations, **Rotaid has set a new global standard**. This report summarizes the tests and results, detailing their importance.

Eurofins, a global leader in scientific services with over 200,000 validated methods, and its subsidiary EAG Laboratories, with 40 years of materials testing experience, objectively confirmed the quality of Rotaid's solutions.



IP56
Ingress Protection



IK10
Impact Protection



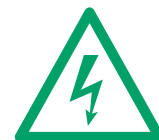
-20 Celsius
Frost Protection



Double UV protection



Salt-mist protection



Safe 24 Volt operation



GDPR compliant



EU-MDR compliant



CE compliant

Comparison Table



**Rotaid
Solid Plus
Alarmed**



**Rotaid
Solid Plus Heat
Alarmed**



**Rotaid
24/7**

Appliance

- For indoor usage
- For outdoor usage (no frost)
- For outdoor usage (with frost)



Quality Standards

- IP56
- IK10
- Salt mist protection
- UV protection
- No WiFi / mobile signal interference
- Frost protection up to -20 Celsius



Functionalities

- Audible alarm system
- Heating system
- LED Lighting system
- Visual alarm system



Rotaid Smart Services

- AED self-test failure detection
- Responder alert system
- AED presence detection
- Cabinet opening/closing detection
- GPS localisation
- Management of expiry dates of AED and accessories
- Web-based management portal
- SMS / Email notification system
- Integrated SIM-Card with Global connectivity





Rotaid™

24/7

Rotaaid 24/7

Product sheet

The Rotaaid 24/7 AED cabinet combines robust protection with advanced, smart and remote monitoring technology, ensuring your AED is always accessible and ready for usage. It can be placed in indoor and outdoor environments to maximise the reach of your life-saving equipment.

Its distinctive round shape and recognisable LED lighting, make it highly visible and findable, during day and night. The transparent cover comes with a large AED-logo, 4 directive and highlighted arrows for guidance and 8 indents for maximum grip in all weather conditions.

A quick and intuitive twist is all that is needed for superfast and light access to the lifesaving equipment. An adjustable audible and visible alarm system alerts bystanders and protects your investment.

Built for extreme durability, its rock-solid construction withstands harsh weather conditions, offers sturdy impact protection, and its heating system protects the AED from frost up to -20°C. Its industry leading ingress protection of IP56 offers the best possible protection from water, salt-mist and dust.



The Rotaaid 24/7 cabinet has its own, build-in, SIM card that offers reliable, global connectivity via both 2G and 4G (CAT-M1) networks.



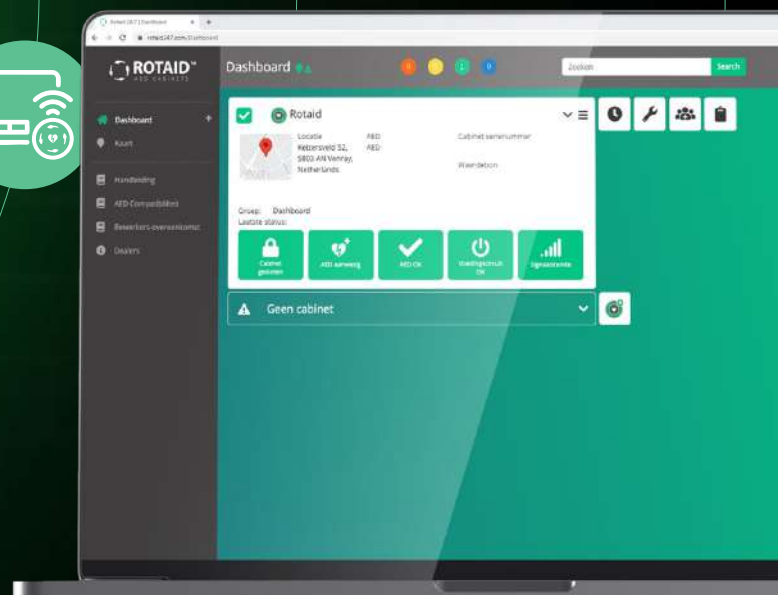
The GPS antenna automatically registers and maps its position on Google maps and detects and alerts when the cabinet moves to a new location.



Save more lives with Rotaid 24/7

With **Rotaid Smart Services**, the 24/7 cabinet adds **advanced remote monitoring services** that watch over your life saving system constantly and alerts you within a matter of seconds when the system is in use, needs maintenance or requires your immediate attention.

Via this technology, your life saving AED is always rescue ready when needed in case of an emergency.



Key features



24/7 Remote monitoring of AED and Cabinet

The cabinet's advanced, proven and validated technology immediately detects a self-test failure of your AED, the expiration dates of its electrodes and battery and its service needs. It further detects the removal (and return) of the AED from the cabinet and the opening (and closing) of the cabinet. The GPS system marks and maps the location of your life saving equipment.



Customization

Personalize your cabinet's colour and alarm settings to your preferences, branding or environment. Enhance your AED with remote monitoring capabilities. Customize at any time and as often as you prefer.



Web-based Management Portal and Access

Monitor and manage your AED status anytime and anywhere via the on-line monitoring system and receive notifications from your network of life-saving equipment. Manage service and maintenance requirements, download reports, change and adapt your network and manage your team of responders.



Real-Time Notifications

Receive instant alerts to stay informed about your network's status, both in your portal, via e-mail or SMS, regardless of what communication device you prefer. Determine a group of notification recipients per individual or group of cabinets, to ensure a fast, effective and instant response.



Multi-User Access

Grant different users access to monitor and manage your AED and create, change and adapt your life-saving teams with a touch of a button.



API Integration

Seamlessly connect with your existing systems for automated information delivery or to an external source of your AED program.

Rotaid™ 24/7

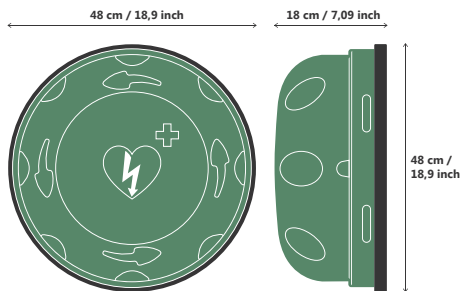
Spec sheet

Application

For indoor and outdoor usage

Dimensions

Length	: 48 cm	18,9 inch
Width	: 48 cm	18,9 inch
Depth	: 18 cm	7,09 inch
Weight	: 4 kg	8.82 lb



Backplate

- 100% Polycarbonate, UV stabilised, carbon fiber finish
- Watertight rubber seal for power cord wiring
- ABS Mounting block for AED placement
- 4 recessed mounting holes for fixation to structure
- Solid steel hook attached to hold tag or seal
- Printed installation guidance and instructions

Cover

- 100% Polycarbonate, double UV coated, green transparent colour, IR-protection layer
- Centered white ILCOR AED logo
- 4 directive arrows for user guidance
- 8 indents provide grip for opening
- Coin sized, lower power magnet for alarm triggering

Compatibility

Please scan the QR code below to verify AED compatibility or go to: www.rotaid.com/aed-compatibility



Quality

Ingress Protection	: IP56	Standard : IEC 60529
Impact Resistance	: IK10	Standard : IEC 62262
Salt Mist Test	: Passed	Standard : IEC 60068-2-52
Signal Interference	: No interference with 2G/3G/4G/5G / WiFi / Bluetooth	
AED Frost Protection	: -20 degrees Celsius	
Testing body	: Eurofins	
CE Certified	EN60601-1-1 / EN60601-1-2:2015 Ed4 / EN55011:2009 + A1:2010 / EN61000-4-2 / EN61000-4-3 / EN61000-4-4 EN61000-4-5 / EN61000-4-6 / EN61000-4-7 / EN61000-4-8 / EMC-directive 2014/30/EU	
Testing body	: BICON Laboratories	

Electrical

Electrical Safety	: Test passed according to IEC 60335-1
Heating System	: 92W total power / automated thermostat
Transformer unit	: 90W AC-DC Industrial Adaptor – MeanWell
Input transformer unit	: 100 – 240 V, 2,5 A (2,5 A), 50-60 Hz
Output transformer unit	: 24Vdc, 5A (5 A)
Dimensions transformer	: 145 x 60 x 32 mm (L x W x H)

Safety Standards transformer

- UL60950-1 / CSA C22.2 / TUV EN60950-1 / BSMI CNS 14336 / CCC GB4942 / PSE J60950-1
- AS/NZS 60950.1 / BIS IS 13252 / KC K60950 / EAC TP TC 004 / SIRIM MS IEC60950

Communication

Network	: 2G, 4G (LTE-M, CAT-M1), global coverage
GPS	: GPS antenna, true signal
Alarm	: 84dB or 98dB, measured at 1 meter from speaker

Packaging

All fastening materials, installation template and manual included.
Box size 50 x 50 x 40 centimeters (19.7 x 19.7 x 15.75 inches), FSC certified, 100% recycled carton.

