

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



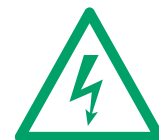
-20 Celsius
Frost Protection



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™

Solid Plus Heat Alarmed

Rotaid Solid Plus Heat Alarmed

Product sheet

The Rotaid Solid Plus Heat Alarmed is a highly robust and durable AED wall cabinet that ensures a recognisable, solid and sustainable storage of your AED device in an outdoor environment.

The characteristic round shape and design make it easy to be found and just a quick twist is needed to gain full access to the AED. The cover comes with AED logos and directive arrows to leave no room for interpretation.

The cabinet can be opened in just a few seconds by an intuitive twist that removes the whole cover. The responder has full access to the AED for a quick and easy grab. The cover is attached to the back plate via a belt and needs no further attention after opening. A stainless steel hook, attached to the bottom of the cabinet, can hold a seal, tag or other appliance.

The cover, equipped with recesses for an optimal grip and directive arrows, is made from 100% Polycarbonate.

It offers a solid protection and ensures a high grade of water- and dust resistance. The cover is fitted with UV filters to ensure long lasting transparency. Appearance decay, rust and accumulation of residue are excluded.





- 1. Holding bracket for AED
- 2. Audible alarm system
- 3. 8 LEDs for maximum findability and visibility during all hours of the day
- 4. Automated heating system
- 5. Solid steel hook
- 6. 100% UV-stabilised polycarbonate plastics (recycled), carbon look finish

Fully automated heating system for frost free AED storage up to -20 degrees Celsius or -5 Fahrenheit

The tailor made heating system ensures that the AED remains within its operational temperature range during frost. 8 LED lights make sure the cabinet can be found quickly in the dark. The whole system operates fully automatic and comes with an easy installation.

All the materials are tested in the outdoors and provide a long lasting protection of both AED and cabinet. The cabinet is protected by an audible alarm system.

Industry leading quality standards

IP56	Protected from limited dust ingress and protected from heavy seas or powerful water jets.
IK10	Protected against a 20 joules impact providing the most solid construction possible.
UV	Double UV-filters and stabilisers ensure a long-lasting quality appearance.
Salt mist	Fully protected and resistant to corrosion due to salt mist spray.
Interference	No interference with WiFi, Bluetooth or mobile communication protocols to allow for storage of a connected device.
Frost protection	Frost protection for the AED up to -20 degrees Celsius or -5 Fahrenheit
Tested by experts	All standards were tested and certified by testing body Eurofins (www.eurofins.com)



Rotaid Solid Plus Heat Alarmed

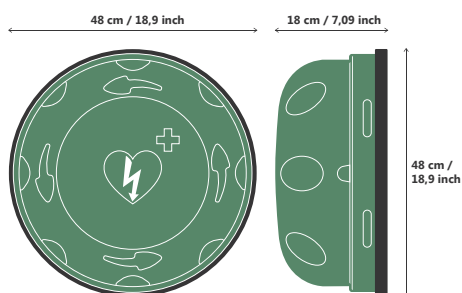
Spec sheet

Application

For outdoor usage

Dimensions

Length	: 48 cm	18,9 inch
Width	: 48 cm	18,9 inch
Depth	: 18 cm	7,09 inch
Weight	: 3,2 kg	7,05 lb



Backplate

- 100% Polycarbonate, UV stabilised, carbon fiber finish
- Watertight rubber seal for power cord wiring
- ABS Mounting block and shelf 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 coating
- Centered white ILCOR AED logo
- 4 directive arrows for user guidance
- 8 indents provide grip for opening
- Coin sized, low power magnet for alarm triggering

Heating system

Fully automated heating- and operating system
8 LEDs for illumination
24Volt power source
Low power consumption
CE Certified : NEMKO, NO75757

Compatibility

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



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

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	

Modularity

Compatible with all AED brands and type.

Upgrade possible with Rotaid 24/7 connectivity module.

Permanent power source required.

Packaging

All fastening materials, installation template and manual included.
Transformer unit, cabling and connector set included.
Box size 50 x 50 x 25 centimeters (19.7 x 19.7 x 9.84 inches).
FSC certified, 100% recycled carton.



