ROTAID™

AED CABINETS

SYLLABUS **2025**

01.100.04

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."

Contents

Product information

Rotaid Core values
Pag. 2

Rotaid Quality
Pag. 4

Comparison Table
Pag. 5

Accessories

Rotaid - Backboard
Pag. 22

Rotaid - Totem
Pag. 24

Revision number:
01.100.03

Products

Rotaid - 24/7
Pag. 6



Rotaid - Solid Plus Alarmed
Pag. 11



Rotaid - Solid Plus Heat Alarmed
Pag. 16



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



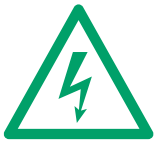
-20 Celsius
Frost Protection



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

Rotaid 24/7
Product sheet

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

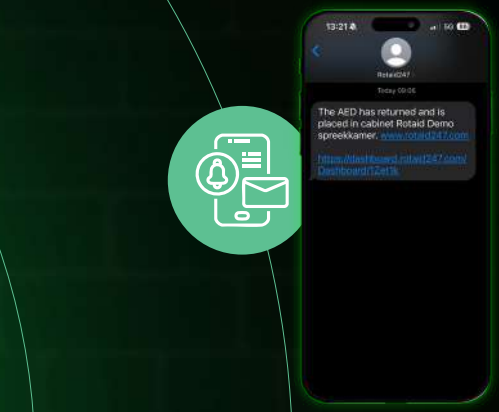
The GPS antenna automatically registers and maps its position on Google maps and detects and alerts when the cabinet moves to a new location.

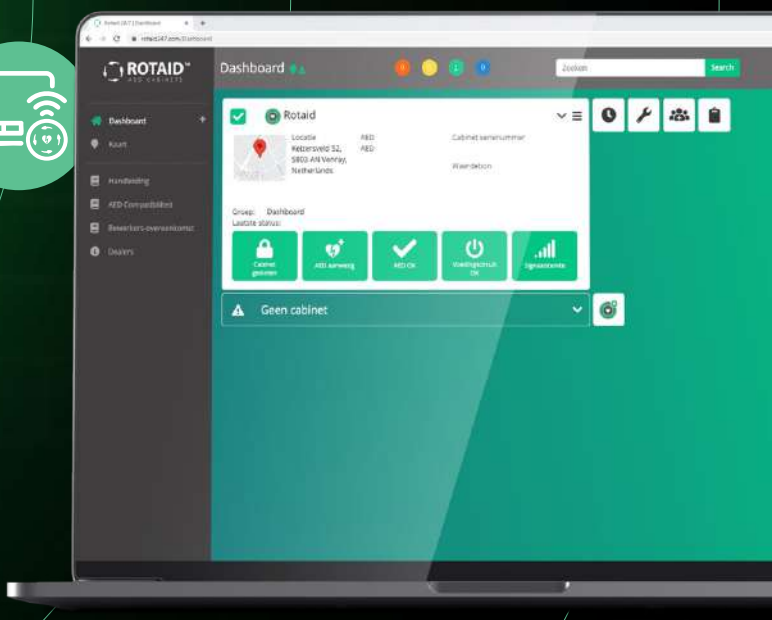
Save more lives with Rotaid 24/7

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.

Colour options



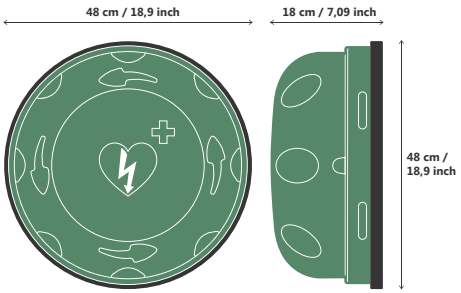
Rotaid™ 24/7
Spec sheet

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)

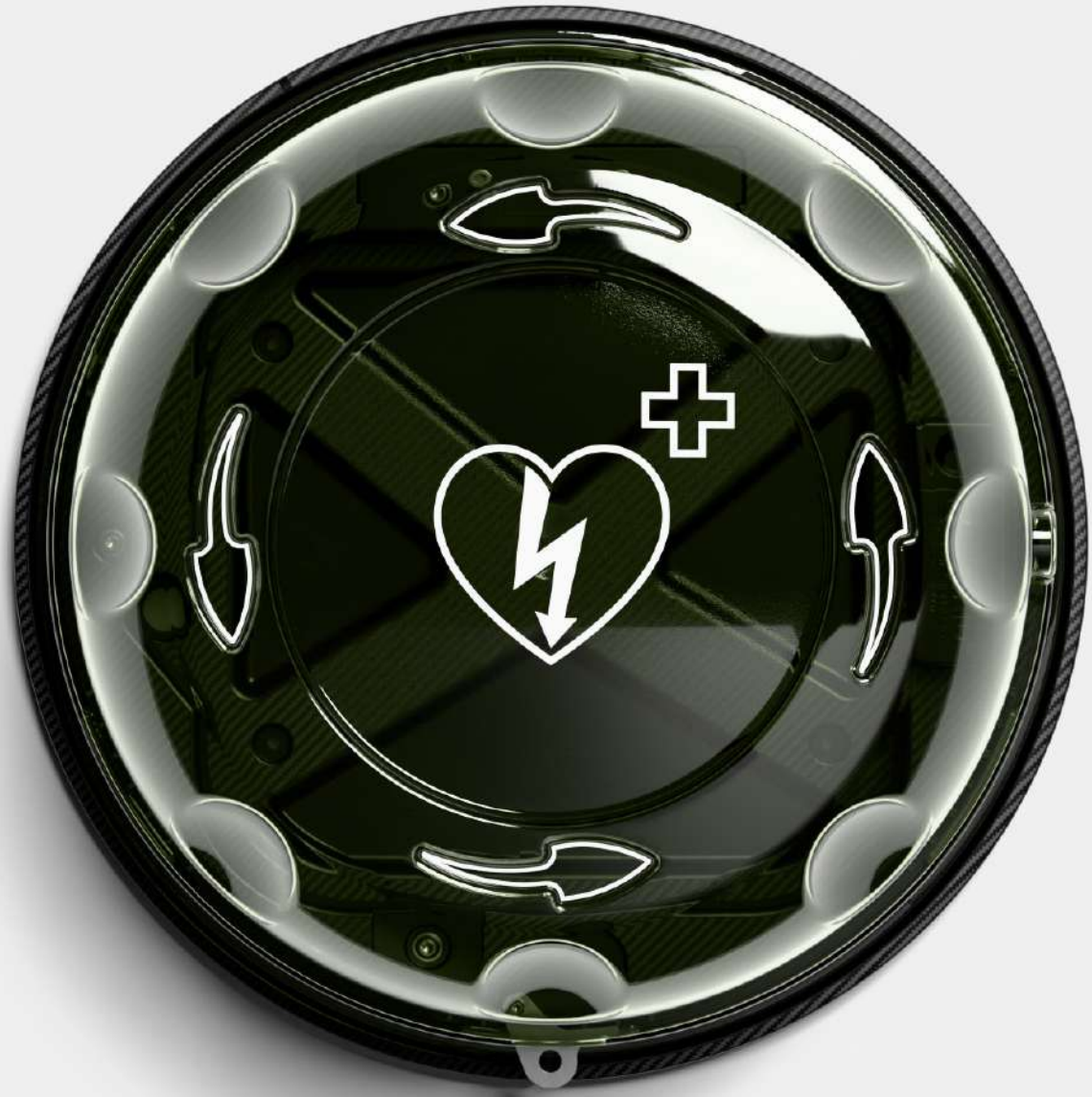
Safety Standards transformer
- UL60950-1 / CSA C22.2 / TUV EN60950-1 / BSMI CNS 14336 / CCC GB4942 / PSE J60950-1
- AS/NZS 60950.1 / BIS IS 13252 / KC K60950 / EAC TP TC 004 / SIRIM MS IEC60950

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.



Rotaid™

Solid Plus Alarmed

Rotaid Solid Plus Alarmed

Product sheet

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

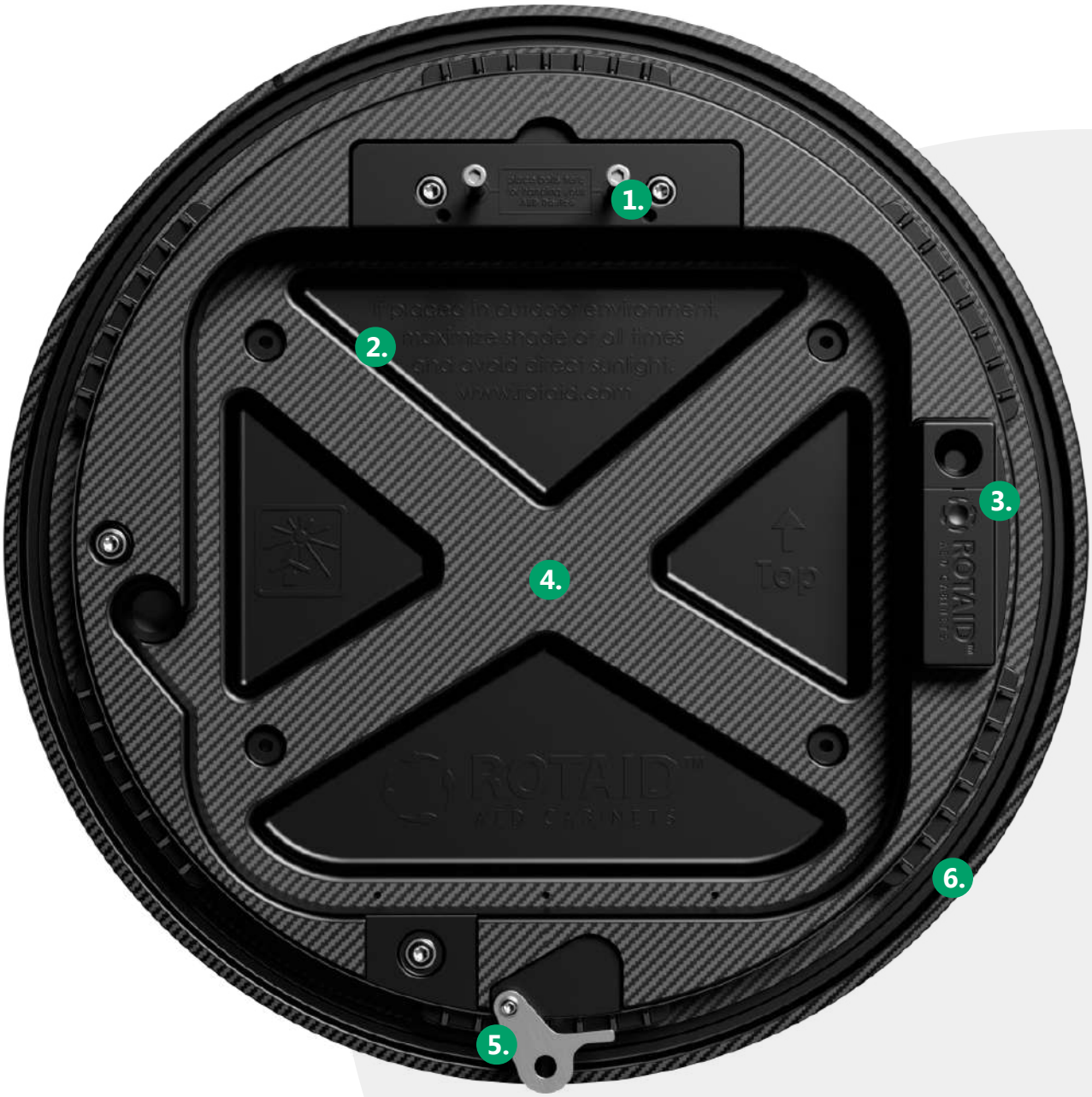
The characteristic round shape and design make it easy to be found and just a quick twist is needed to gain full access to the AED. The cover comes with AED logos and directive arrows to leave no room for interpretation.

The cabinet can be opened by an intuitive twist that removes the whole cover. The responder therefore has full access to the AED for a quick and easy grab. The cover is attached to the backplate via a belt and needs no further attention from the responder. 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. Installation instructions
3. Audible alarm system
4. Carbon look finish
5. Solid steel hook
6. 100% UV-stabilised polycarbonate plastics (recycled)



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.
Tested by experts	All standards were tested and certified by testing body Eurofins (www.eurofins.com)

Colour options

Transparent green, and transparent green with red, green, or yellow trim



Rotaid Solid Plus Alarmed

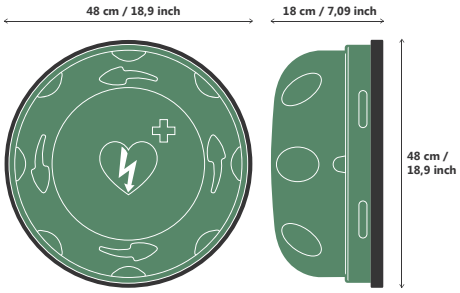
Spec sheet

Application

For use in all indoor environments.
For use in outdoor environments if temperatures do not fall below 5 degrees Celsius.

Dimensions

Length	: 48 cm	18,9 inch
Width	: 48 cm	18,9 inch
Depth	: 18 cm	7,09 inch
Weight	: 1,8 kg	4,1 lb



Backplate

- 100% Polycarbonate, UV stabilised, carbon fiber finish
- 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

Compatibility

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

Audible alarm system

- ABS housing
- Adjustable loudness setting : 84dB and 98dB
- Red button to temporarily pause the alarm
- Powered by two AA batteries (included)
- Alarm is triggered immediately during cabinet opening

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	
Testing body	: Eurofins	

Modularity

Compatible with all AED brands and types.

Upgrade possible with Rotaid™ Heating System
or Rotaid™ 24/7 connectivity module.

Packaging

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



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)

Colour options

Transparent green, and transparent green with red, green, or yellow trim



Rotaid Solid Plus Heat Alarmed

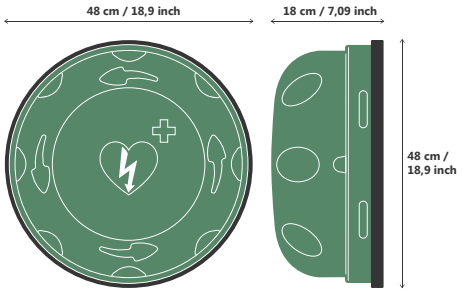
Spec sheet

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 Certfified : 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.





Rotaid

Accessories

Rotaid

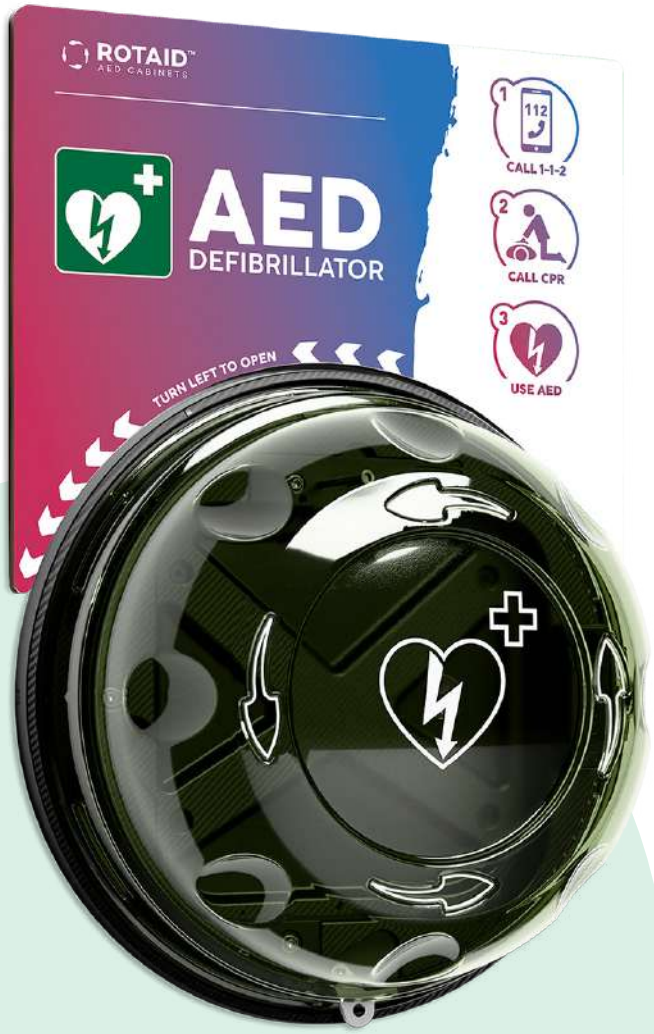
Accessories - Backboard

The Rotaid backboard ensures that more attention is drawn to your life saving equipment. A valuable tool for instructing bystanders and responders, thank a sponsor or create awareness.

Its unique form connects flawlessly with the Rotaid cabinet, resulting in an eye-catching combination with very high appearance and a sturdy look and feel.

The tailor-made backboards are designed to your specific requirements by our in-house design team ensuring that it connects with its location, surroundings and audience.
It can also display instructions, contact details and your logo.

Made from Trespa and printed with special UV paint, the backboard allows for indoor and outdoor use and will maintain its high quality appearance for many years.



Characteristics

- **High quality Trespa material (10 mm)**
- **UV and weather resistant print**
- **Pre-drilled fixation holes**
- **Fastening materials included**

Design

- **Unique tailor made design**
- **Designed by in-house specialists**
- **Available in every language**

Specifications

Accessories - Backboard

Dimensions board

Lenght:	41 cm	/ 16,14"
Width:	48 cm	/ 18,90"
Dept:	0,8 cm	/ 0,31"
Weight:	2 kg	/ 4,41 lbs



Dimensions board with cabinet

Lenght:	89 cm	/ 35,04"
Width:	48 cm	/ 18,90"
Dept:	18 cm	/ 7,10"
Weight:	8,7 kg	/ 19,18 lbs







Rotaid

Accessories - Totem

***The Rotaid AED Cabinets totem** allows for a stand alone indoor and outdoor installation of your defibrillator. The solid construction and high quality appearance make sure your defibrillator stands out and can be securely placed in practically all environments and situations.*

The modular set-up ensures an easy installation and the totem can easily be demounted when used for training and trade show purposes.

On the front, back and top of the totem, information and branding panels can be mounted. These panels are custom made, connecting to the customer's request and location, making sure the totem aligns perfectly with its surroundings.

The cabinet is safely mounted on the totem and the solid steel construction allows for installation in the most demanding environments. The double powder coated finish ensures a long-lasting appearance.

- **For indoor and outdoor usage**
- **Solid and safe construction**
- **Storage box for transformer unit**

Appliances

- Training and fares
- Stand alone installations
- Locations with no wall mounting possibilities
- Outdoor installations
- Renting and eventing

Design

- Custom made design
- Full colour UV protected printing
- Allows for fixed floor mounting
- In combination with all Rotaid cabinets



Specifications

Accessories - Totem

Dimensions

Total

Width:	700 mm / 27,5”
Height:	1615 mm / 63,6”
Weight:	40 kg / 88 lbs

Footplate

Width:	700 mm / 27,56” round
Thickness:	5 mm / 0,2”
Material:	Steel, powder-coated

Uprights / Stand pole

Width:	560 mm / 22,05”
Height:	1715 mm / 67,52”
Thickness pole:	60 mm / 2,36”
Material:	Steel, powder-coated

Panel

Width:	394 mm / 15,51”
Height:	1043 mm / 41.06”
Material:	Dibond, 3 mm thick / 0,12”

Article numbers

30.9000
Rotaid Totem with foot and front sign.

30.9000 + 30.0001
Rotaid Totem with foot, front sign and backboard.

30.9001
Rotaid Totem with foot, front sign and sunroof.

Modules

1. Sunroof
The perfect protection
to maximise shade.

2. Backboard *(Custom made)*
Provide additional guidance
and instructions.

3. Panel *(Custom made)*
Promote your totem
with a custom made sign.

4. Additional colour
Avalaible in every colour.



ROTAID™
AED CABINETS

rotaid.com info@rotaid.com +31 (0)478 769 052
Keizersveld 40 5803 AN, Venray The Netherlands