

SOLID PLUS HEAT

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 **ROTAID™**
AED CABINETS

ROTAID SOLID PLUS HEAT

PRODUCT SHEET

The Rotaid Solid Plus Heat is a highly robust and durable AED wall cabinet that ensures a recognizable, solid and sustainable storage of your AED device in any 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 that hangs via adjustable brackets 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. With a thickness of 5 millimetres 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.



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.

**LOW POWER
CONSUMPTION**

**OPERATIONAL AT
TEMPERATURES
AS LOW AS
-20°C**

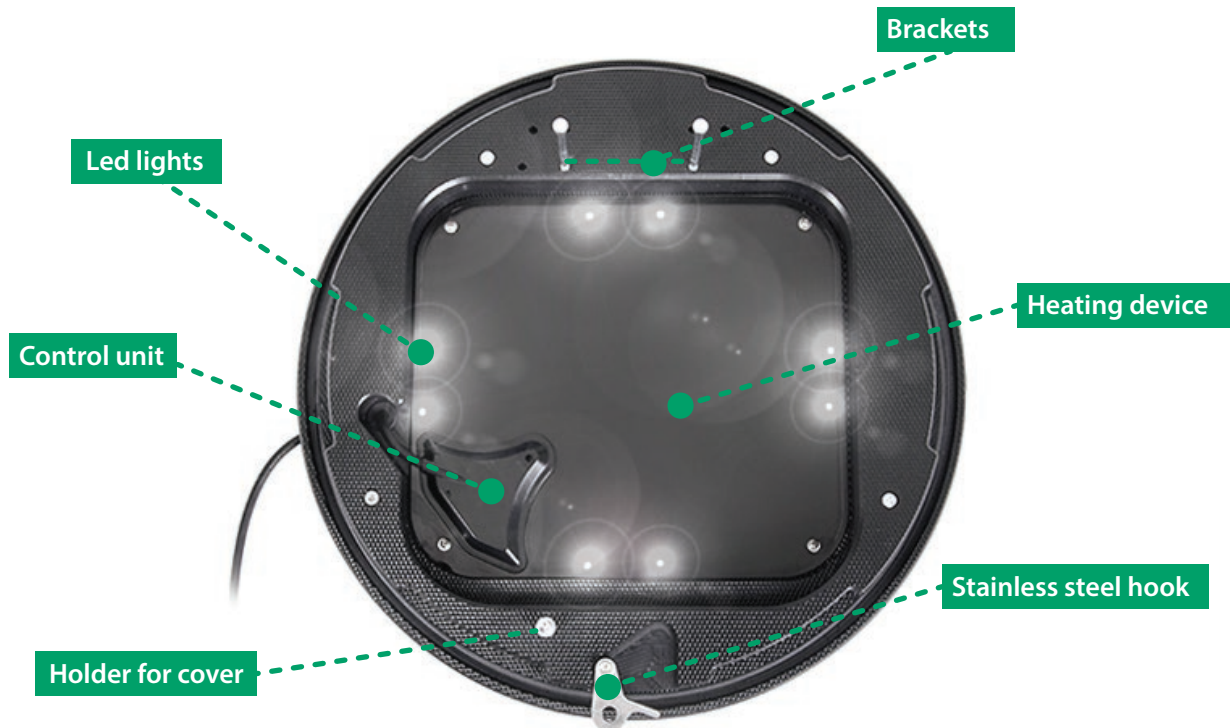
**FULLY AUTOMATIC
OPERATION**

LED LIGHTING



ROTAID SOLID PLUS HEAT

TECHNICAL DETAILS



Dimensions

Length **48 cm** Width **48 cm** Depth **18 cm** Weight **6,7 kg**

Length **18,9"** Width **18,9"** Depth **7,1"** Weight **14,7 lbs**

Packed individually by box, fastening materials included.

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ROTAID SOLID PLUS HEAT

SPEC SHEET

APPLICATION: For outdoor usage.

DIMENSIONS

Length **48 cm / 18,90"** Width **48 cm / 18,90"**
Depth **18 cm / 7,1"** Weight **6,7 kg / 14,77 lb**

BACKPLATE

100% recycled HDPE (high-density polyethylene), 3 individual plates, fringe pattern finish.

Rubber gasket ensures protection for dust and water.

Pre-drilled mounting holes on top of back plate to house 2 DIN 912 8.8 EV M6x80 bolts (included) for optimal placement of the defibrillator. 912 8.8 EV M 6 x 80).

Solid steel hook on the bottom to install tamper seal, instructions or other accessories.

4 recessed mounting positions for firm fixation. 4 DIN 7981 A2 5,5 x 60mm screws and 4 DIN 9021 A2 M6x18x1,6 mm rings are included for installation on all walls.es.

COVER

100% recycled Polycarbonate, 5 mm thick, green tinted and semi transparent, fitted with UV filters for long-lasting transparency and UV blocking.

A nylon belt is attached to the cover and connected to the back plate. The nylon belt is 15,75 inches long and 2 inches thick and is fitted with brass rings.

4 directive arrows provide guidance for opening the device.

6 indents provide grip for quick and solid opening.

Available colors : green, yellow, red

ALARM SYSTEM

90dB audible system, triggered by coin sized low power magnet in the cover, has an ABS housing and is pre-installed and fixated to the back plate.

The alarm unit is powered by 2 AAA batteries.

On top of alarm is a reset button to pause the alarm system if required.

PACKAGING

White box, FEFCO 0201, that meets FSC requirements.

Box size 50 x 50 x 25 centimeters / 19,7 x 19,7 x 9,8 inches.

COMPATIBLE WITH: All AED brands and types

Check your AED on www.rotaid.com/outdoor-aed-cabinet#specifications

One cabinet per box.

ROTAID SOLID PLUS HEAT

PTC AED CABINET HEATER

The ROTAID - PTC AED cabinet heater is a self-limiting, heater with a built-in controller based on 24V using a 230/110V transformer for safe usage and easy connection.

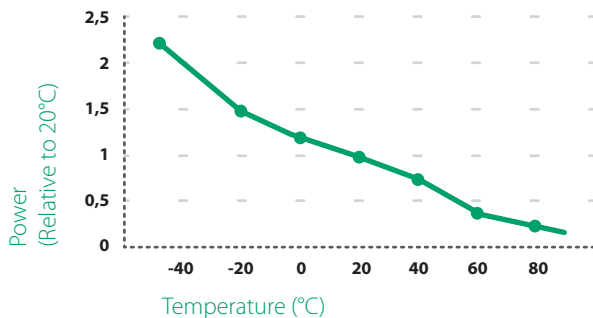
This heater is based on a robust heater technology with a proven track record from many years in automotive applications.

The heating circuit is not only relying on one continuous circuit.

The heater consists of several hundred parallel PTC paste heating elements that ensure long-lasting performance even if the circuits are locally damaged for some reason.



POSITIVE TEMPERATURE CONTROL



PTC (Positive Temperature Control) refers to the characteristic of the unique PTC paste used to generate the heat in the ROTAID – PTC AED cabinet heater. The resistance in the heat-generating paste will increase with temperature to such an extent that it is limiting the power efficiently above 30 °C. This means that the heater will give more power when needed at low temperatures and less power as the temperature increases.

This feature of the PTC paste adds an extra safety to the product that eliminates the risk of overheating. It still requires a temperature controller to give the needed heat and temperature into the AED cabinet. The nature of the PTC heating elements will give the heater slightly different characteristics than a conventional fixed wattage heater. The start power will be higher but will fall quite quickly to some point along the power curve. The final value depends on the surface temperature as well as the temperature measured in the control unit that is directly placed on the left bottom corner of the heating element. This controller regulates the power supply by switching on and off depending on its measurement. For easy installation, the heater is equipped with an adhesive backside for easy installation in the AED cabinet. Additional holes are placed for additional fixation of the heating element to the backside of the AED cabinet.

TECHNICAL SPECIFICATIONS

Max. element temp. °C, (°F)	70 (158)
Min. element temp. °C, (°F)	-50 (-58)
Resistance tolerance	± 20%
Rated voltage	230
Wattage	92 @ 20°C surface
Approvals/standards	NEMKO-CE (IEC 60335-1)
Other	Possible substrates: PET
Self adhesive backside	Yes
Connection wire	3 meters
Thermostat controller	Yes

THERMOSTATIC CONTROLLER FUNCTION

>10 C°	Off
10-7 C°	Max 50 % on time with increasing power 5% every 10 seconds
7-2 C°	Max 100 % on time with increasing power 5% every 10 seconds
< 2 C°	100 % power on.

TRANSFORMER 24VDC



Power supply	DC24V - 5000mA
Input	AC 100 ~240V 50/60Hz
Cable length	1.2 mtr.
Output	DC 24 V± 5%
Max. output current	5000mA – 120W.
Connection	DC -straight connector
Cable length	1.8 mtr.



LIGHT

8 LED - 2 Watt
 Heater operational / Constantly light ON
 Heater failure / NO light