AED Climate BOX

Advanced cabinets for AED

Installation Manual

MODELS:

ACB-2-H

V. 1.2

1. Introduction

The AED Climate Box is an innovative device specifically designed to protect and maintain AED defibrillators in optimal conditions, ensuring they are ready for use 24 hours a day. Due to the crucial role defibrillators play in saving lives, their functionality and availability under all conditions are absolutely critical. Unfortunately, improper storage conditions, such as extreme temperatures, can seriously damage the devices or even completely immobilize them, often only discovered at the moment when their use is most needed.

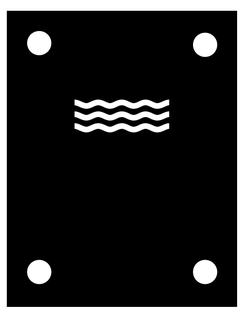
The solution to these challenges is the AED Climate Box, which offers advanced security features, including:

- **Gravity Ventilation:** Ensures a constant airflow, maintaining appropriate circulation.
- **Heating:** Automatically regulates the internal temperature, preventing damage caused by extreme sub-zero temperature conditions.
- **UV Glass:** Protection against the negative effects of UV radiation.
- **Door Open Alarm:** Protection against the potential theft of the AED defibrillator.

WARNING! To ensure the defibrillator operates within working temperatures, make sure that the cabinet is not exposed to direct sunlight. For installation in sunlight, use other available AED ClimateBOX models with mechanical ventilation.

2. Package Contents

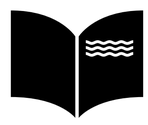
- AED Climate Box Device
- Power Supply
- Electrical Box
- User Manual



Drilling Template

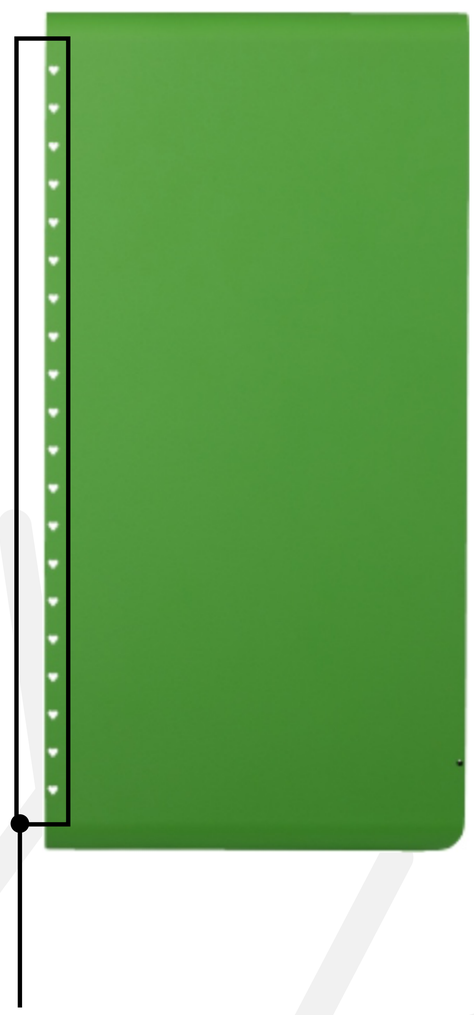
AED Climate Box Device

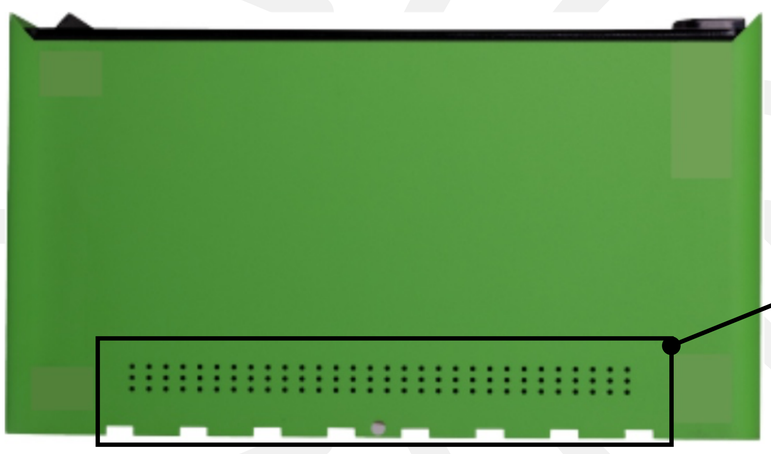
Transformer unit 24V with 3 meters cable



Quick start user manual

3. AED ClimateBOX body

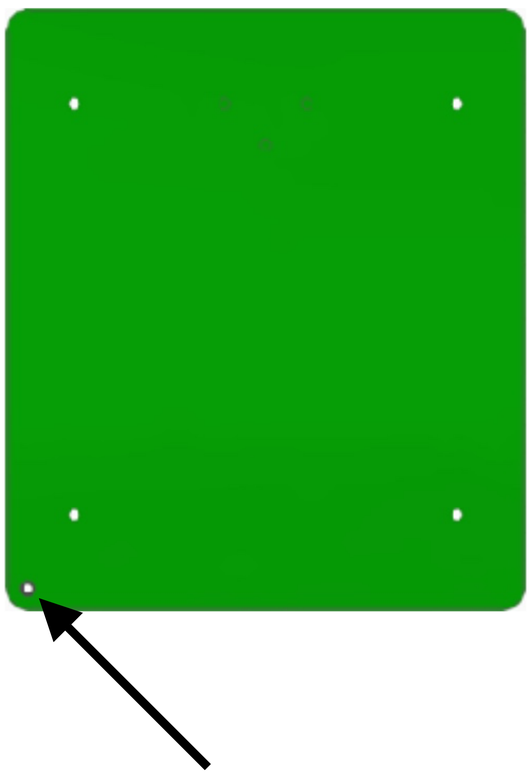




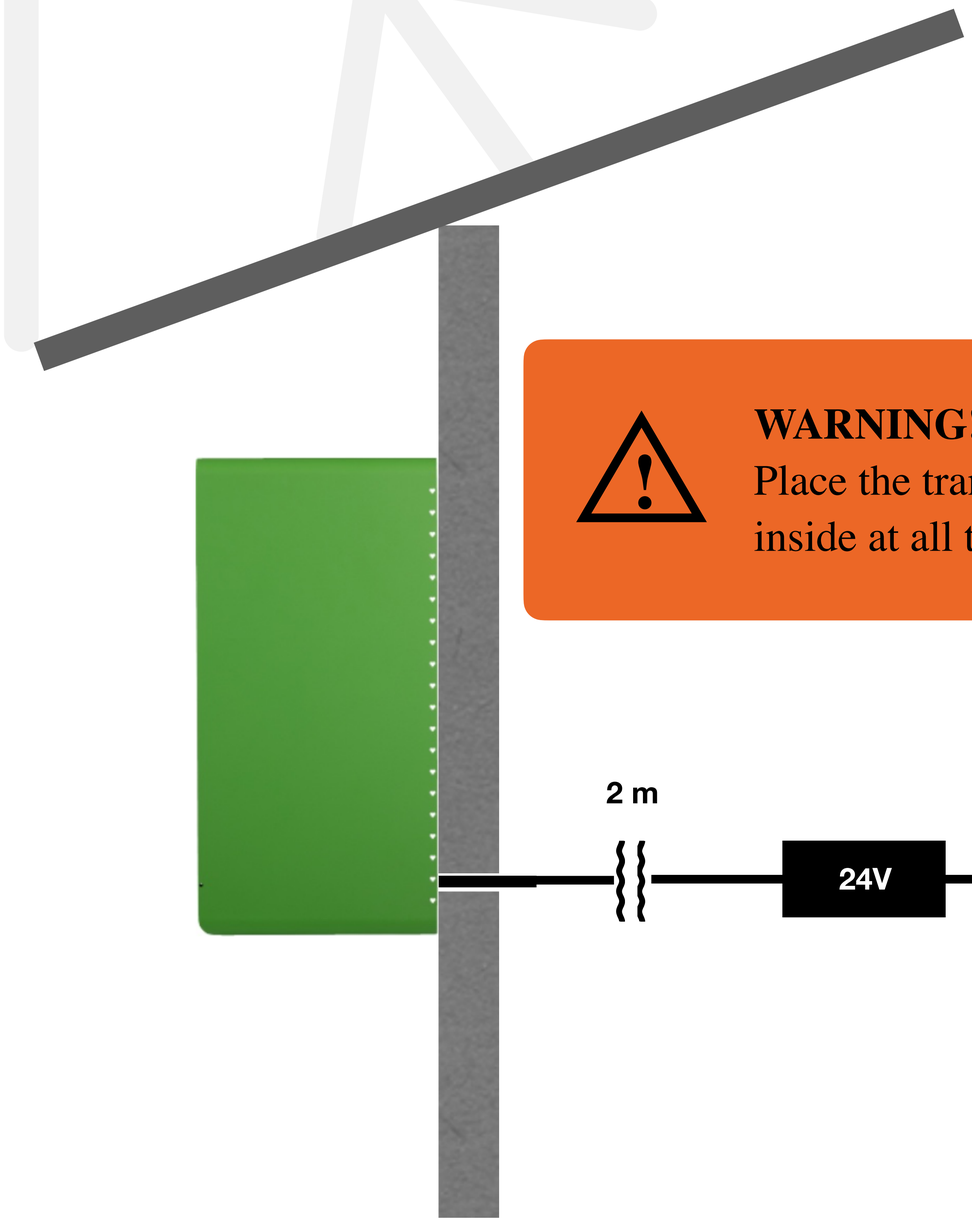
WARNING!
Mechanical ventilation inlets and outlets. Do not cover!

4. Wall installation

Drill holes in the wall using drilling template.



Transformer wire outlet in cabinet body back



WARNING!
Place the transformer inside at all times

5. Power connecting

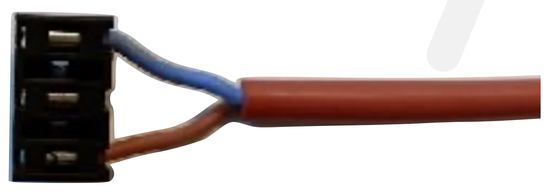
Each AED Climate BOX cabinet is equipped with a electrical junction box that allows the connection of the power cable from the 24V transformer to the heater installed inside the cabinet. The electrical junction box is supplied separately to facilitate the installation of the wire connections. It is recommended that the wiring installation be performed by a person with appropriate electrical qualifications. Transformer is not water proof, keep it always inside the building or in hermetic outside box.

Connecting the 24V 150W Power Supply transformer:

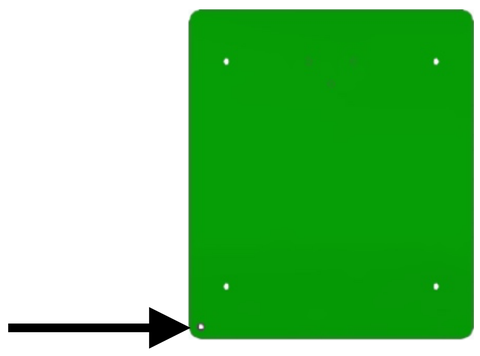
1. Open the electrical junction box.

2. Remove the terminal block with cables and loosen the screws.

3. Install heater cables in the connector and tighten the screws



4. Pull the power supply cable through the hole located at the back of the cabinet in the lower-left corner.

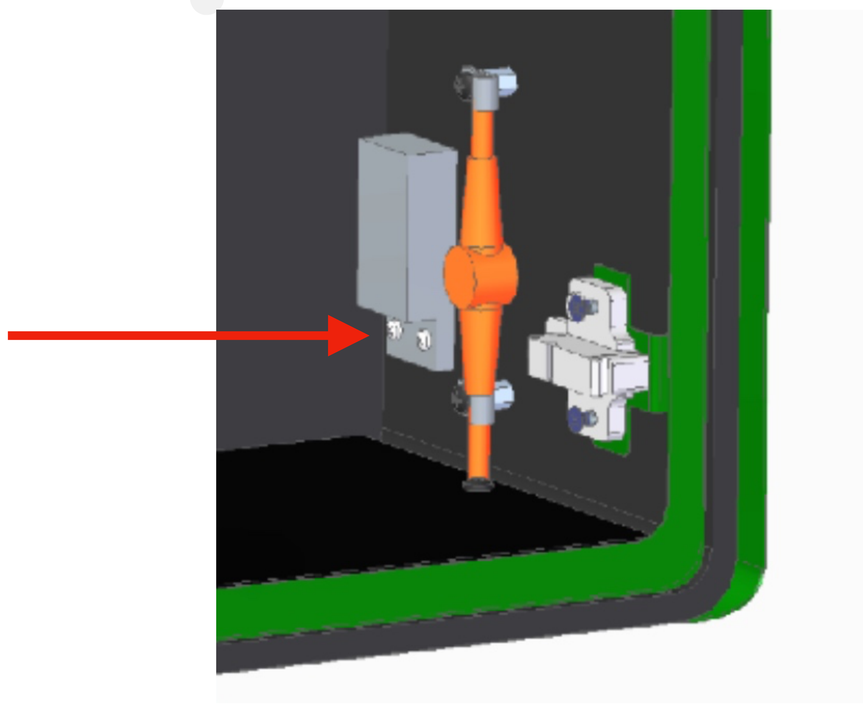


5. Connect transformer power supply cable to terminal block with heater cables.

6. Install terminal block in the electrical junction box.

7. Close electrical junction box using equipped screws

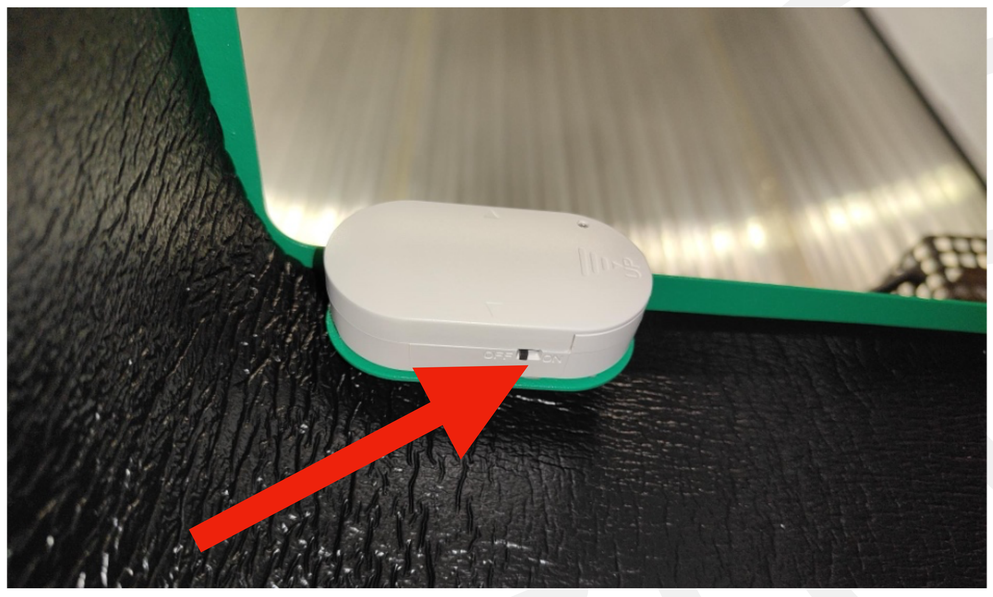
8. Screw electrical junction box in to cabinet body using two equipped screws



9. Connect transformer plug to 230V socket

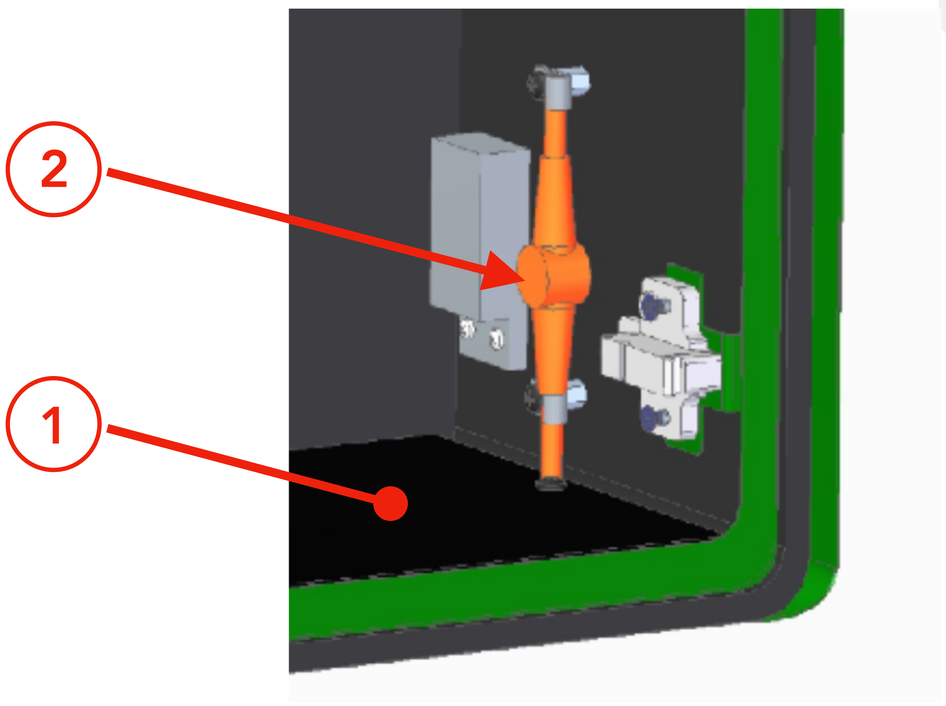
6. Activating the Door Open Alarm

1. To activate door open alarm, switch on it using the switch located on the side of the



7. Heater Element – Operation Principle

1. The heater (1) is equipped with a thermostat (2) that activates the heater when the cabinet temperature drops below 5°C and continues to heat the cabinet until the internal temperature reaches 15°C.



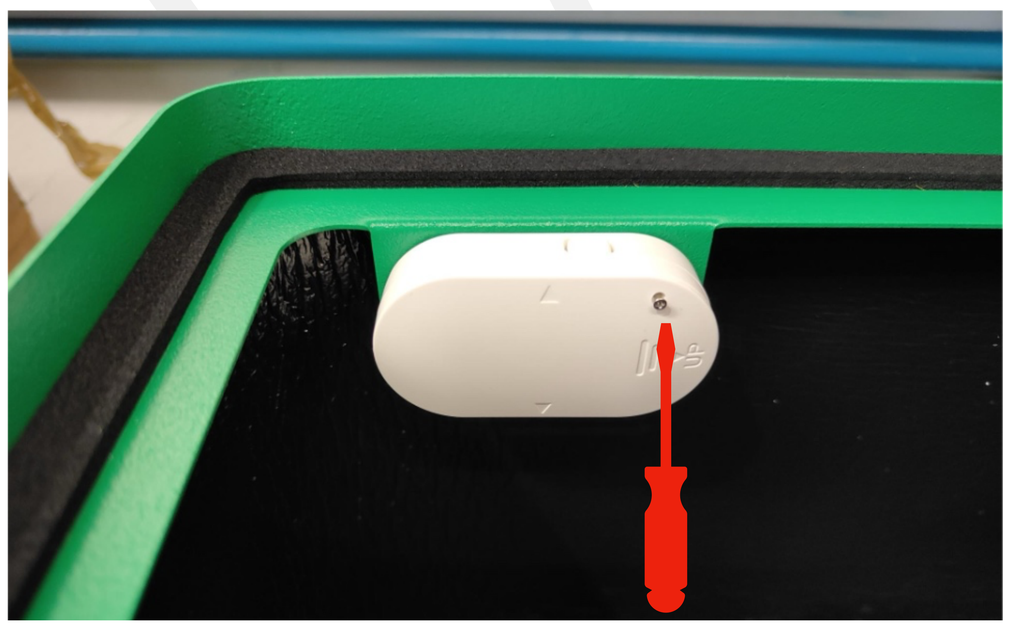
8. Placing the AED in the Cabinet

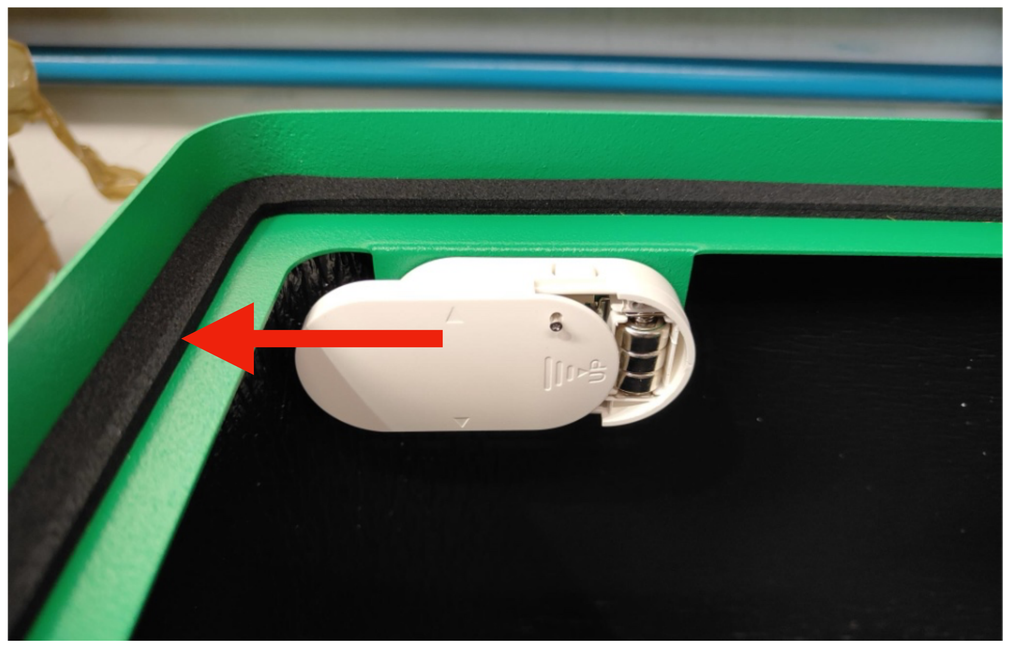
1. Hang the AED device in the cabinet on a hanger installed in the upper part of the cabinet.

WARNING!
At the bottom of the cabinet is a hot heather. Placing the defibrillator at the bottom of the cabinet is prohibited because it may damage the defibrillator.

9. Battery Replacement

1. To replace the battery, unscrew the screw, slide the cover to the left and remove the batteries (3xLR44).





9. Technical data

Model	**ACB-2-H**
Electrical properties	
Power supply (included)	24VDC/6,5A
Power supply cable	2 meters
Electrical consumption (without heating and ventilation)	-
Heather electrical consumption	100W/24V
Ventilation electrical consumption	-
Ventilation efficiency	-
Alarm sound level (distance 1m)	72dB
Mechanical properties	
Material*	Stainless steel 1,0mm
Standard color**	Green RAL 6018
Operating temperatures	-25°C / 40°C
Insulation	$\lambda 0$ [W / (m · K)] ≤ 0.036
Frost protection	-25°C
IP class	44
Installation	Outdoor and indoor
Overall dimensions	440x380x215
Space for AED / DAE	280x280x170
Weight	7,2 kg
Compliance	
EN 12944 level of corrosion	C3
EN 55035	•

**stainless steel recommended nearby shores in salty environments, **other colors on request*

AED Climate BOX

GRAS PPPH
77-230 KORZYBIE
Sławieńska 12 street
POLAND

www.aedcb.com