



AED Climate BOX - outdoor cabinet for defibrillator (AED / DAE) with automatic heating and mechanical ventilation

Climatic cabinet designed for outdoor defibrillator storage in unshaded areas. Equipped with advanced insulation and a heating system to maintain optimal internal temperature in winter, and highly efficient mechanical ventilation to ensure constant airflow and prevent overheating during summer. This guarantees reliable operation and readiness of the AED device year-round.

Cabinet body:

- stainless steel cabinet body,
- cabinet made in accordance with EN 12944 level of corrosion protection C3,
- **painted with structural UV resistant paint,**
- RAL 6032 color,
- **tinted acrylic door with UV filter,**
- hinges on the right side,
- **security seal holes in the door and cabinet body,**
- IP44.

Heating and insulation:

- insulated body with material with thermal conductivity $\lambda_0 [W / (m \cdot K)] \leq 0.033$,
- **frost protection (down to -25°C),**
- 100W/24V heating element with overheating protection.

IP class protection level

The AED Climate BOX is designed to effectively maintain suitable internal conditions, preventing damage caused by temperature extremes or moisture. While having a suitable IP protection rating to ensure reliable operation outdoors, the cabinet intentionally avoids excessively high IP ratings, as they can restrict airflow and cause unwanted condensation. Thanks to its optimal IP rating and ventilation design, the AED Climate BOX effectively protects defibrillators, ensuring their reliability and readiness in all weather conditions.

Acoustic alarm and LED light

- acoustic alarm after opening the door,
- two LED lights operating non stop.

Mechanical ventilation:

- mechanical ventilation up to 60m³/h
- two fans 24V/17W,
- **patented ventilation ducts,**
- air filter against insects,
- **protection against solar overheating** - maintains internal temperatures below 50°C, even when installed in full sunlight and with external temperatures up to 35°C

Installation:

- outside or inside installation,
- shade or full sun light installation.

Model ACB-2-HV technical data

Electrical properties	
Power supply	24VDC/6,5A
Power supply cable	2 meters
Electrical consumption (without heating and ventilation)	20 Watt
Heather electrical consumption	100W/24V
Alarm sound level (distance 1m)	72dB
Mechanical properties	
Material	Stainless steel 1,0 mm
Operating temperatures	-25°C / 60°C
Insulation	$\lambda_0 [W / (m \cdot K)] \leq 0.033$
Frost protection	-25°C
IP class	IP44
Installation	Outdoor and indoor

Overall dimensions	440x380x215
Space for AED / DAE	280x280x170
Weight	8 kg

Compliance	
EN 12944 level of corrosion	C3

Features	
Outdoor installation in full sun light	•
Outdoor installation in the shade	•
Indoor installation	•
Mechanical ventilation	•
Heating element	•
Insulated cabinet body	•
Acoustic alarm after opening the door	•
Interior LED lighting	•
Gravitational ventilation	•
Door glass with a UV filter	•

For more information, see separate technical data sheet of AED Connect or visit www.aedcb.com.

