AED Climate BOX
Advanced cabinets for AED

Model: ACB-2-HV



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

Climatic cabinet for defibrillators for outdoors use in unshaded areas. Insulation and heating element ensuring a constant interior temperature in winter, while in the summer highly efficient mechanical ventilation ensures a constant interior ventilation, ensuring the efficiency of the AED device operation.

Cabinet body:

- stainless steel cabinet body (optional galvanized steel),
- **painted with structural UV resistant paint,**
- RAL 6018 color,
- **door with tinted plexiglass window 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.

Ingress Protection - IP class

AED Climate BOX has the appropriate IP protection level to ensure appropriate climatic conditions of defibrillators. AED Climate BOX was created to prevent condensation, too high or low temperatures and is resistant to precipitation. Too high an IP protection level may cause inappropriate conditions for storing the defibrillator outdoors, which may consequently lead to its damage.

Acoustic alarms and LED light

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

Mechanical ventilation:

- mechanical ventilation 60m3/h
- two fans 24V/17W
- ventilation ducts,
- **protection against solar overheating** - maintaining the interior temperature below 45°C, in full sun and outside air temperature up to 35°C.

Installation:

- outside or inside installation,
- in full sun light installation,
- recommended models for outdoor use, equipped in heather and mechanical ventilation: ACB-2-EHV.

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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	λ0 [W / (m · K)] ≤ 0.033
Frost protection	-25°C
IP class	IP44
Installation	Outdoor and indoor

Overall dimensions	440x380x215
Space for AED / DAE with handle	330x320x170
Weight	8 kg

Features	
Outdoor installation in full sun light	•
Outdoor installation in the shade	•
Indoor installation	•
WiFi module	-
GSM module	-
Hot Spot by GSM availability	-
External antenna	-
Mechanical ventilation	•
Heating element	•
Insulated cabinet body	•
Acoustic alarm after opening the door	•
USB power socket	-
Interior LED lighting	•
Possibility to connect external lighting	-
Digital outputs (2 pcs)	-
Accelerometer	-
AED missing sensor	-
Gravitational ventilation	•
Door glass with a UV filter	•
AED monitoring photo sensor	-
AED monitoring microphone sensor	-
Capture camera	-

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