

CLIMACARD SYSTEM

TECHNOLOGICAL SOLUTIONS
FOR TOURISM



All services at your disposal

Customized design for air conditioning system with customized layouts

- Efficient study and solutions to reduce energy consumption



Construction “turnkey” of the systems

- Shipping of products and materials
- On-site installation and assembly



Maintenance and after-sales service

- Routine and extraordinary maintenance, even during peak periods
- Spare parts and system assistance
- Periodic preventive maintenance contracts to ensure efficiency and reduce breakdowns during peak seasons.



Training and operational management

- Staff training on air conditioning (use and maintenance system)
- Operation manuals for daily application management



Remote monitoring and control (with Climacard Pro application):

- Ability to manage and supervise consumption and system status remotely.



Integration with home automation and access systems (with Climacard Pro application)

- Connecting climate cards, guest badges, and other services (lighting, electronic locks, etc.) to optimize unit management.



Energy savings and respect for the environment with Climacard



Guests, increasingly attentive to environmental issues, will enjoy a relaxing stay that is environmentally sustainable. Maximum comfort and environmental friendliness are guaranteed thanks to careful energy management.

DESCRIPTION

The Climacard system was created to meet **environmental sustainability** goals and energy savings needs in tourist facilities. It's a device that guests can use to **prevent waste by preventing air conditioning from operating while they're away**.

Each Climacard comes with **time credits that can be topped up directly and easily at the reception desk**. The card, which can be completely customized for each tourist facility, is given to the guest, who can then control the air conditioning in their mobile home by inserting it into a convenient smartcard reader.

Simple installation

Installing the entire Climacard system is very simple and occurs simultaneously with the air conditioning. The Climacard system can also be installed on air conditioning systems that have already been installed.

Long-lasting air conditioning

All air conditioners are used much less than traditional systems, so their lifespan is significantly extended.



Economic savings

Energy consumption is even halved due to the reduction in the activity of air conditioning throughout the tourist facility.

Reduction of interventions

Pairing Climacard with your air conditioner extends its life by over 50%. This reduces the need for technical assistance, especially during peak season.

The advantages of the Climacard system

ADVANTAGES



Reduced air conditioning usage by 50%.



Extension of air conditioning life by over 50%.



Economic savings thanks to reduced energy consumption.



Reduction in maintenance costs and technical assistance.



AIR CONDITIONERS

9000 BTU inverter technology

CONSUMPTION

average air conditioner

TOTAL CONSUMPTION

100 air conditioners per hour

AVERAGE

daily operation

DAYS

per season

TOTAL

consumption

Without Climacard

100

650 w/h

65 kw/h

16 ore

90

93.600 kW/h

With Climacard

100

650 w/h

65 kw/h

8 ore*

90

46.800 kW/h



TOTAL COST OF AIR CONDITIONING PER SEASON

€ 28.080**

€ 14.040**

*A prepaid card with 8 hours of credit per day is provided.

** Estimated electricity cost: €0.30 kW/h

Climacard Smart Management



Zurber software

Management of Climacard cards and supervision of installed equipment through intuitive software.

COMPLETE MANAGEMENT FROM THE RECEPTION

The Climacard software, perfectly compatible with tourist facility systems, allows you to customize smart cards to meet the needs of any user. Designed with a simple and quick-to-use interface, it generates credits that can then be used to air-condition your mobile home.

COMPLETE INSTALLATION

Climacard is an intelligent system, designed to **integrate and work seamlessly** with Syntek DC inverter air conditioners. Efficiency is guaranteed by the fact that the technology used is specifically designed to avoid wear and tear on the air conditioner, but to preserve it over time.



Climacard

Available models

*Choose the perfect model
for your tourist facility*

The smartcard reader reads the Climacard, which in turn allows for personalized management of customer services with the time counter function.

It also monitors room temperature, making it easy to manage the air conditioning without using the remote control, easily and safely.



**Smartcard reader
CLIMACARD 2.0**



**Smartcard reader
CLIMACARD PRO**

CHARACTERISTICS

3.5" TOUCH SCREEN		✓
TEMPERATURE SENSOR		✓
ADJUSTABLE BACKLIGHTING		✓
SMART CARD READER POCKET	✓	✓
COMPATIBLE WITH 503 BOX	✓	✓
COMPATIBLE WITH SINGLE-SPLIT AND MULTI-SPLIT SYSTEMS	✓	✓
MULTILINGUAL		✓
RETROFIT READY (compatible with SC power supply)	✓	✓
3 NO/NC DIGITAL INPUTS (Windows, Door, Home Automation, etc.)		✓

FUNCTION

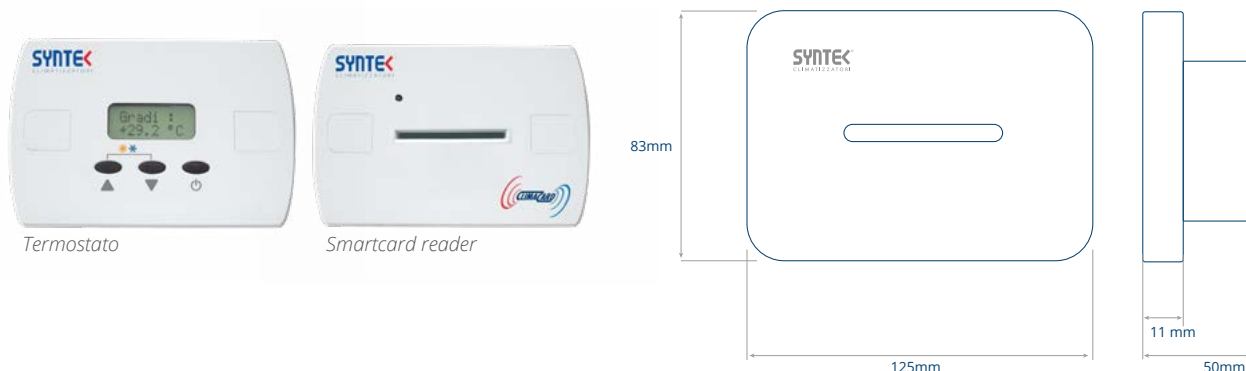
SEASONAL OPERATING MODE (cool, heat, dry, fan)	✓	✓
SMARTCARD ENERGY CREDIT DEPOSIT	✓	✓
CREDIT/TIME RESERVE INDICATOR		✓
CONTROLLED SHUTDOWN (INFRARED)	✓	✓
CUSTOM SEASONAL TEMPERATURE RANGE (Min-Max)	✓	✓
OPERATING HOURS COUNTER FOR PREVENTIVE MAINTENANCE		✓
REMOTE MANAGEMENT OF INDIVIDUAL UNITS		✓
POP-UP COMMERCIAL MESSAGE SETTINGS ON THE DISPLAY		✓
CONSUMPTION MONITORING		✓

OPTIONAL ACCESSORIES

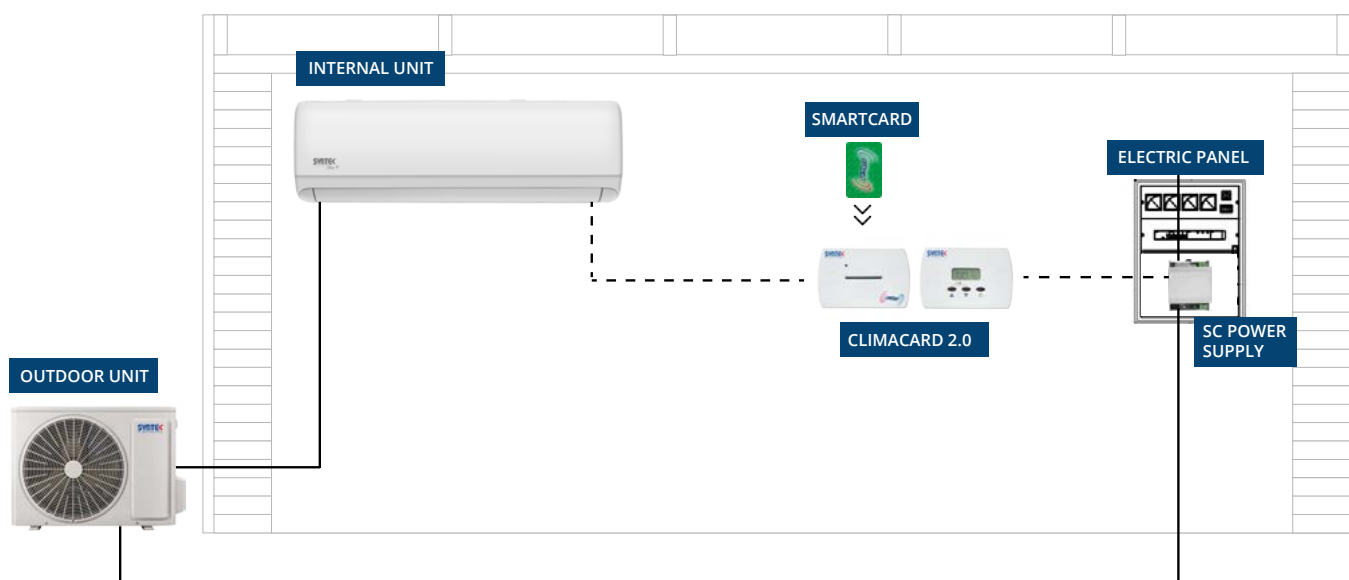
12Vdc POWER SUPPLY	✓	✓
SC POWER SUPPLY CARD	✓	✓
WIRELESS HUB POWER SUPPLY CARD		✓
PROGRAMMABLE SMARTCARD	✓	✓
SMARTCARD BURNER AND SOFTWARE	✓	✓
PASSAGE SENSOR		✓

Climacard 2.0

Technical data and installation diagram

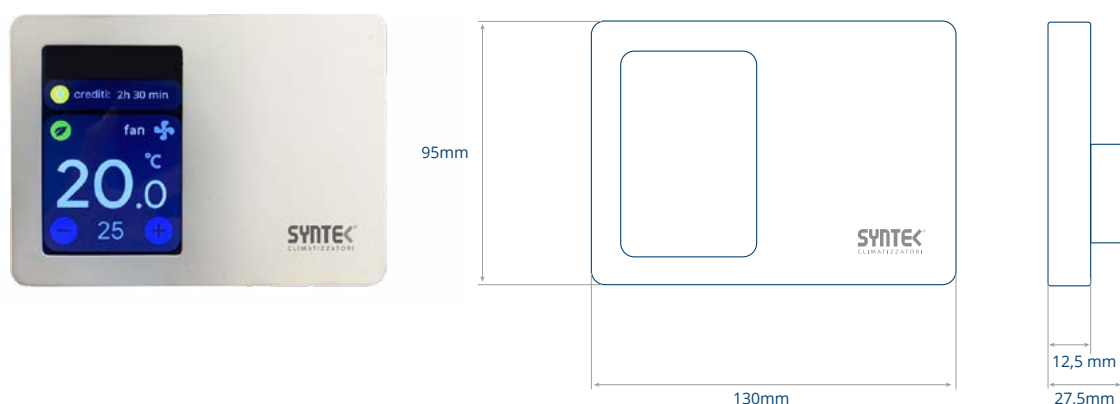


DIMENSIONS	
Width x Height x Depth	125 x 83 x 11 mm
Width x Height x Depth (with terminal block)	125 x 83 x 50 mm
POWER SUPPLY	
Voltage	12 Vdc \pm 5%
Maximum Power Consumption	2 W
ELECTRICAL CONNECTION	
Cable Cross-Section	2 x 0,5 + (n x 0,25)
Maximum Cable Length	20 m
PROTECTION DEGREE	
Indoor Application	IP30
ENVIRONMENTAL CONDITIONS	
Operating Conditions	tra 0°C e 60°C
TEMPERATURE	
Ambient Temperature Measurement Range	ND
Temperature Variation	+/- 1,0°C
Temperature Control Range (Custom)	ND

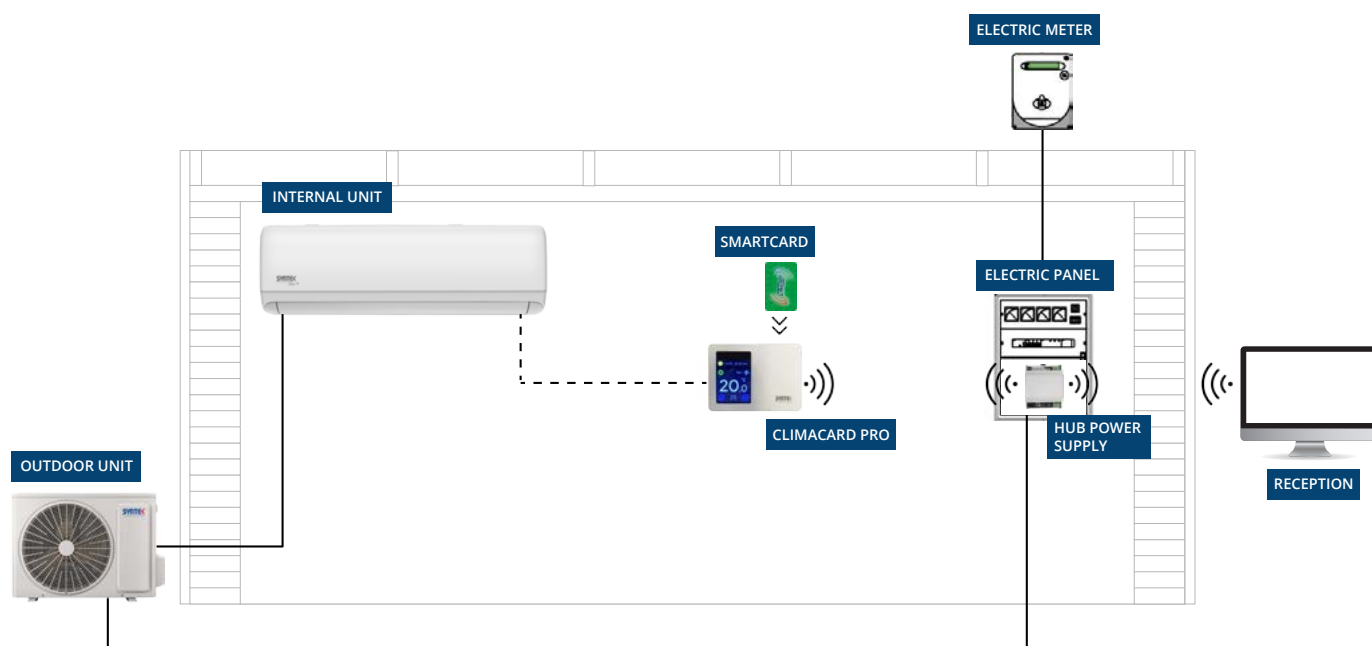


Climacard PRO

Technical data and installation diagram



DIMENSIONS	
Width x Height x Depth	130 x 95 x 12,5 mm
Width x Height x Depth (with terminal block)	130 x 95 x 27,5 mm
POWER SUPPLY	
Voltage	12 Vdc \pm 5%
Maximum Power Consumption	2 W
ELECTRICAL CONNECTION	
Cable Cross-Section	2 x 0,25 mmq
Maximum Cable Length	20 m
PROTECTION DEGREE	
Indoor Application	IP30
ENVIRONMENTAL CONDITIONS	
Operating Conditions	tra 0°C e 60°C
TEMPERATURE	
Ambient Temperature Measurement Range	tra 5°C e 60°C
Temperature Variation	+/- 1,0°C
Temperature Control Range (Custom)	tra i 16 °C e i 30°C



Why choose **ECA Technology**?

ECA Technology designs and manufactures innovative technologies for the production of electricity from renewable sources, air conditioning, domestic hot water and heating, providing innovative, customised solutions for sustainable and future-oriented construction.

The company, present in the tourism sector with the Syntek product line, has been able to develop in over 40 years, a strong, reliable sales network that provides qualified pre and after sales services.



Qualified consultation

and direct contact with professionals



Innovative products

and spare parts always available



Assistance

direct technical assistance



Qualified Network

of Agencies, Dealers and Technical Centers

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