



Exclusive technologies for tourism

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## ALL ESSENTIALS SOLUTIONS FOR TOURIST FACILITIES COMFORT

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ECA Technology  
**your reference  
contact**

## The reference contact for the facilities management

ECA Technology has been present throughout Europe in hundreds of accommodation facilities, campsites and hotels for over **40 years** with Syntek brand products.

Ensuring customer satisfaction by achieving maximum energy savings is the key for the tourism future.

ECA Technology offers a complete range of solutions that improve comfort inside hospitality structures, mobile homes, glamping tents and prefabricated buildings and develops a customized plan using the most effective technologies: DC Inverter heat pump air conditioners, energy management systems and APP, solar water heating and photovoltaic systems, car charging stations, air purification, heat pump water heaters.

The offer is completed by constant installation, maintenance and assistance services thanks to the large network of certified after-sale service centers.

Over 40 years of activity allow us to offer customers **innovative products** and **services**.

The network of **After-sale service centers** is available for specialized **Installations, Assistance and Maintenance** all year round, even in high season.

Thanks to the intervention of specialized technicians, owning the mandatory F-GAS license, we are able to offer a complete service of pre-seasonal maintenance solutions for air conditioners.

**SYNTEK**<sup>®</sup>  
CLIMATIZZATORI

Widespread  
presence  
**all over Europe**



## THE IDEAL FULLY ELECTRIC STRUCTURE

ECA Technology offers a complete system for tourist facilities starting from design support: a single point of contact able to guide clients in choosing the most suitable solutions.

### **ENERGY EFFICIENCY**

Thanks to integrated technologies, the highest levels of energy efficiency are achieved.

### **ECOLOGICAL**

The air conditioners use ecological gas R32, while the systems produce energy from renewable sources. Finally, water heater in heat pump do not burn fossil fuels and do not produce polluting fumes.

### **CENTRALIZED MANAGEMENT**

The Climacard device for the energy management of air conditioning systems is an ideal tool for monitoring the activities of the structure.

### **ECONOMIC SAVING**

Systems such as heat pump water heater, photovoltaic shelters and the Climacard system allow you to reduce costs in your bills through proper energy management of the structure.

### **INTEGRATION**

The heat pump water heater can be installed by combining it with a photovoltaic and / or solar water heating system, to increase the efficiency of tourist facilities.

### **CUSTOMIZATION**

The products combination satisfies the needs of any system and the energy needs of any tourist facility.

### **SAFETY AND COMFORT**

In addition to climatic comfort, ECA Technology offers room air purification systems to ensure safety, comfort and well-being within the facilities.



# THE IDEAL FULLY ELECTRIC STRUCTURE



## ECA Technology offers a complete system:



Air Conditioning



Energy Management



Solar Photovoltaic  
& Car charging stations



Solar water heating



Air purifiers

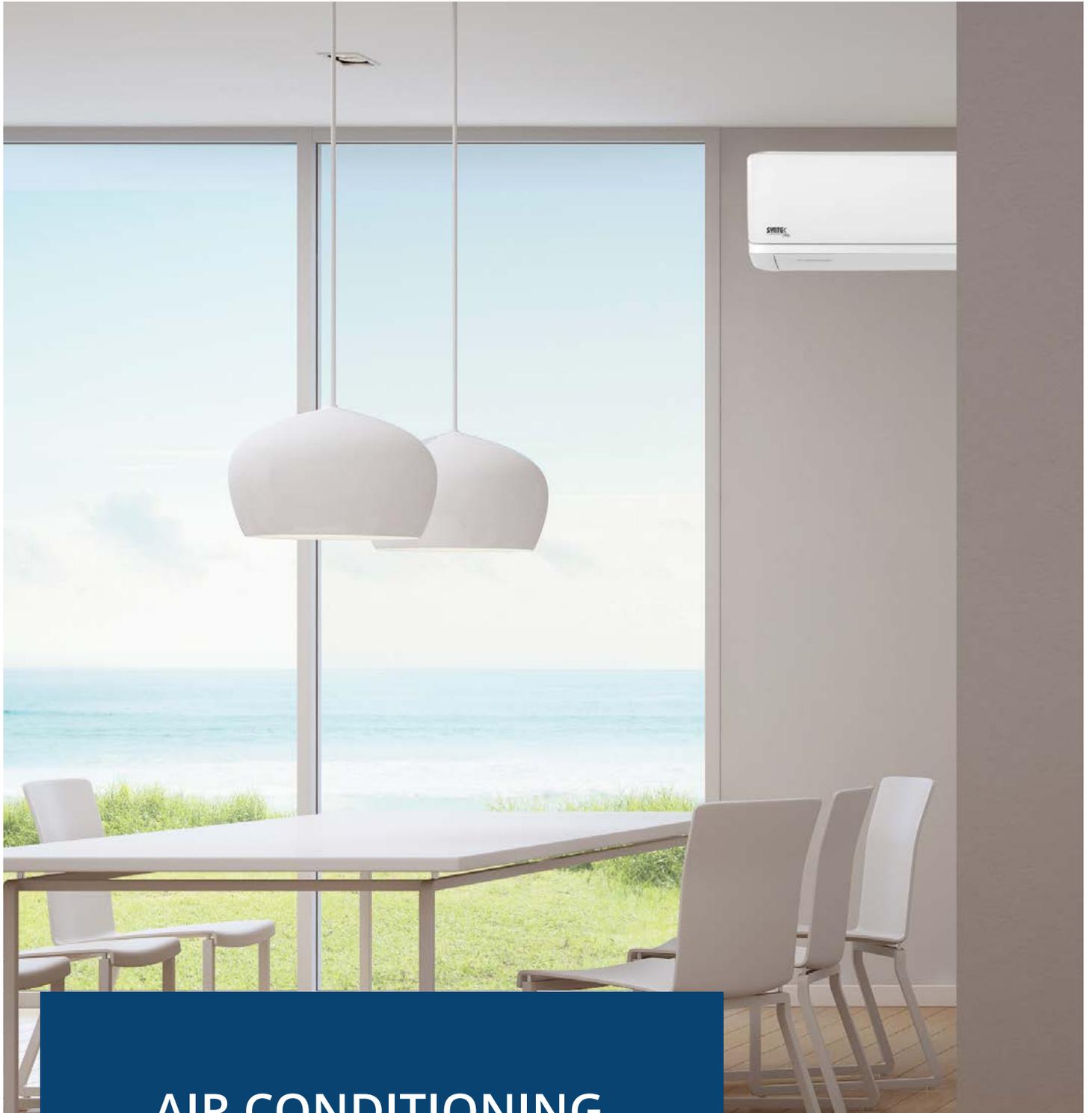


Domestic hot water production



Assistance and maintenance 365 days





# AIR CONDITIONING



Syntek Shine Wall Air Conditioner

**MONO AND MULTI SPLIT WALL AIR CONDITIONER DC INVERTER**



Feel Plus+ Console Air Conditioner

**MONO AND MULTI SPLIT FLOOR AIR CONDITIONER DC INVERTER**



Diffused Air Conditioning

**MONO AND MULTI DUCTED AIR CONDITIONERS DC INVERTER**

## AIR CONDITIONING

# Syntek Shine Wall Air Conditioner

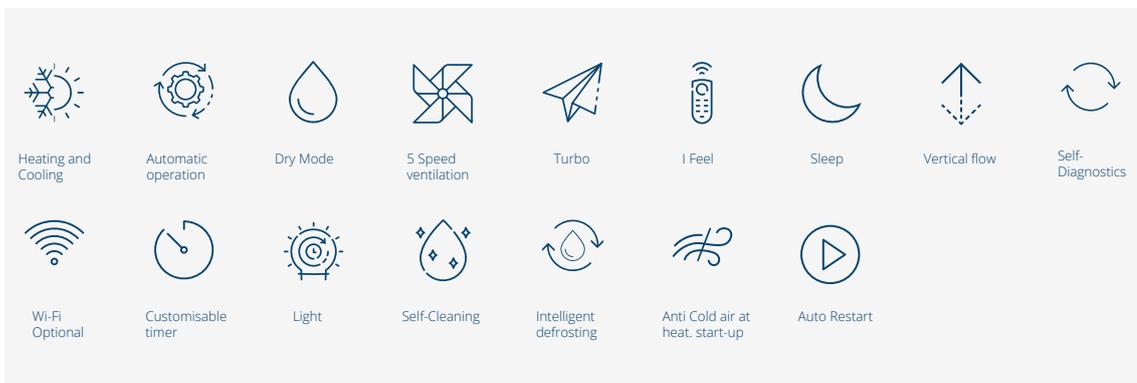
The Syntek Shine line meets the most stringent requirements for functionality and guaranteed climatic comfort. The **ultra-compact design** distinguished by the unmistakable silver line adapts to each space and provides a unique touch.

The quality of the materials used and painstaking manufacturing have made it possible to reach extreme operating temperatures (-15°C to +43°C), making Syntek Shine's performance optimal even in brackish environments.

Lastly, **energy class A+++** and the inclusion of **ecological refrigerant gas R32** ensure that this model saves energy, is highly efficient and environmentally friendly.



Parete SKW1



## AIR CONDITIONING

# Multi Syntek Shine Wall Air Conditioner

Climate management therefore becomes more and more personalized and meets the needs of guests within mobile homes with the Syntek multisplit solution.

From **2 to 5 indoor** units connected together, to give maximum comfort in any environment.



Parete SKWI

Possible Combinations  
from **2 to 5 units**  
indoor with only  
one outdoor unit



	20'000 btu	24'000 btu	28'000 btu	34'000 btu	44'000 btu
2 indoor units	9 + 9	9 + 9	9 + 9	9 + 9	-
	9 + 12	9 + 12	9 + 12	9 + 12	9 + 12
	-	12 + 12	9 + 18	9 + 18	9 + 18
	-	-	12 + 12	12 + 12	9 + 24
	-	-	12 + 18	12 + 18	12 + 12
	-	-	-	18 + 18	12 + 18
	-	-	-	-	12 + 24
	-	-	-	-	18 + 18
	-	-	-	-	18 + 24
3 indoor units	-	-	-	-	24 + 24
	-	9 + 9 + 9	9 + 9 + 9	9 + 9 + 9	9 + 9 + 9
	-	-	9 + 9 + 12	9 + 9 + 12	9 + 9 + 12
	-	-	-	9 + 9 + 18	9 + 9 + 18
	-	-	-	9 + 12 + 12	9 + 9 + 24
	-	-	-	12 + 12 + 12	9 + 12 + 12
	-	-	-	-	9 + 12 + 18
	-	-	-	-	9 + 12 + 24
	-	-	-	-	9 + 18 + 18
	-	-	-	-	9 + 18 + 24
	-	-	-	-	12 + 12 + 12
4 indoor units	-	-	-	-	12 + 12 + 18
	-	-	-	-	12 + 12 + 24
	-	-	-	-	12 + 18 + 18
	-	-	-	-	9 + 9 + 9 + 9
	-	-	-	9 + 9 + 9 + 12	9 + 9 + 9 + 12
	-	-	-	-	9 + 9 + 9 + 18
	-	-	-	-	9 + 9 + 9 + 24
	-	-	-	-	9 + 9 + 12 + 12
5 indoor unit	-	-	-	-	9 + 9 + 12 + 18
	-	-	-	-	9 + 12 + 12 + 12
	-	-	-	-	9 + 12 + 12 + 18
	-	-	-	-	12 + 12 + 12 + 12
	-	-	-	-	9 + 9 + 9 + 9 + 9
-	-	-	-	9 + 9 + 9 + 9 + 12	
-	-	-	-	9 + 9 + 9 + 12 + 12	

## AIR CONDITIONING

# FeelPlus+ Console Air Conditioner

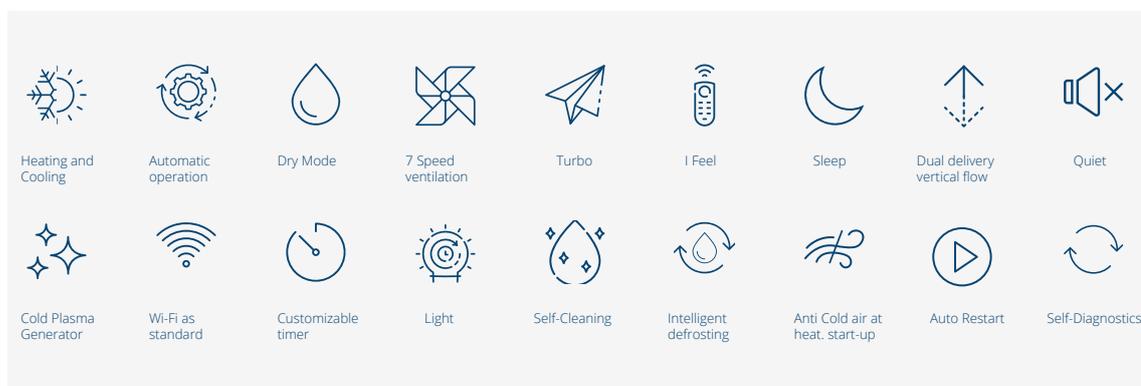
The FeelPlus+ line Console version is the ideal air-conditioning solution to guarantee **diffused, uniform distribution of air** inside rooms via upper and lower (floor) flow.

In addition to Wi-Fi as standard, the air conditioner **incorporates a Cold Plasma Generator**, a device that eliminates polluting particles using an emission of negative ions and simultaneously providing well-being for the body and mind.

The compact design also allows easy and versatile installation of the Console.



FEV Console



## AIR CONDITIONING

### Diffused Air Conditioning

ECA Technology's DC Inverter diffused air conditioner is designed specially for mobile homes, to **spread the air evenly** inside them.

The silence combined with the possibility of managing the temperature in each room in a personalized way, allows you to enjoy the best comfort in an invisible way.



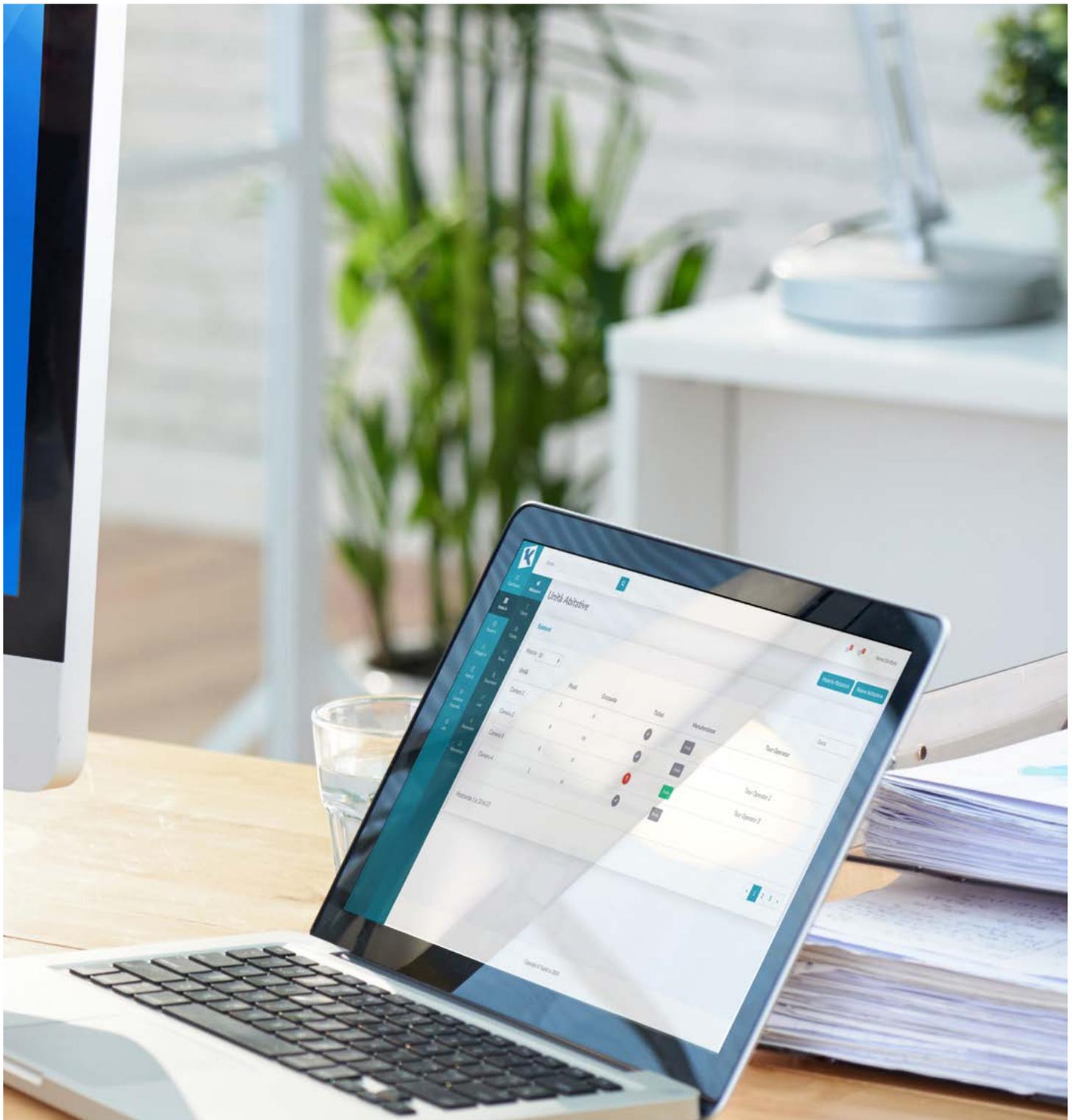
Wired Control

Heating and Cooling	Automatic operation	Dry Mode	5 Speed ventilation	Turbo	I Feel	Sleep	Wi-Fi Optional	Room temperature control
Quiet	Timer	Self-Cleaning	Intelligent defrosting	Anti Cold air at heat. start-up	Auto Restart	Self-Diagnostics		





**THE FACILITY  
MANAGEMENT**



Climacard System and Thermostat

AIR CONDITIONING SYSTEM CONTROL AND MANAGEMENT

## Climacard System and Thermostat

The Climacard system was created to meet environmental sustainability goals and meet the energy-saving needs in tourist facilities. This device can be used by guests **to avoid waste, preventing the operation of air conditioning systems in the absence of facility staff.**

Each **Smartcard** is equipped with rechargeable time credits directly managed in a simple manner by reception staff. The card may be fully customized for individual tourist facilities; it is delivered to the guest who can air-condition the mobile home by inserting it into an easy-to-use reader.

The **Thermostat** controls the temperature of the room, makes the air conditioner use easier without the remote control, with simplicity and safety.

The correct and thoughtful use of the air conditioning system through this device will reduce maintenance costs and system technical service interventions.



**Thermostat**



**Smartcard reader**



## Climacard System **benefits**

### Without Climacard **With Climacard**

<b>AIR CONDITIONERS</b> 9000 btu inverter technology	100	100
<b>CONSUMPTION</b> medium air conditioning	650 w/h	650 w/h
<b>TOTAL CONSUMPTION</b> 100 air conditioners per hour	65 kw/h	65 kw/h
<b>AVERAGE</b> daily operation	<b>16 ore</b>	<b>8 ore*</b>
<b>DAYS</b> per season	90	90
<b>TOTAL</b> consumption	93.600 kW/h	46.800 kW/h

#### TOTAL COST AIR CONDITIONING IN SEASON

€ 56.160\*\*

€ 28.080\*\*

\* a prepaid card with 8 hours / day of credit is given  
\*\* estimated calculation on electricity cost € 0.60 kW / h





## RENEWABLE ENERGIES



photovoltaic systems and shelters

**ROOF SYSTEMS AND PARKING SHELTERS**



Car charging stations

**ELECTRIC CARS CHARGING**

## Photovoltaic shelters

Entrusting power generation to renewable energy sources while de-carbonising the electricity system is a goal that ECA Technology fully believes in and is continuing to promote. This is why it guarantees and encourages installation of **customised photovoltaic systems** for all building types, whether they be private homes, public buildings or production plants.

ECA Technology panels feature a unique combination of components that provide high performance and ease in installation, ensuring efficiency and high long-term returns.

The **photovoltaic shelter** in particular, allows an easy and quick installation, as it does not require building works or masonry interventions and its supports are easily adaptable to any type of ground.

Solar panels orientation and sizing are ensured by a constant technical support and qualified advice to ensure efficiency and electrical performance.



## The green Structure



## Car charging stations

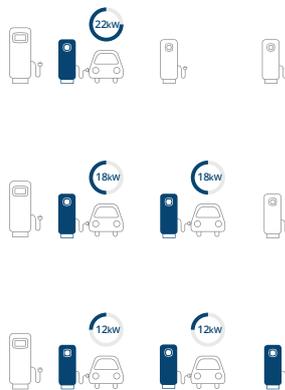
A simply solution to intelligently manage electric cars charging. Thanks to the continuous technological innovation, homes, companies and accommodation facilities will enjoy easy-to-install and manageable solutions for electric vehicles charging.

## Smart charging

Power Sharing constantly measures the available power for the charging network and automatically distributes it to all connected charging points. In this way, it allows the simultaneous charging of multiple electric vehicles in less time, using the available infrastructure power in a more efficient and balanced way.

## Power Sharing

Total capacity of the infrastructure: 36 kW





## E·PURO AIR PURIFIERS

## ECA TECHNOLOGY AIR PURIFIERS



Epuro EP1200  
AIR PURIFIER UP TO 150 m<sup>2</sup>



Epuro EP400  
AIR PURIFIER UP TO 50 m<sup>2</sup>



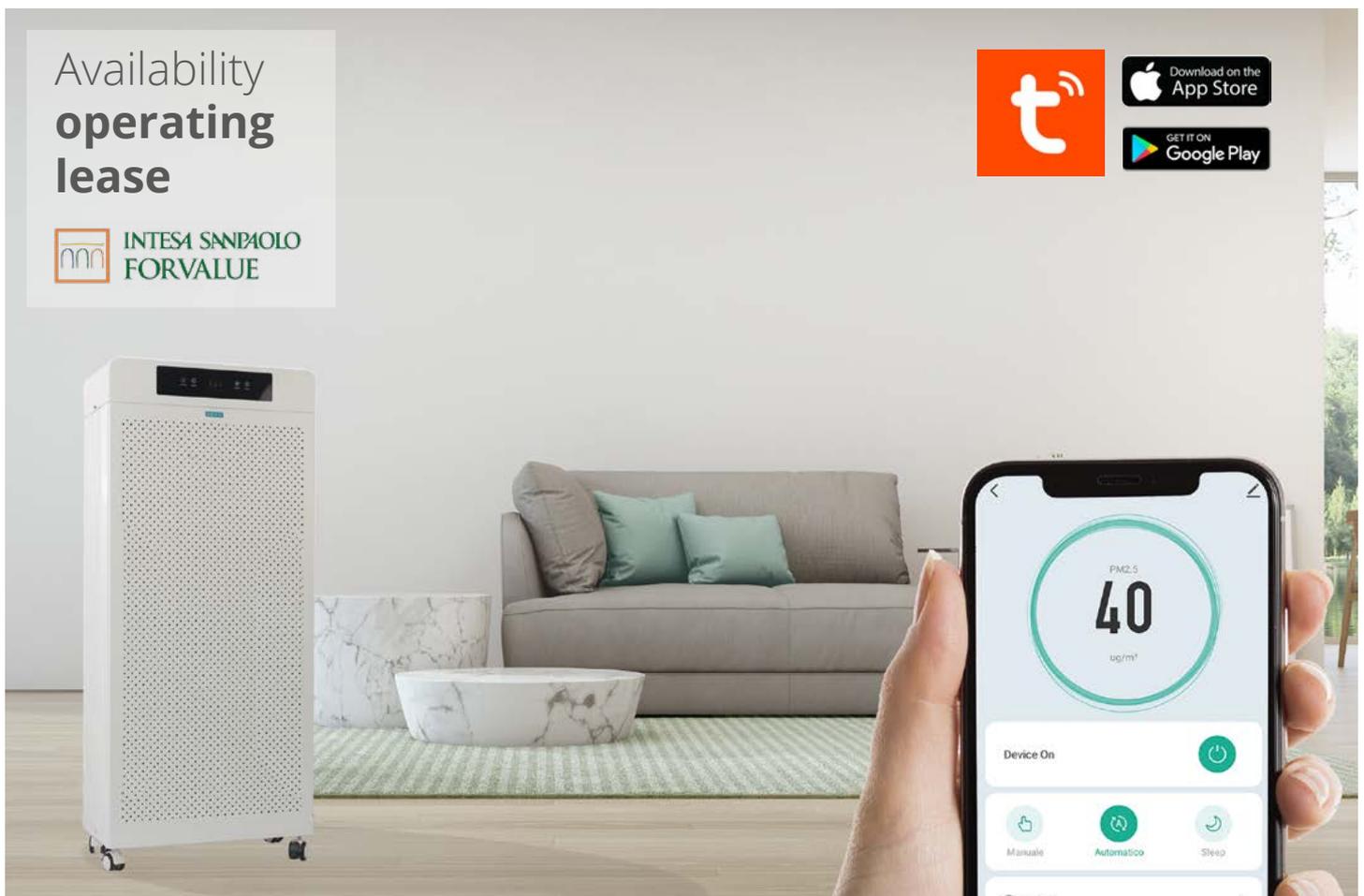
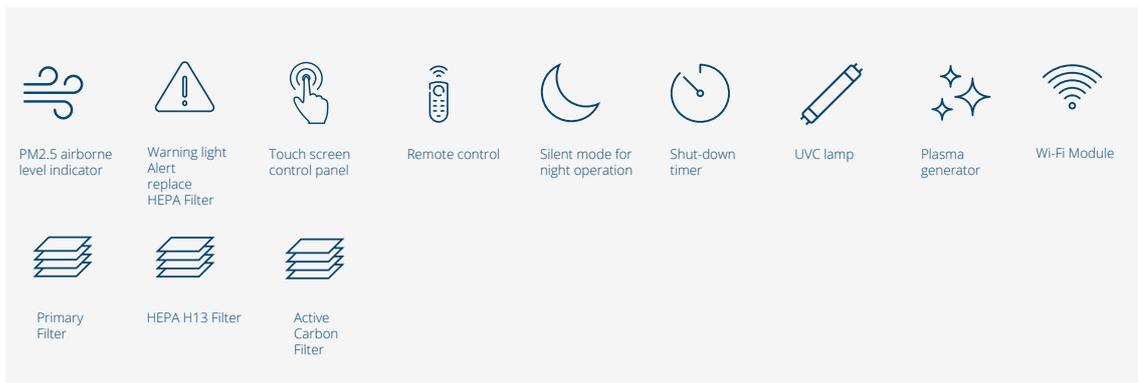
Epuro EP100  
AIR PURIFIER UP TO 15 m<sup>2</sup>

## ECA TECHNOLOGY AIR PURIFIERS

### E·puro Air purifiers

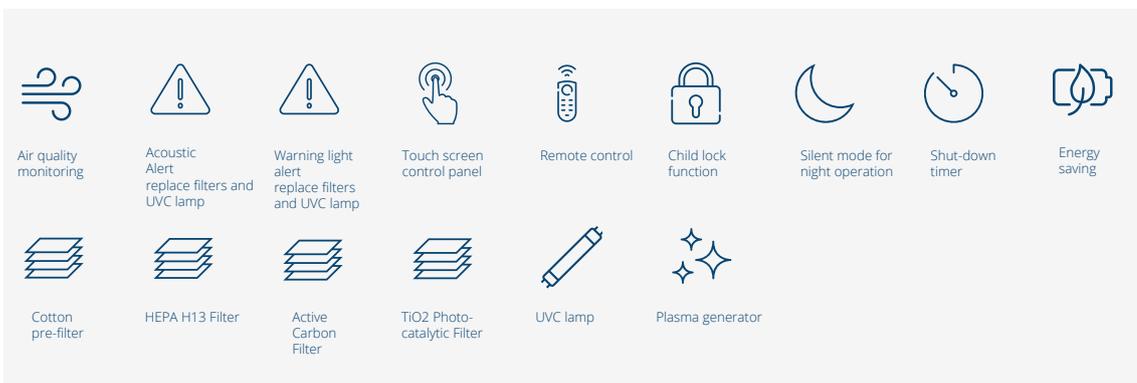
Epuro, the air sterilizer studied and designed specifically for the comfort and hygiene of accommodation facilities is a device created to improve the air in indoor environments, where most of the time is spent.

With Epuro it is meant not only to pay attention to the respect and observance of the legislation but above all to constantly strive to ensure standards of hygiene and safety for customers well-being and protection.



## ECA TECHNOLOGY AIR PURIFIERS

### E·puro Air purifiers



The device aspirates the air, **captures and filters out pollutants** such as fine dust (PM10 and PM2.5 from the outside pollution), formaldehyde, pollen, allergens, airborne organic compounds, cleaning product gases, odours and fumes using **4 levels of filtration**:

1. Cotton Pre-Filter
2. HEPA H13 Filter
3. Active Carbon Filter
4. TiO2 Photo-catalytic Filter

It then **neutralises ultra-fine particles** as well as Viruses, Moulds and Bacteria using a germicidal sterilising **UVC Lamp**.

Lastly, it **diffuses health-beneficial sterilised air** using an integrated **Plasma Generator**. This is activated when the UVC lamp is in operation and releases positive and negative ions into the air. By increasing the size of the polluting particles, these ions enable the purifier's filters to trap them and eliminate them more easily.



**HEAT PUMP  
WATER HEATER**

## PRODUCTION OF DOMESTIC HOT WATER

### Heat pump **water heater**

The new high-efficiency heat pump boilers produce domestic hot water in a quickly and easily way.

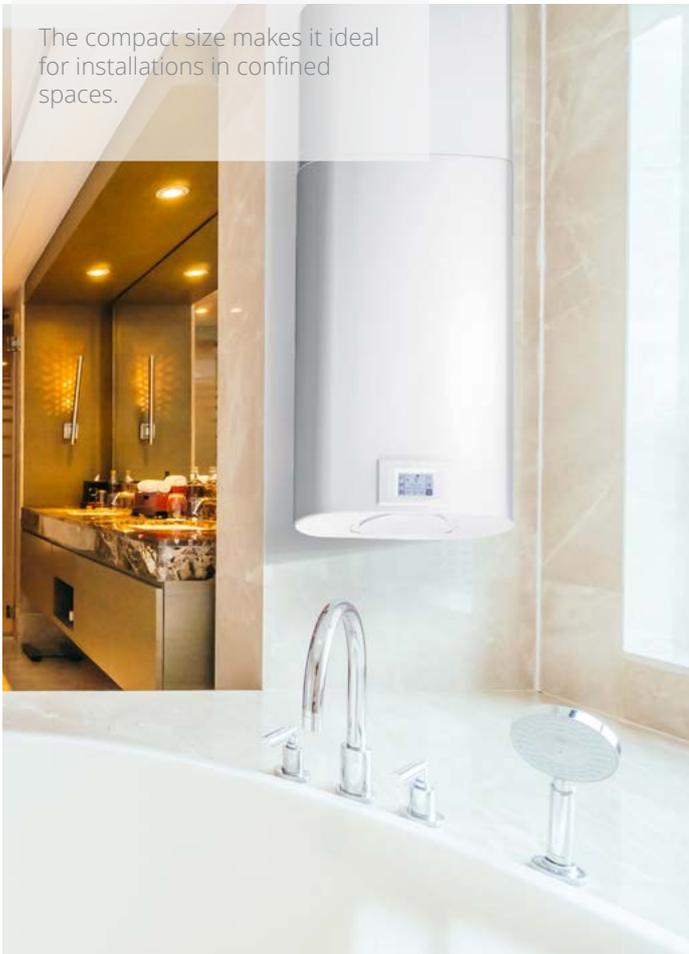
Made with high-quality and ecological thermal insulation materials, they guarantee a more profitable use of energy and less heat loss.



							
Self-Diagnostics	Auto-restart	Touch screen display	Turbo	Anti-Legionella	Timer	-7°C +45°C	Defrost and frost protection

### Wall-mounted **water heating**

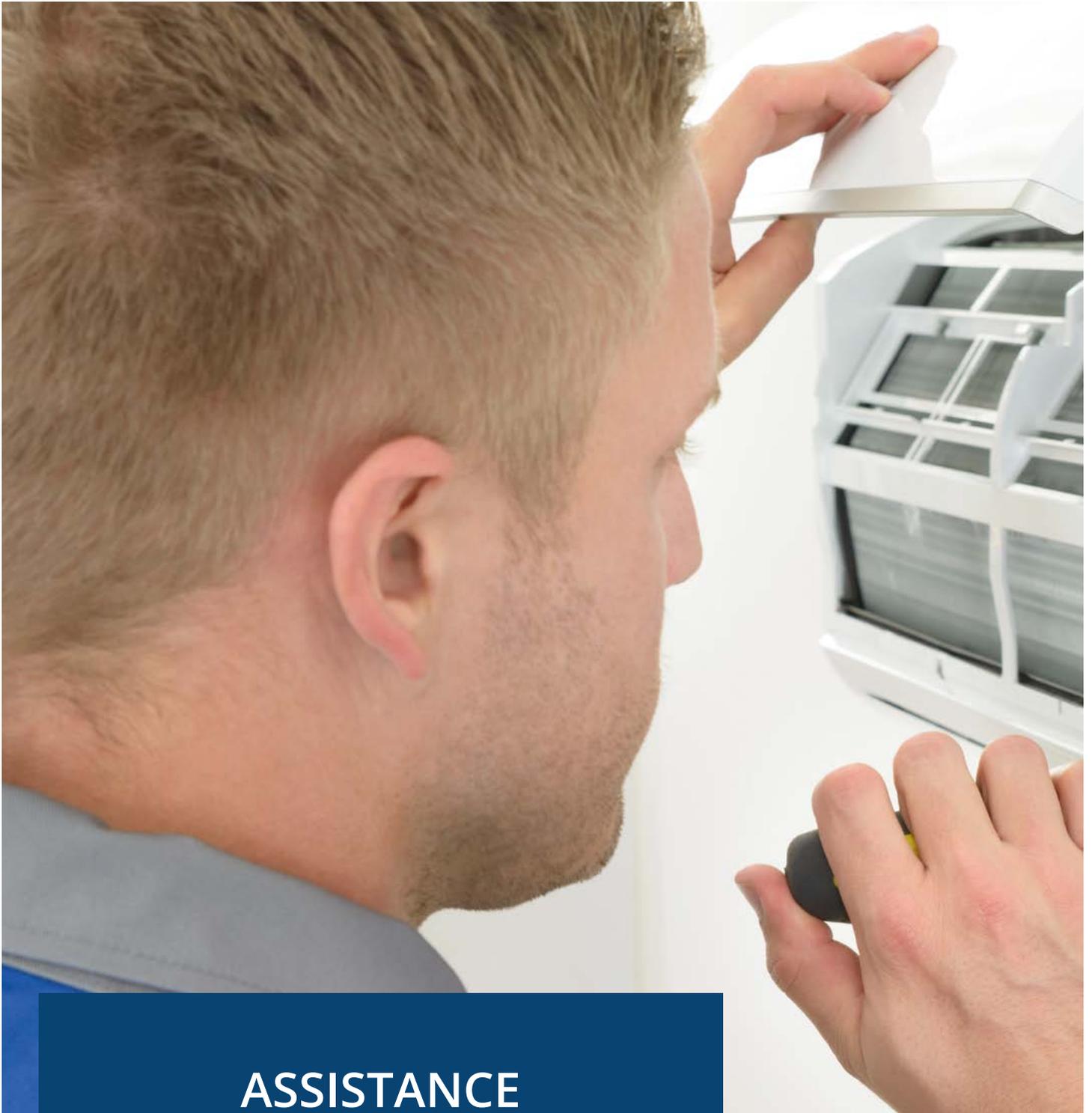
The compact size makes it ideal for installations in confined spaces.



### Floor-standing **water heating**

With 270 liter stainless steel tank.





**ASSISTANCE  
AND MAINTENANCE**



Installation, Assistance and Maintenance

**365 DAY ASSISTANCE AND ALWAYS AVAILABLE SPARE PARTS**

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Your customers breathe clean air

**AIR CONDITIONERS CLEANING PRODUCTS**

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## ASSISTANCE AND MAINTENANCE

### Constant **installation, assistance** and **maintenance**

ECA Technology is present throughout Europe in hundreds of accommodation facilities, campsites and hotels with Syntek brand products.

Over 40 years of activity allow us to offer customers **innovative products** and **services**. The network of **After-sale service centers** is available for specialized **Installations, Assistance and Maintenance** all year round, even in high season. Thanks to the intervention of specialized technicians, owning the mandatory F-GAS license, we are able to offer a complete service of pre-seasonal maintenance solutions for air conditioners.

### **Spare parts** always available 365 days a year

Air conditioning represents the essential comfort in any type of tourist facility. Their correct functioning over the years becomes fundamental.

In all seasons, but **especially in very high season**, ECA Technology provides a well-stocked **spare parts** warehouse for the entire range of air conditioners.



## Your customers breathe **clean air**

Use **specific products for cleaning air conditioners**, to preserve their operation for a long time is becoming increasingly important.

ECA Technology offers to all owners of air conditioners a products line for **indoor and outdoor units** complete cleaning.

Proper cleaning and proper maintenance allows you to breathe **cleaner air** and **extends the life of the air conditioner**: it's about evaporators specific sanitizers; quick-acting filter cleaners for removing dust; condensation treatment tablets which prevent the phenomenon of putrefaction and the formation of algae and mucilage.





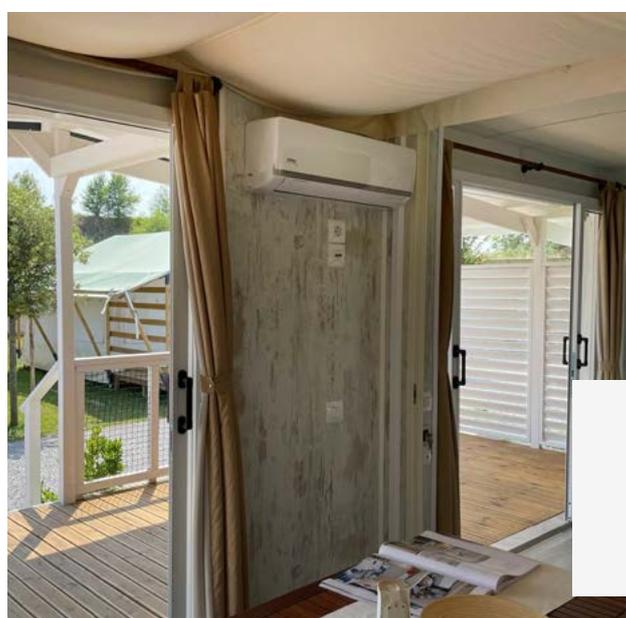
**Hotel Hilton, Olbia, Italy:**

Photovoltaic shelters for the hotel parking



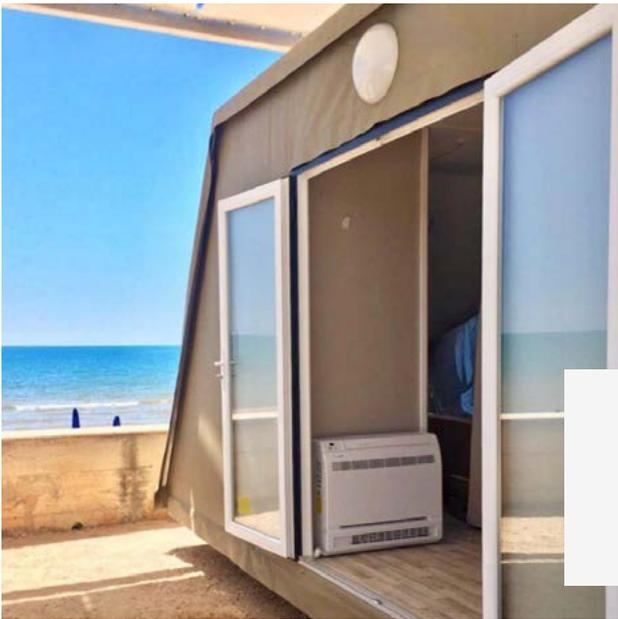
**Mobile Home, Emilia Romagna, Italy**

Wall air conditioning Syntek Shine line



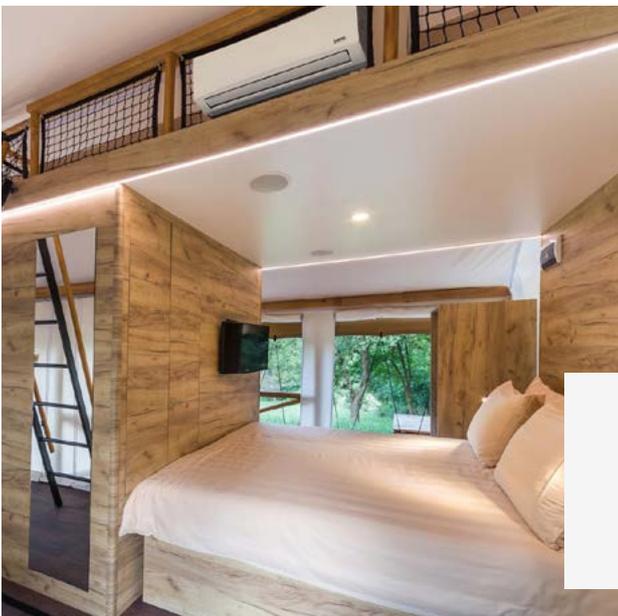
**Mobile Home, Holland**

Wall air conditioning Syntek Shine line



### Glamping, Sicilia, Italy

Air conditioning Console FeelPlus+ floor ceiling line



### Luxury Glamping, Croatia

Wall air conditioning Syntek Easy line



### Mobile Home, France

Climarcad system for the energy management of the airco plant

# 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.



## Consultation

professional consultation and direct relationship



## Products

that are reliable, spare parts that are always available



## Support

direct technical support



## Extensive network

of agencies and dealers

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On the occasion of the company's 40th anniversary, with the purchase of each ECA Technology \* product, a tree will be planted with the aim of contributing to fine particles and CO2 reduction, increasing the biodiversity present in nature.

\* Subject to restrictions

**SYNTEK**<sup>®</sup>  
CLIMATIZZATORI

a brand of

**ECA TECHNOLOGY SRL**

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