



Exclusive technologies for tourism

ALL ESSENTIALS SOLUTIONS FOR TOURIST FACILITIES COMFORT

THE COMPANY ECA TECHNOLOGY	3
THE IDEAL FULLY ELECTRIC STRUCTURE	4
AIR CONDITIONING	6
Syntek Shine Mono and Multi Wall air conditioner	7
Syntek Shine + Wall air conditioner	9
FeelPlus+ Console Console Air conditioner	10
Diffused Air Conditioning	11
THE FACILITY MANAGEMENT	12
Climacard System and Thermostat	13
RENEWABLE ENERGIES	14
Photovoltaic Shelters & Car charging station	15
AIR PURIFIERS	16
Epuro Air purifiers	17
DOMESTIC HOT WATER PRODUCTION	18
Heat pump water heater	19
ASSISTANCE AND MAINTENANCE	20
Installation, Assistance and Maintenance	21
TOURISM REFERENCES	22



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 to our 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.

Widespread presence
all over Europe

SYNTEK[®]
CLIMATIZZATORI



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

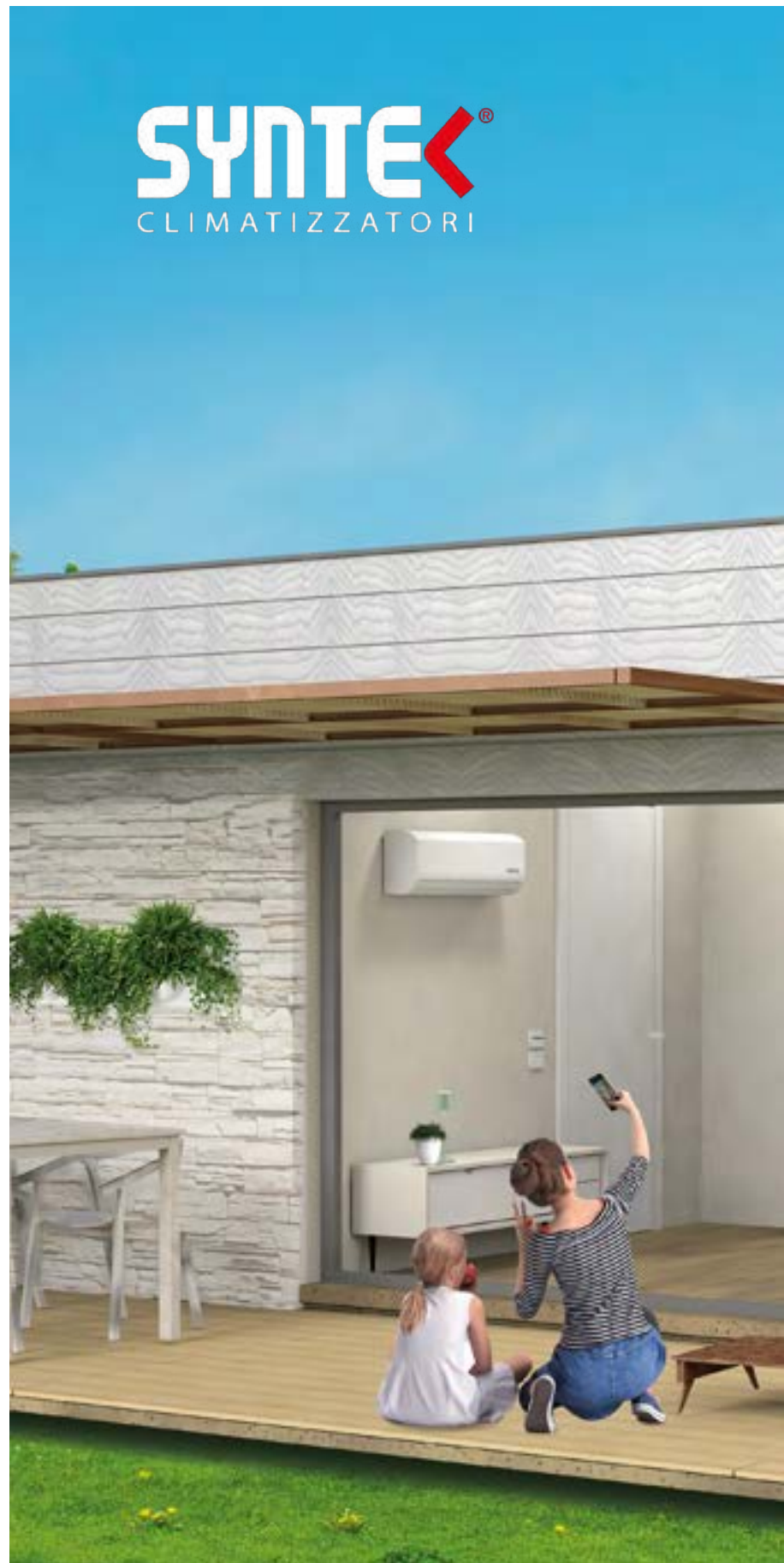
The heat pump water heater can be installed by combining it with a photovoltaic and / or solar water heating system, to increase the efficiency of tourist facilities.

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.



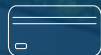
THE IDEAL FULLY ELECTRIC STRUCTURE



ECA Technology offers a complete system:



Air Conditioning



Energy Management



Solar Photovoltaic
& Car charging stations



Solar water heating



Air purifiers



Domestic hot water production



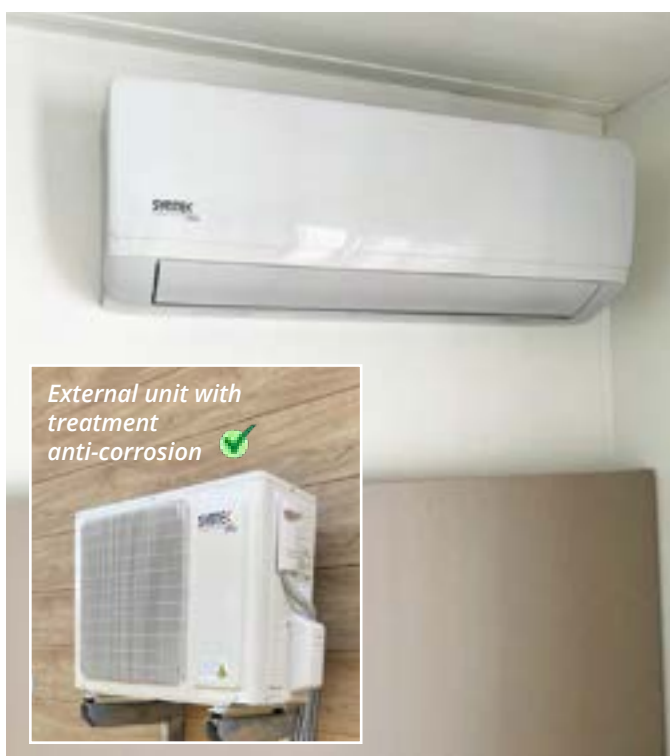
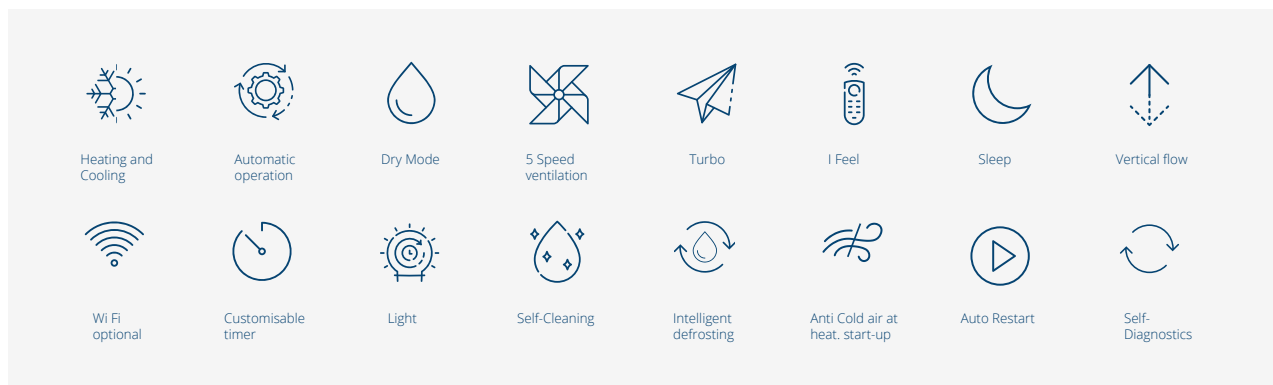
Assistance and maintenance 365 days





AIR CONDITIONING

Syntek Shine Wall Air Conditioner



The wall units of the Syntek line are characterized by a **linear and ultra-compact design**.

Syntek is the concrete answer to the need for climate comfort, simplicity of installation and use: it can be installed anywhere, even in smaller environments.

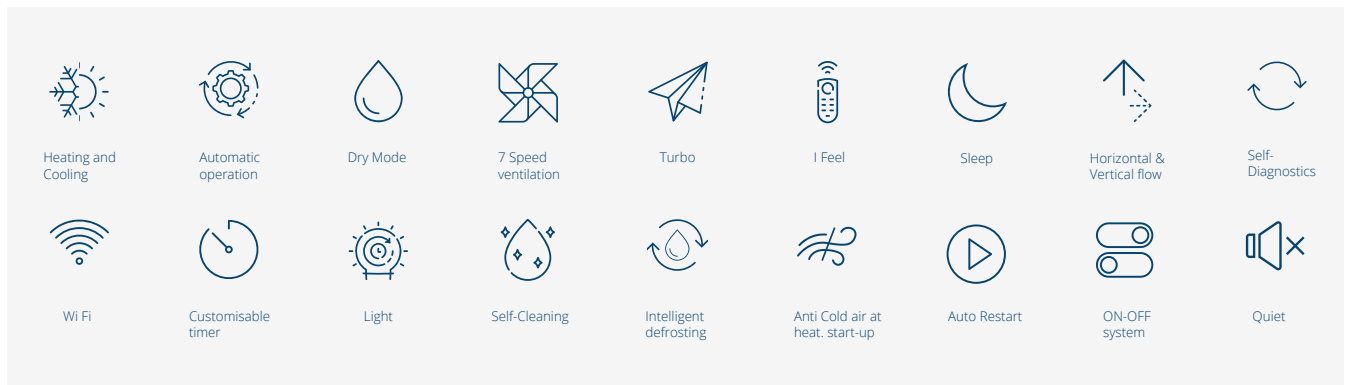
Only **69.8 cm** long for Syntek Shine in the 9,000 btu size.

Model availability
9.000, 12.000, 18.000 e 24.000 btu



**In riferimento alla taglia 9'000 btu.
Le immagini riportate sono da considerarsi indicative e finalizzate alla miglior comprensione del testo.*

Syntek Shine + Wall Air conditioner



Even more comfort with **7 fan speeds**,

Even smarter with **WiFi as standard**,

Even quieter thanks to **quiet mode**,

Even more functional thanks to **integrated ON-OFF system** for complete control of the electrical circuit.

It's not just Shine
It's *Shine+*

- + COMFORTABLE
- + SMART
- + SILENT
- + FUNCTIONAL

Model availability

- 9.000 btu
- 12.000 btu
- 18.000 btu
- 24.000 btu

Syntek Shine + Wall Air conditioner

Shine+ Because it's even more:



7 ventilation speeds for greater comfort



Standard Wi-Fi for remote control



Connection for on-off key system



Quiet mode for maximum silence

Multisplit solution



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



Multi-split solution available for all models

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

Console FeelPlus+ Air conditioner

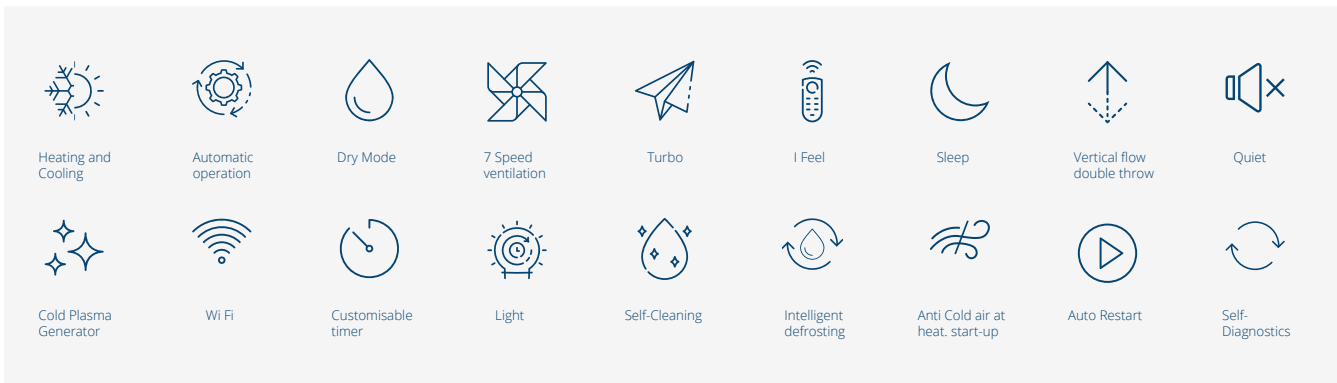
The FeelPlus+ line Console version is the ideal air-conditioning solution to guarantee **diffused, uniform distribution of air** inside rooms via upper and lower (floor) flow.

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.



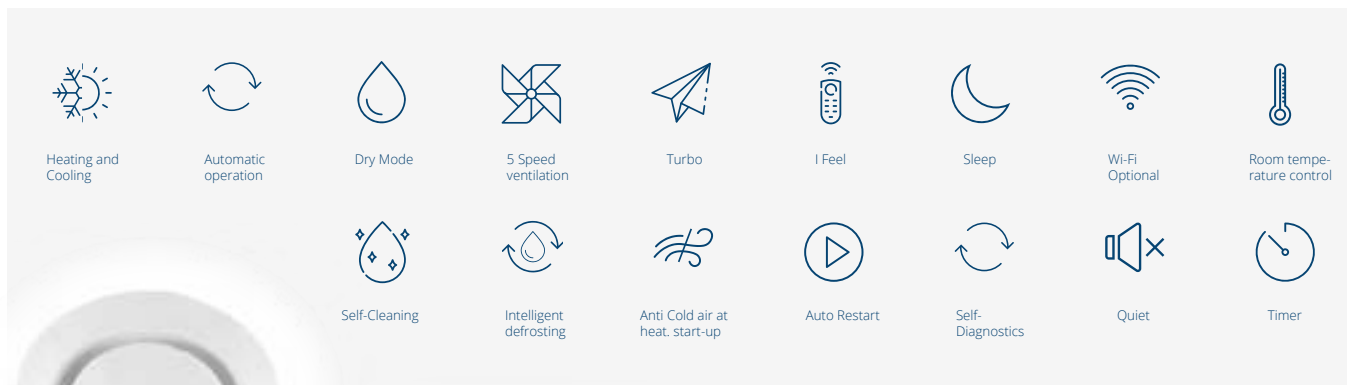
Model availability
9.000, 12.000, 18.000 e 24.000 btu



Diffused Air conditioning

ECA Technology's DC Inverter diffused air air conditioner is designed to integrate perfectly into mobile homes and **uniformly spread the air** inside them.

It is possible to **air condition from 1 to 5 rooms** making the holiday homes comfortable in every environment.



Enjoy the **comfort** without seeing it

Disponibilità modelli

- 12.000 btu
- 18.000 btu
- 24.000 btu



**RISPARMIO ENERGETICO NELLA
STRUTTURA TURISTICA**

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 guests.**

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.



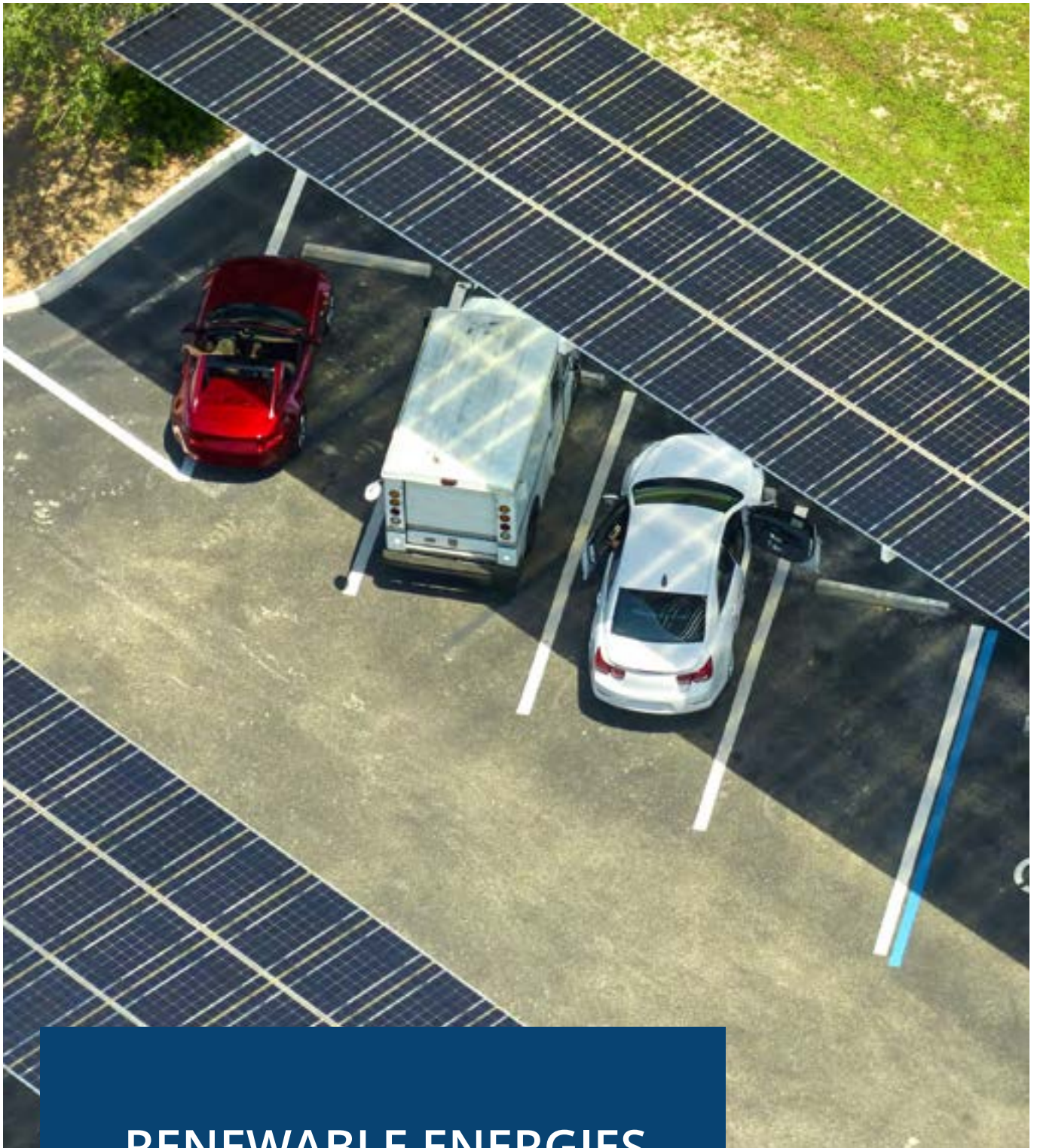
Smartcard reader



Thermostat

	Without Climacard	With Climacard
AIR CONDITIONERS 9000 btu inverter technology	100	100
CONSUMPTION average air conditioning	650 w/h	650 w/h
TOTAL CONSUMPTION 100 air conditioners per hour	65 kw/h	65 kw/h
AVERAGE daily operation	16 hours	8 hours*
DAYS per season	90	90
TOTAL consumption	93.600 kW/h	46.800 kW/h
TOTAL COST AIR CONDITIONING IN SEASON	€ 28.080**	€ 14.040**

* a prepaid card with 8 hours / day of credit is given
** estimated calculation on electricity cost € 0.30 kW / h



RENEWABLE ENERGIES

Photovoltaic systems and shelters

The **photovoltaic shelter**, an excellent solution for the parking lots of tourist facilities, is easy to install, as it does not require building works or masonry work and its supports are easily adaptable to any type of terrain.

The orientation and sizing of the solar panels are ensured by constant technical support and qualified consultancy to guarantee efficiency in operation and optimal electrical performance.



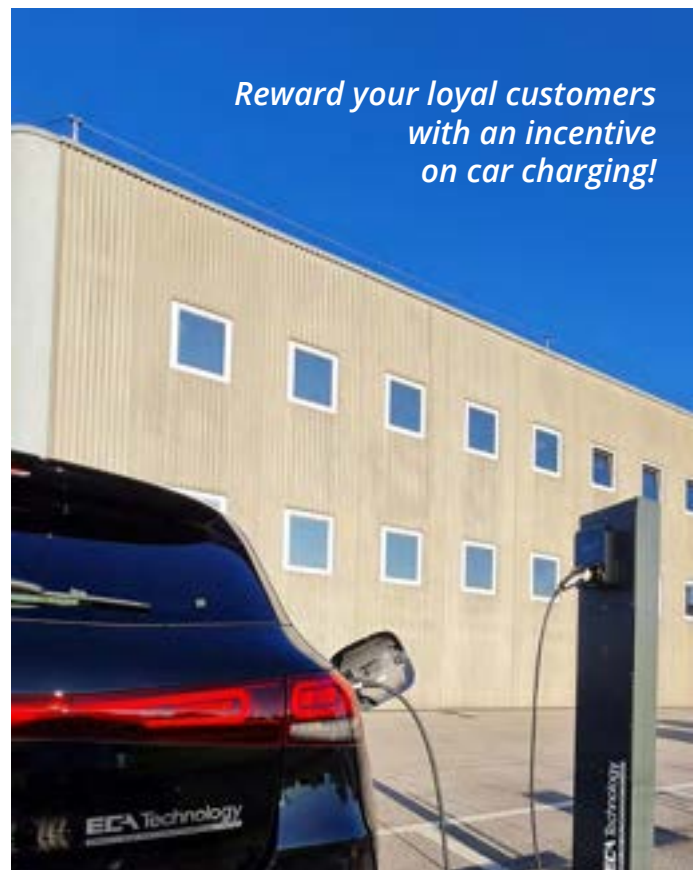
Car charging stations

Increasingly simple solutions to intelligently manage the charging of electric cars.

Thanks to continuous technological innovation, homes, companies and accommodation facilities will benefit from solutions for **charging electric vehicles** that are easily installed and conveniently managed remotely.



With RFID cards, payment for the customer is simplified!



ECA TECHNOLOGY AIR PURIFIERS

Epuro, the air sterilizer studied and designed specifically for the comfort and hygiene of environments dedicated to accommodation facilities.

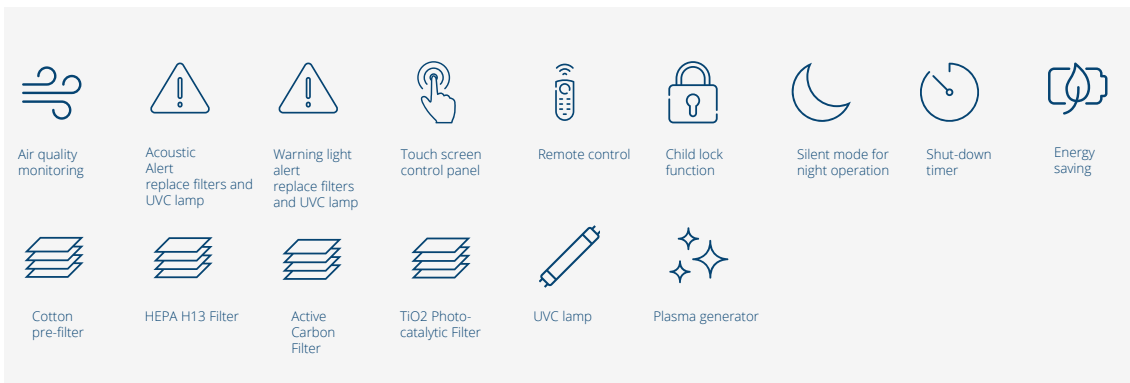
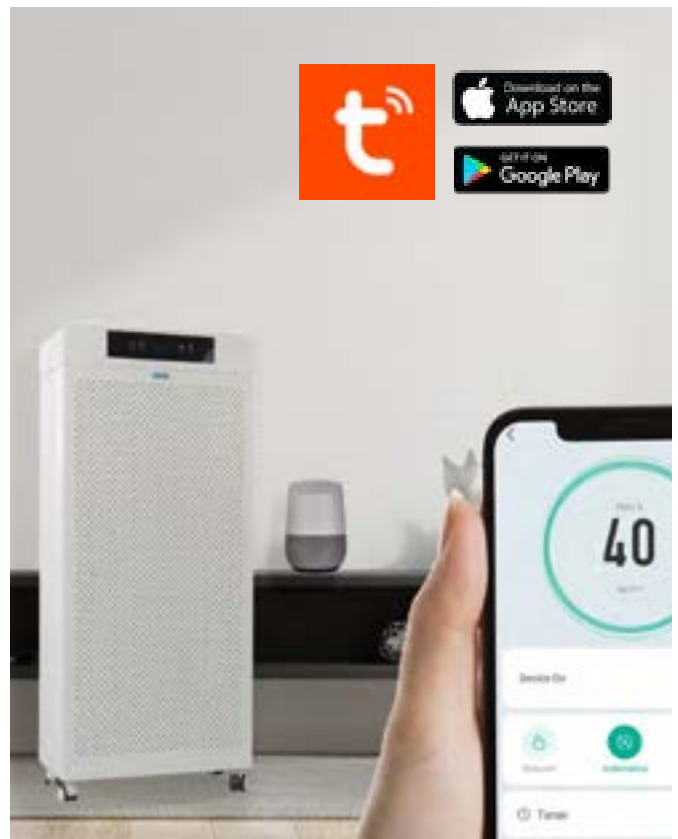
A device created to improve the air in indoor environments, where most of the time is spent, such as restaurants, receptions, meeting rooms.



AIR PURIFICATION

ECA TECHNOLOGY AIR PURIFIERS

E·puro Air purifiers

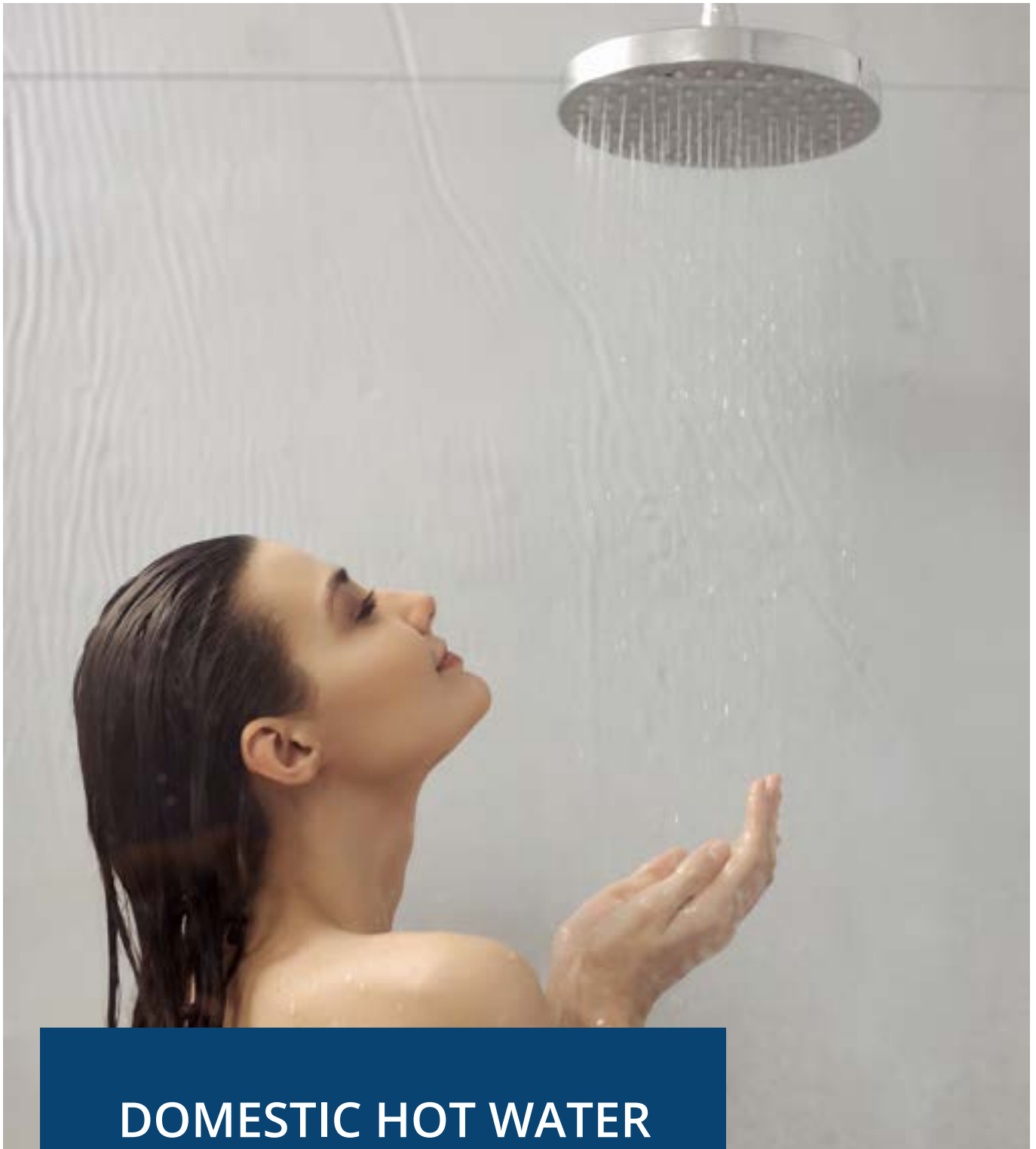


The device aspirates the air, **captures and filters out pollutants** such as fine dust (PM10 and PM2.5 from the outside pollution), formaldehyde, pollen, allergens, airborne organic compounds, cleaning product gases, odours and fumes using **4 levels of filtration**:

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.



**DOMESTIC HOT WATER
PRODUCTION**









PRODUCTION OF DOMESTIC HOT WATER

Heat pump **water heater**

The new high efficiency heat pump boilers **produce domestic hot water quickly and easily and guarantee maximum savings.**

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



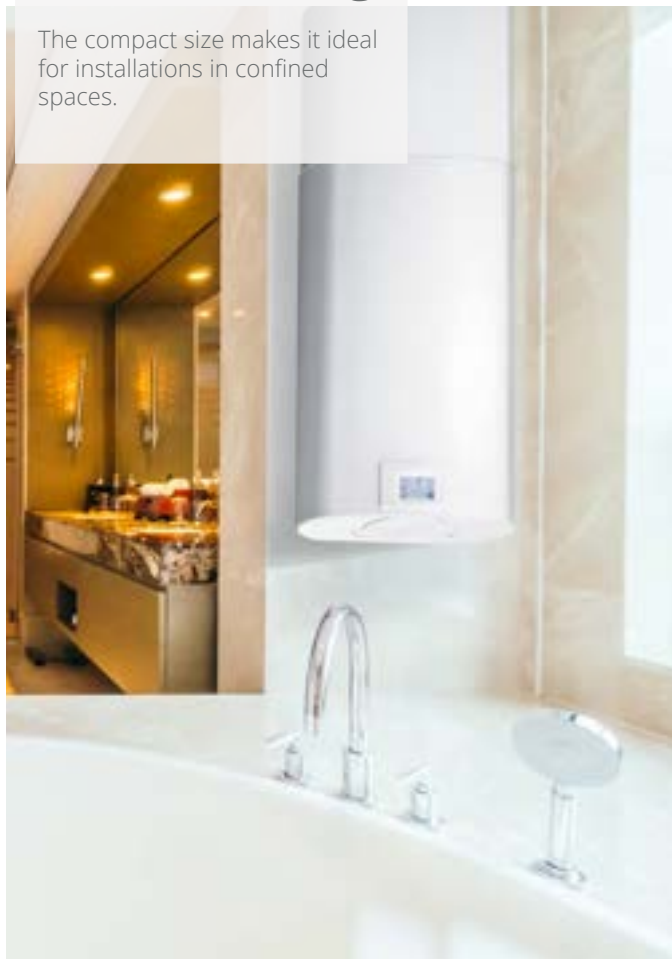
							
Self-Diagnostics	Auto-restart	Touch screen display	Turbo	Anti-Legionella	Timer	- 7C° +45 C°	Defrost and frost protection

Greater efficiency:
Energy saving
Economic Savings



Wall-mounted **water heating**

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



Floor-standing **water heating**

With 280 liter stainless steel tank.



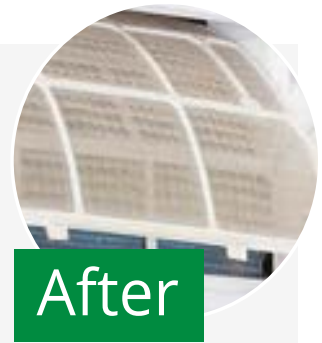


**ASSISTANCE
AND MAINTENANCE**



Maintenance **Solutions**

Thanks to the intervention of specialized technicians, in possession of the mandatory FGAS License, we are able to offer a complete service through pre-season maintenance solutions for air conditioners.



SOLUTIONS

- CLEANING FILTERS WITH ANTI-LEGIONELLA PRODUCTS
- CLEANING THE INTERNAL UNIT BATTERY
- CLEANING FAN MOTOR
- CLEANING OUTDOOR UNIT
- CHECK GAS PRESSURE
- GAS REFILL (if necessary)
- CHECK GOOD SYSTEM OPERATION

BASIC



MEDIUM



PLUS



Cleaning is carried out with specific products:

- Concentrated cleaners for internal and external units
- Tablets for treating condensation
- Sanitizers



Spare parts always available



The network of Technical Assistance Centers is available for installations, assistance and specialized maintenance all year round, even in high season and the spare parts warehouse is always stocked and available. **Send an email to ricambi@ecatech.it**



TOURISM REFERENCES



Hotel Hilton, Olbia, Italy:

Photovoltaic shelters for the hotel car park



Mobile Home, Emilia Romagna, Italy

Wall air conditioning Syntek Shine line



Mobile Home, Holland

Syntek Easy line wall air conditioning



TOURISM REFERENCES



Glamping, Sicily, Italy

Air conditioning Console floor to ceiling FeelPlus+ line



Luxury Glamping, Croatia

Syntek Shine line wall air conditioning



Mobile Home, France

Climacard system for management energy of the system



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

FOLLOW @ecatechnology



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[®]
CLIMATIZZATORI

a brand of

ECA TECHNOLOGY SRL

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