



**GLOBAL  
INNOVATION**  
PATENT PENDING

**PLEION**  
*Il n.1 del Solare Termico in Italia!*

# EGO

## Smart.Solar.Box

**Lexan\*** Tough  
Film and Sheet Virtually  
Unbreakable



**THE LIGHTEST SOLAR WATER HEATER**

# EGO

## Smart.Solar.Box

### Must the solar collector panel necessarily be made of glass?

**EGO Smart.Solar.Box** has abandoned glass for a lighter and more resistant material: **LEXAN®**. We have reduced the weight but not the quality, and we have improved performance. The new panel in **LEXAN®** considerably reduces the dispersion of heat compared to traditional glass, it eliminates the condensation effect, and it increases resistance to adverse weather conditions. Lastly, the exclusive design of the frame makes the solar water heater very similar to an attic window. **As the saying goes: "Less is more!"**

#### 1 LEXAN® ALVEOLAR POLYCARBONATE

- **VIRTUALLY UNBREAKABLE**, RESISTANT TO ALL WEATHER CONDITIONS, 250 TIMES MORE RESISTANT THAN GLASS.
- **TRANSPARENCY**, EXCEPTIONAL SOLAR RADIATION CONDUCTION CAPACITY.
- **LIGHTWEIGHT 80% LIGHTER THAN GLASS**
- **HIGH PERFORMANCE**, DRASTIC REDUCTION OF HEAT DISPERSION DURING THE NIGHT
- **DOUBLE UV PROTECTION**

### Why are all solar water heaters so heavy?

**EGO Smart.Solar.Box** is 40% lighter thanks to the combination of new materials: installation is easier and



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# For SMART people with a GREEN heart!

We have used the most innovative materials on the market and the most intelligent technical solutions:  
**EGO Smart.Solar.Box. is thus the lightest, most efficient, best insulated, most resistant, easiest to install and easiest to inspect system, and it is 100% recyclable.**

## Why are all solar water heaters so ugly?

Design and functioning, all in one.  
**EGO Smart.Solar.Box** is beautiful from all viewpoints.

**3**

### THE FRAME

The easy-to-change frame makes this a design object suitable for any architectonic context and at the same time allows for fast installation and easy maintenance.

**4**

### THE SUPPORT BRACKETS

Light and elegant in 100% recyclable material, they facilitate assembly and transport. (Available in the BASIC version, or in the DELIGHT version as an optional)

## Why do all solar water heaters develop a lot of problems?

Most of the thermosiphon solar water heaters







## Smart.Solar.Box

# The excitement of using the sun to heat your life.

It is exciting to think of being able to use the sun as an inexhaustible source of energy and of well-being without ruining the planet, guaranteeing a more healthy and cleaner future for the generations to come, and without spending a cent. With **EGO Smart.Solar.Box**, you experience this excitement from the very first day, from your first hot shower, from the comfort of energy that is your friend. **It's easy to fall in love.**

## How does the magic work?

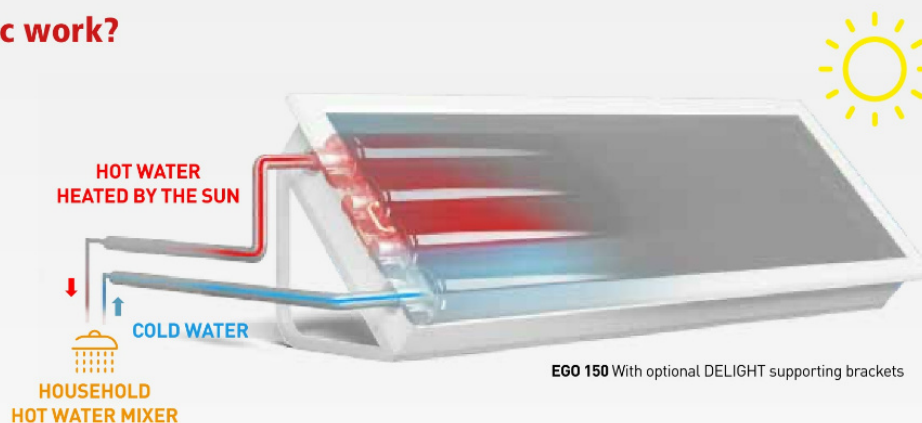
- **HOT WATER THROUGHOUT THE YEAR\* ALSO WITH SCARCE SUNSHINE.**

\* Even when the temperature is very cold, with optional electrical resistance.

- **READY TO USE SOLAR SYSTEM, ALL IN ONE BOX! INSTALLED IN JUST A FEW MINUTES.**

- **5 YEAR guarantee, providing installation and use conform.**

- **RESISTANT TO EVEN THE MOST AGGRESSIVE WATER.**



**EGO Smart.Solar.Box** is a compact and integrated solar water heater, ALL-IN-ONE: the era of those awful outdoor cylinders is over!

Special steel pipes contain the necessary water (depending on the size you choose) which is quickly heated by the sun and sent into your system.

And that's all, there's nothing simpler. But the exclusive technology used is one of the most advanced, like the materials chosen for the construction components.

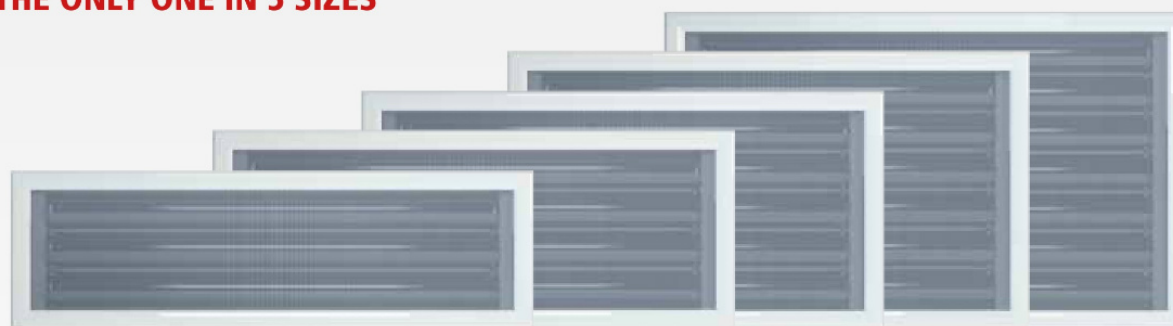
## INSTALLATION

# To everyone, his size, the right size for his well-being.

With **EGO Smart.Solar.Box** you can choose from no less than 5 sizes, each designed to perfectly satisfy your well-being and saving requirements. From the versatile 110 litres, the featherweight of the range weighing **36 Kg**, perfect for a myriad of uses, to the powerful 260 litres, for the most demanding needs.

**Find the one most suitable for you and for your family's comfort.**

## THE ONLY ONE IN 5 SIZES



**EGO 110**  
1,52 m² - 105 litri

**EGO 150**  
1,93 m² - 140 litri

**EGO 180**  
2,35 m² - 175 litri

**EGO 220**  
2,77 m² - 210 litri

**EGO 260**  
3,18 m² - 245 litri

	EGO 110	EGO 150	EGO 180	EGO 220	EGO 260
<b>TOTAL area of the collector</b>	1,52 m²	1,93 m²	2,35 m²	2,77 m²	3,18 m²
<b>Dimensions L x D x H</b>	2136x711x220	2136x906x220	2136x1101x220	2136x1296x220	2136x1491x220
 1-2	 1-2	 2-3	 3-4	 4-5	 5-6
<b>Weight</b>	36 kg	43 kg	50 kg	57 kg	64 kg
<b>Capacity</b>	105 litres	140 litres	175 litres	210 litres	245 litres

# A minimalist design in 5 splendid colours.

**EGO Smart.Solar.Box** is the first and only system with an interchangeable frame in 5 different colours\* to make it even more "yours" and to fit in perfectly with the environment in which it is installed.

\* MOON WHITE and RED TILE ROOF are the STANDARD colours – the other colours are available to order, with minimum quantities and delivery times to be agreed with the customer.

## THE ONLY ONE IN 2 COLOURS



ON REQUEST\*



NIGHT BLACK\*



SILVER\*



GREEN FOREST\*

## With all accessories.

**EGO Smart.Solar.Box** already includes everything, but it also offers a series of accessories and optionals to augment performance and to customise the design to fit in with your world and your personality.

### BASIC SUPPLY



#### BASIC SUPPORTS

- Galvanised metal brackets for installing the system on flat roof



### OPTIONAL - ON REQUEST

#### ELECTRICAL HEATING ELEMENTS RESISTANCES FOR WATER HEATING BACK UP AND/OR ANTIFREEZE PURPOSE

Recommended for pre-heating the water and/or to protect against freezing.



- ANTIFREEZE ELECTRICAL RESISTANCE (300 W)

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# Making the world a better place, one solar water heater at a time.

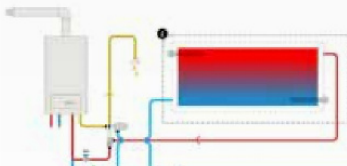
We have created **EGO Smart.Solar.Box** for everyone, we conceived it for those who really believe in renewable energy. Ambassadors of a philosophy that wants to change the world, one roof at a time. We are revolutionaries and we want revolutionary customers, full of ideas and enthusiasm. **EGO Smart.Solar.Box** is the right tool at the right time to revolutionise the way you keep warm. **With applications that have no limits.**



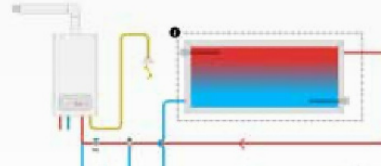
## Examples of typical installations

**EGO Smart.Solar.Box** can be installed in several different ways.

Hydraulic connection with traditional  
heat generator



Hydraulic connection with heat generator  
for solar integration





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