

• **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.**

IDEAL FOR SMALL, MEDIUM AND LARGE WORK SITES

Front panel in innovative, ultra-strong material.

The new All-in-One natural circulation solar system, all in a box.

EGO PRIME has abandoned glass for a lighter and more resistant material: **LEXAN™ THERMOCLEAR™**. We have reduced the weight but not the quality, and we have improved performance. The new panel in **LEXAN™ THERMOCLEAR™** considerably reduces the dispersion of heat compared to traditional glass, it eliminates the condensation effect, and it increases resistance to adverse weather conditions.



100% MADE IN ITALY

**LEXAN® THERMOCLEAR™
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

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GLOBAL INNOVATION
PATENT PENDING



All-in-One Solar Water Heater

EGO
PRIME

www.pleion.it

The most reliable against aggressive water!

We have used the most innovative materials on the market and the most intelligent technical solutions:

HOUSEHOLD WATER STORAGE

For household water storage, a new alloy has been used, with the capacity to resist corrosion even in the case of the most aggressive water.

CANOPIES

Constructed in plastic material with a high percentage of glass fibre, they are more resistant and, also in this case, completely recyclable.

TECHNICAL DATA	EGO PRIME 110	EGO PRIME 150	EGO PRIME 180	EGO PRIME 220	EGO PRIME 260
COLLECTOR TOTAL AREA	1,52 m ²	1,93 m ²	2,35 m ²	2,77 m ²	3,18 m ²
DIMENSIONS L x D x H	2136x711x220	2136x906x220	2136x1101x220	2136x1296x220	2136x1491x220
	1-2	2-3	3-4	4-5	5-6
WEIGHT	36 kg	43 kg	50 kg	57 kg	64 kg
CAPACITY	105 litres	140 litres	175 litres	210 litres	245 litres
INSULATION	Insulation in 25 mm thick POLYESTER Fibre and 30 mm thick rigid PUR sheet				
Plumbing Connections	2 x 3/4" M				
INSTALAZIONE	Flat roof - Sloping roof				
COLOUR	ALUMINIUM				
Warranty Terms	5 YEARS				

EGO PRIME

Lexan* Tough Virtually Unbreakable
Film and Sheet

LEXANTM THERMOCLEAR™
GUARANTEED 10 YEARS AGAINST YELLOWING (PATENTED).



INSTALLATION

EGO PRIME adapts to any type of installation, and can be fitted on a sloping roof with the brackets provided or on a flat roof or on the ground.

Aesthetically it stands out for the design of its construction elements, and it is also tested to resist even the worst weather conditions.

STANDARD FEATURES

2 types of support available - Specify the type desired when ordering.



BASIC SUPPORTS FLAT ROOF
• Galvanised metal brackets for installing the system on flat roof



BASIC SUPPORTS SLOPING ROOF
• Stainless Steel INOX 304 metal brackets for installing the system parallel to the roof



VALVES
• Air ventilation valve
• Safety valve
STANDARD FEATURES - INCLUDED

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.
OPTIONAL - ON REQUEST



ANTIFREEZE ELECTRICAL RESISTANCE (300 W)



• ELECTRICAL RESISTANCE FOR WATER HEATING (1 o 2 kW)



Safety group
• Offers optimal protection against possible excess pressure
OPTIONAL - ON REQUEST



Pressure reducer
• Limit the inlet pressure thereby reducing the possibility of opening of the valve and therefore of a possible discharge of water. Calibration 3 bar.
OPTIONAL - ON REQUEST



Thermostatic mixing valve
• Prevents high temperature output to users.
OPTIONAL - ON REQUEST