



 **Solar PST**
PANELES SOLARES TERMODINÁMICOS

EcoBox

minimal space
maximum saving
maximum versatility

SAVE 80%
24h/7 wether it is rain, hail, wind,
overcast, night and day all year round!





The sustainable SolarPST Ecobox retro fits to existing vented or unvented water heater.



**Suitable
for home or
small business**

**How does it
work?**

An ecological refrigerant fluid circulates at a negative temperature through the solar aluminium panel and captures heat from this panel absorbed in the atmosphere (rain, sun, wind,...). As the fluid rises up its temperature it evaporates into a gas.

This gas is carried down to the Ecobox where it is compressed by the compressor allowing to increase its temperature. This heat is then yielded to the water coming from the cylinder thanks to the water heat pump, through a plate heat exchanger, reaching 50°C.

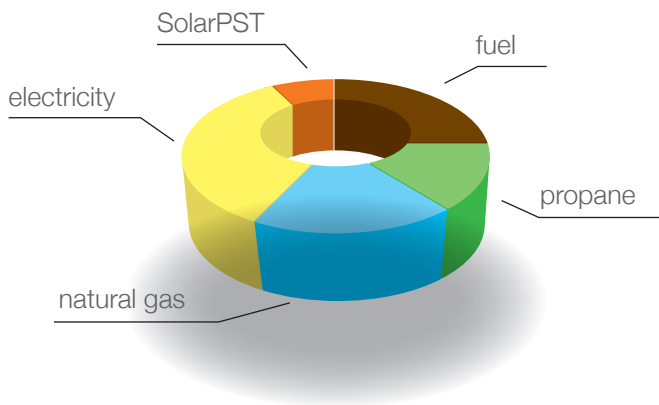
Enjoy the Ecobox benefits

- Your water **up to 50°C**
- **No need to change your water cylinder:**
 - Retro fits to existing cylinder
 - Adapted for vented and unvented water heater storage
- **Easy integrated** light aluminium panel (8kg) resistant to corrosion that can be mounted on wall, roof, balcony, etc
- The compact unit **Ecobox can be placed on the floor or hung on the wall**
- **Save more:** minimal maintenance
- **Fast installation** in half day
- **Safe, non toxic, environmentally friendly fluid** in the panel that allowed you to get sustainable hot water all year round



Economical

Improve your family's economy obtaining important annual savings. **Lower your monthly utility bills.**

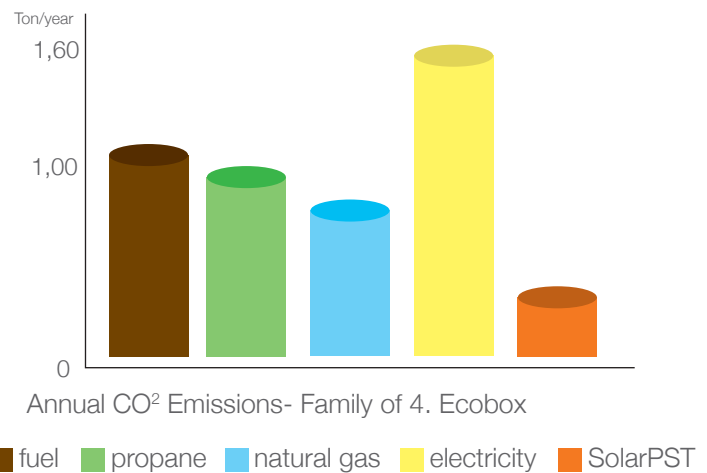


Annual Energy consumption with a Solar PST Ecobox for a family of 4.



Sustainable

Take care of the planet by reducing air pollution by day and night.



Efficient and reliable

Panel: manufactured under strict quality control standards, made of anodized aluminium 30 microns which confers it a long lifespan of more than 25 years and a resistance to corrosion and to the most adverse weather conditions. 5 years warranty.

Ecobox: high quality components (high performance stainless steel heat exchanger- circulation pump for DHW, rotary compressor) allowing you to add value to your existing installation by transforming it into the right renewable energy DHW solution

Technical Features

Max Thermal Power	W	2200
Max Electric Power Consumed	W	490
Voltage / Frequency	V / Hz	230/50-60
Atmospheric Temperature Range	°C	-2 to 42
Fluid	Type / kg	R134a / 0,8
Max DHW Temperature (with Thermodynamics)	°C	50
Solar Box Packaging Dimensions	H x W x D	400 x 470 x 400
Maximum Working Pressure	bar	6
Cold Water Input Connection	inch	1/2
Hot Water Output Connection	inch	1/2
Thermodynamic Panel Weight	kg	8
Thermodynamic Panel Packaging Dimensions	H x W x D	2200 x 810 x 30
Thermodynamic Panel Input Output Connections (thread)	inch	1/4 3/8
Thermodynamic Unit Input Output Connections (thread)	inch	1/2 1/2



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