








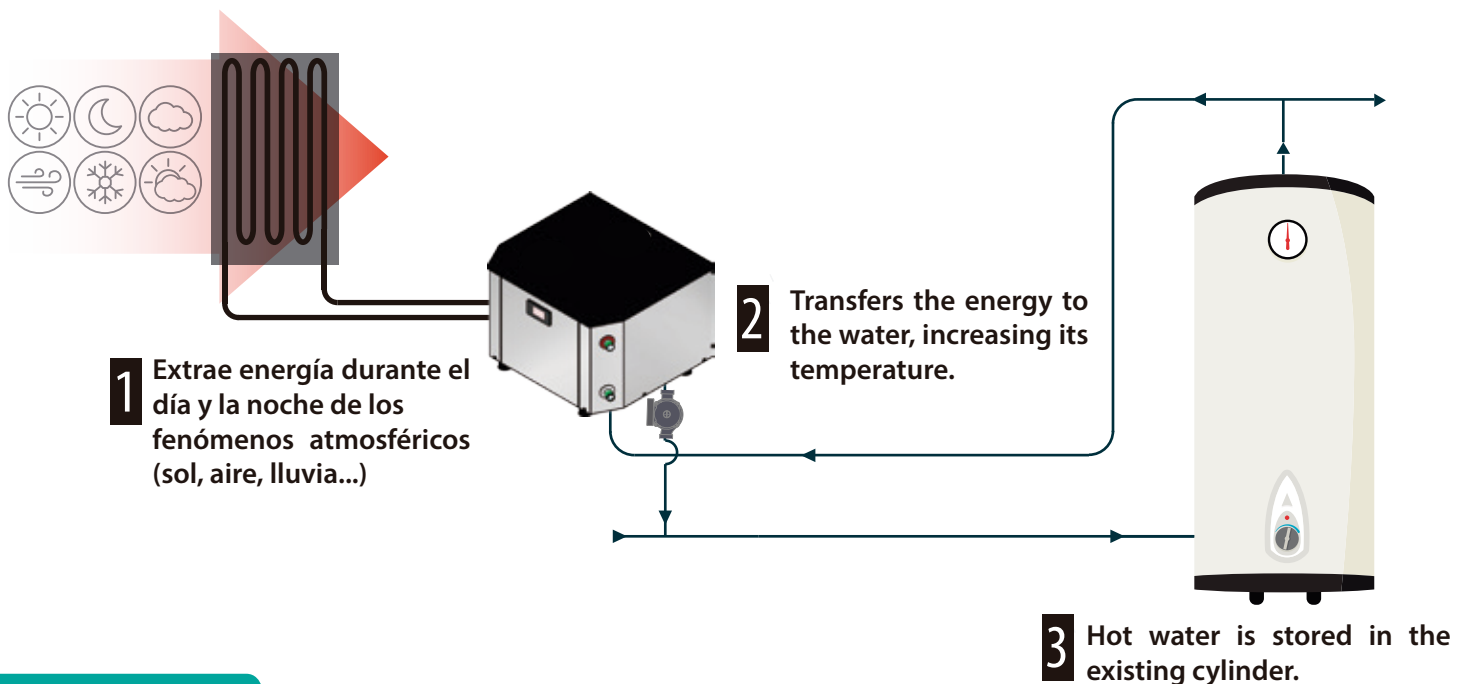




ECOFLEX is a new heat pump system designed for retrofitting in any installed cylinder. The user can benefit from the economic saving that brings the heat pump technology using the cylinder already installed, without a large additional investment. This technology extracts solar energy and the available energy of the surrounding environment to heat water with lower power consumption.

-  Reduces energy use by up to 60%
-  **5 MODES** Smart controller design with 5 operating modes
-  **PV-ready:** Smart detector of PV energy available
-  Completely environmentally friendly
-  **60** DHW up to 60°C with heat pump operation
-  **UE** Made of 100% European components.
-  Designed for ease of install, servicing and repair
-  Extracts heat from sun, rain and air
-  **Erp A** Compliant with Eco-design and Eco-labelling



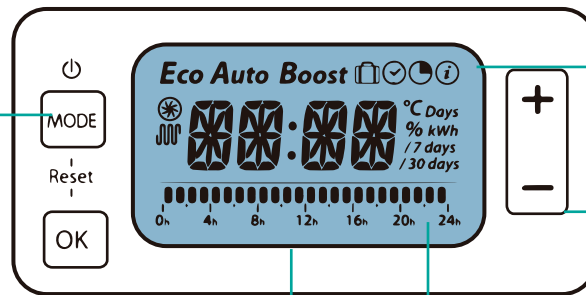
CHARACTERISTICS

- ▶ Adaptable to any cylinder in use through an easy and quick installation.
- ▶ It is able to control the electrical heater of the cylinder and use it in different operating modes.
- ▶ Allows integration with photovoltaic installations and Peack-Off Tariff to achieve the maximum possible savings.
- ▶ Floor or wall mounting installation.

SMART CONTROLLER

Operating mode

- **Automatic:** DHW production is handled by the HP module and the electric back-up, based on the input air temperature and inner performances of the heat pump.
- **Eco:** «reduced» programme enabled, DHW production is handled only by the HP module
- **Boost:** A single boost operates the heat pump and the heating element to heat up the water in the shortest time to the setting temperature
- **Out of home:** no DHW production for a vacation period; antifreeze protection
- **Program:** Set specific heating periods



Information

Provide weekly or monthly statistics on heat source usage given information about the real usage of heat pump source or backup heating element

Increase/ decrease and navigation key

Programming time slot

Display

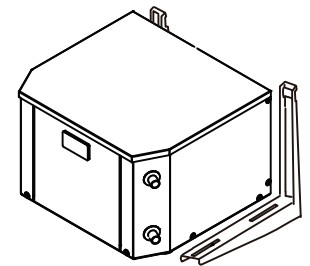
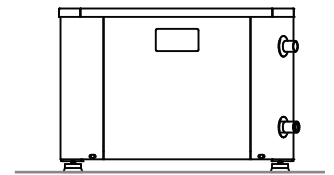
Generously sized with simple, intuitive display of the operating modes, timer programming

TECHNICAL DATA

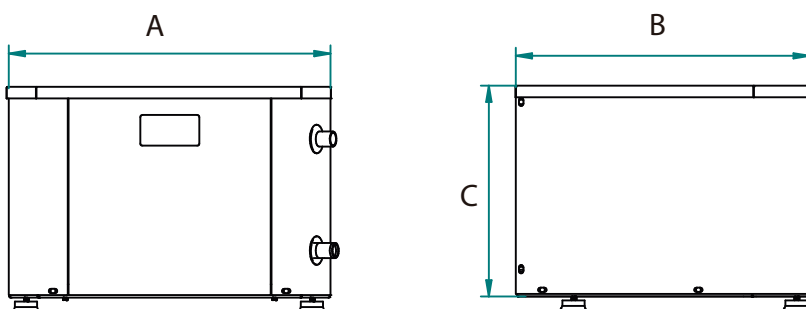
Modelo	EF02 TD
Energy Efficiency Class	A
Load profile	L
Heating capacity range (1), W	1430-2560
Input power range (1), W	450-540
COP (1)	2,5-3,8
Minium/Maximum. external emperature, °C	-5/45
Maximum water temperature HP, °C	60
Coolant	R134a
Charge, g	1100
Power supply, V/ph/Hz	230 / 1 / 50
Number of panels	1
Dimension of the panel, mm	1700x800
Connections of the panel, inch	1/4-3/8
Minimum water flow, L/h	250
Heat exchanger pressure loss, kPa	2
Water inlet/ outlet, inch	1/2

(1) Depending of ambient temperature and incident solar radiation

Wall-hung or floor mounted configuration:



DIMENSIONS



Dimensions	EF02 TD
A, mm	450
B, mm	450
C, mm	378