

ECOHEAT TD is the new solar thermodynamic heap pumps series for the domestic hot water production.

These system include one or more solar thermodynamic panels installed outdoors, able to extract solar energy and the available energy of the surrounding environment.

Then, the energy is used by the thermodynamic cycle to heat water, achieving high efficiency and important savings for the house.

ECOHEAT is a high quality product with outstanding performance available in 7 different capacities suitable for any kind of housing.



Reduces energy use by up to 60%



Smart controller design with 5 operating modes



PV-ready: Smart detector of PV energy available



Extracts heat from sun, rain and air



Aluminium condenser fitted around the tank



Automatic anti-legionella function



DHW up to 60°C with heat pump operation



High quality cylinder made of SS 316L



Compliant with Eco-design and Eco-labelling

TECHNICAL DATA

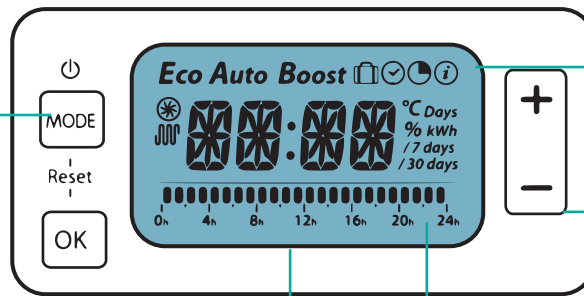
Cylinder	EH060 TD	EH080 TD	EH110 TD	EH160 TD	EH200 TD	EH260 TD	EH500 TD
Capacity, L	60	80	110	160	200	260	500
Maximum operating pressure, bar	6						
Heat pump data							
Energy Efficiency Class	S			M	L	XL	XXL
Load profile	S			M	L	XL	XXL
Heating capacity range *, W	920-1700			1430-2560			2860-5120
Input power range *, W	270-400			450-540			900-1080
COP*, W							
Maximum temp. HP, °C				60			
Maximum temp. electric element, °C				62			
Coolant	R134a						
Electric data							
Power supply, V/ph/Hz				230 / 1 / 50			
Electric element power, W				1500			
Maximum power absorbed, W	1775			2100			
Thermodynamic panel							
Number of panels	1						2
Dimensions, mm	1700x800						
Maximum operating pressure, bar	10						
Refrigerant inlet/ outlet, inch	3/8-3/8						

* Depending of ambient temperature and incident solar radiation

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

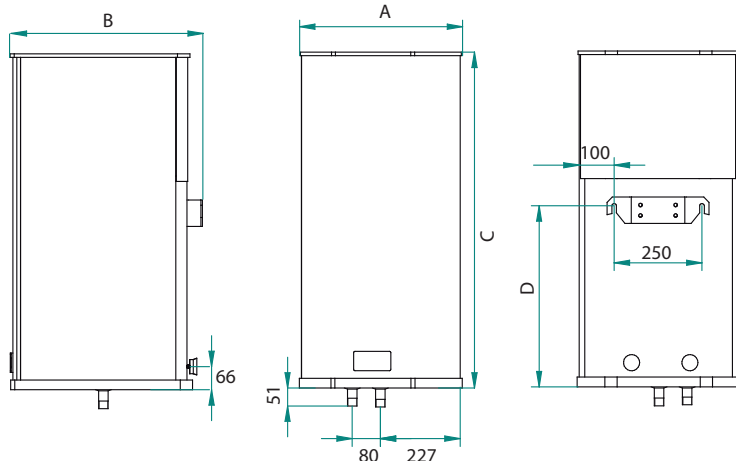
Display

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

DIMENSIONS

Dimensions	EH060 TD	EH080 TD	EH110 TD	EH160 TD	EH200 TD	EH260 TD	EH500 TD
Configuration	Wall-Mounted			Floor-Mounted			
A, mm	464			585		702	
B, mm	540			633		785	
C, mm	956	1131	1356	1370	1620	1945	2066
D, mm	515	690	915	852	1102	1427	1326
E, mm	-	-	-	161		191	
Hot water inlet / outlet, inch	3/4						
Refrigerant inlet/ outlet, inch	1/4 – 3/8						

Wall-mounted



Floor-mounted

