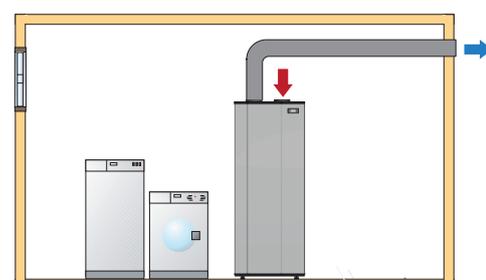
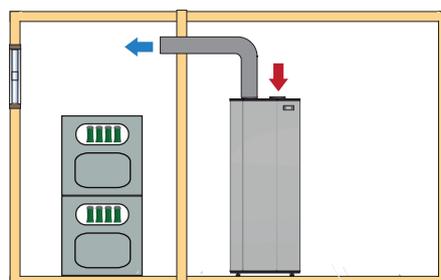
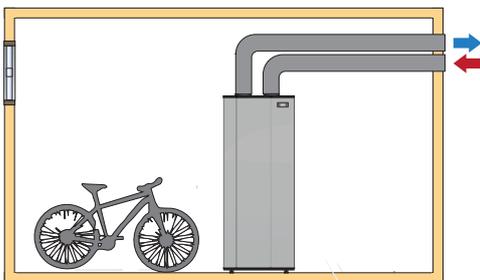


Ecoheat EH500 extracts heat from the air transferring it into the water. This system is suitable for supply hot water at larger capacities, i.e. gyms, farms, hotels... Its double thermodynamic technology achieves very short recovery time while also allows the user to maximise their savings.



-  Reduces energy use by up to 60%
-  Completely environmentally friendly
-  Designed for ease of install, servicing and repair
-  High quality cylinder made of SS 316L
-  DHW up to 60°C with heat pump operation
-  Double thermal power: Suitable for larger demands
-  Made of 100% European components.
-  Smart controller design with 5 operating modes
-  Time-of-use Tariff compatible with
-  Allows dehumidifying and cooling small spaces
-  Compliant with Eco-design and Eco-labelling
-  PV-ready: Smart detector of PV energy available
-  Automatic anti-legionella function
-  Aluminium condenser fitted around the tank

INSTALLATIONS



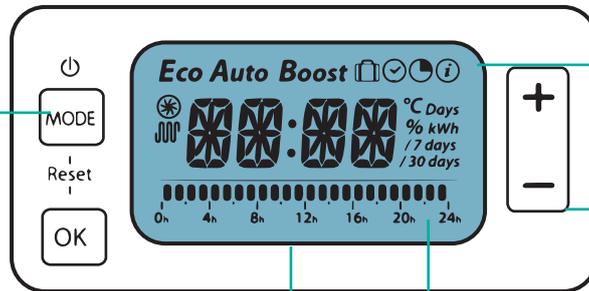
OPTIONAL

- Warranty extension 5 years
- Extra coil: Coupling with a boiler
- Extra coil: Coupling with solar collectors
- Front and side connections

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



Display

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

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

TECHNICAL DATA

Cylinder	EH500
Capacity, L	500
Maximum operating pressure, bar	6
Heat pump data	
Energy Efficiency Class	A
Load profile	XXL
Nominal thermal power*, W	3680
Nominal Input power*, W	1050
COP*, W	3,5
Nominal thermal power **, W	2360
Nominal thermal power **, W	890
COP**, W	2,65
Minimum air temperature, °C	5
Maximum temperature heat pump, °C	60
Maximum temperature electric element, °C	62
Coolant	R134a
Electric data	
Power supply, V/ph/Hz	230 / 1 / 50
Electric element power, W	2000
Maximum power absorbed, W	2600
Connections	
Hot water inlet / outlet, pulg.	3/4
Air inlet / exhaust, mm	160
Condensate drain, pulg.	1/2

DIMENSIONS

