

## Standard Range

NEW  
DUPLEX 2205  
Stainless Steel  
cylinder



## ECOHEAT

ECOHEAT is a renewable and efficient solution for domestic hot water production

These models are optimized to heat water up to 55 degrees only with heat pump operation, which translates to higher useful volume of accumulated hot water.

Furthermore, the system incorporates an advanced controller with multiple functions allowing adaptation to any user consumption habit to maximise their savings.



Reduces energy use by up to 60%.



Possibility of dehumidifying and refreshing ambient air.



Connection with PV installations



Compliant with Eco-design and Eco-labelling.



Smart controller design with 3 operating modes. Touch panel.



Aluminium condenser fitted around the tank.



High quality cylinder made of **SS DUPLEX**



Automatic anti-legionella function.



## Technical data

Cylinder	EH100	EH130	EH160	EH200	EH260	EH500
Capacity, L	100	130	160	200	260	500
Maximum operating pressure, bar	6					
Heat pump data						
Energy Efficiency Class	A					
Load profile	M		L		XL	
Heating capacity range, W	1120 - 2100					2300 - 3680
Input power range, W	400 - 600					890 - 1050
Minimum ambient temperature, °C	-5					
Maximum water temp. HP, °C	55					
Maximum temp. electrical heater, °C	70					
Refrigerant	R134a					
Electric data						
Power supply, V/ph/Hz	230 / 1 / 50					
Electric heater power, W	1500					1500
Maximum absorbed power, W	2100					2800
Connections						
Water inlet/outlet, inch	1/2		3/4			1
Intake/Exhaust connection, mm	160					

## Advanced controlled



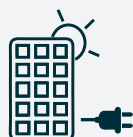
### Operating modes

- **Automatic:** DHW production is handled by the HP module and the electric back-up.
- **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

### Features:

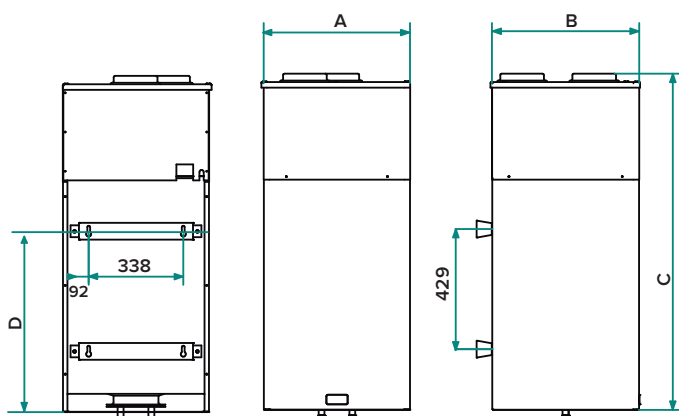
- Touchscreen
- Easy to use and learn
- **Automatic Antillegionella disinfection:** Automatically the system carries out a thermal shock disinfection avoiding any possibility of bacterial growth.
- Screen lock
- Specific alarms setted to avoid any possible anomalies

### Compatible with Photovoltaics

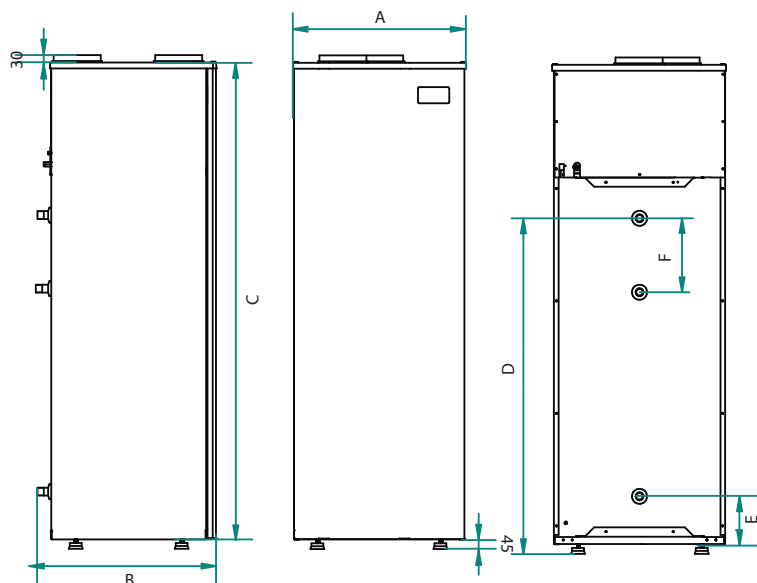


The controller includes a connection port with the inverter module which allows starting up the heat pump when there is an energy excess from the photovoltaic panels.

### Wall- Mounted



### Floor- Mounted



## Dimensions

Dimensions and connections	EH100	EH130	EH160	EH200	EH260	EH500
Configuration	Wall-Hung		Floor			
A, mm	522		585			696
B, mm	527		587			740
C, mm	1075	1200	1297	1527	1945	2066
D, mm	855	980	727	956	1323	1425
E, mm	-		217			325
F, mm	-		94	194		215
G, mm	-		-			325
Water inlet / outlet, inch	1/2		3/4			1
Air connection, mm	160					