

AQ | 500-L

The AQ range is the solution for users who only need domestic hot water. Depending on the equipment, we can get to heat up to a maximum of 1000 l/day. Suitable as an independent and unique system, this equipment takes advantage of the free heat of the ambient air for the production of domestic hot water.



100% EUROPEAN COMPONENTS



EASY INSTALLATION



HYDRAULIC CONNECTIONS



LOW SOUND LEVEL



REFRIGERANT GAS



FEATURES

SAVING:

Up to 70% compared to conventional systems production of domestic hot water.

RELIABILITY:

Advanced control, thick insulation, made of steel stainless, impressed current titanium anode as standard.

FLEXIBILITY:

Suitable for installation in newly built homes or renovation of electric water heaters or gas boilers.

LARGE USEFUL VOLUME OF DHW:

Various capacities are available, from 75 to 500 liters. Guarantees minimal heat losses thanks to reinforced insulation.

CONTROLLER FUNCTIONS



PHOTOVOLTAIC CONNECTION



DEFROST



TOUCH SCREEN



AUTOMATIC LEGIONELLA CYCLE

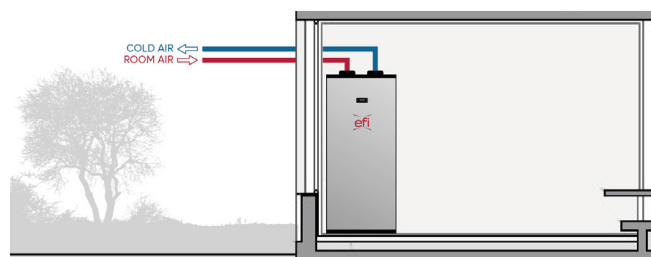


ECO MODE
(Exclusive heat pump operation)



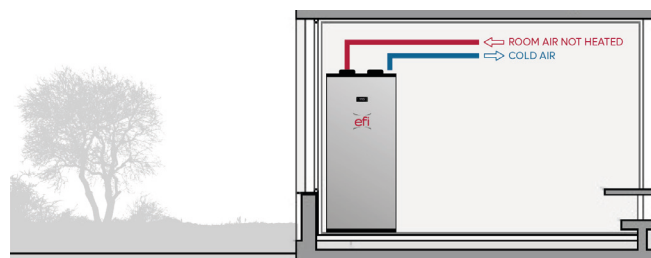
CONFORT MODE
(Mixed resistance operation - Heat pump)

DIFFERENT MOUNTING SYSTEMS



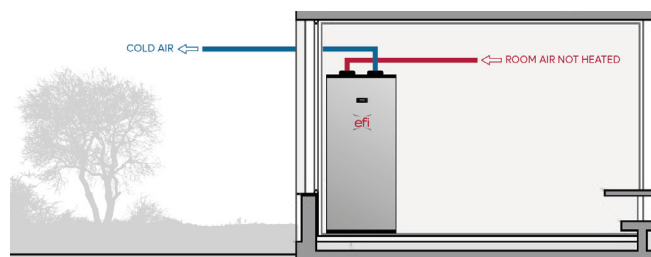
DOUBLE EXTERNAL CONNECTION (CTE COMPLIANCE).

The system extracts energy from the outside air and also expels cold air outside. It is necessary to guide the air inlet to the equipment and the air outlet to the equipment.



DOUBLE INTERNAL CONNECTION.

The system extracts energy from the indoor air of the house in an area that is not heated, the expulsion of air can be done to a non-heated room with ventilation that you want to use to dehumidify or cool this room.



INDOOR-OUTDOOR CONNECTION.

The system extracts energy from the indoor air of the home in an area that is not heated, the air is expelled to the outside through a conducted tube.

TECHNICAL DATA

Nominal power DHW (14°C)*	W	3078
Nominal consumption (14°C)*	W	1024
SCOP DHW (14°C)*	-	3,00
Thermal power support system	W	3000
Maximum thermal power with electrical support	W	7000
Maximum consumption with support	W	4280
Electrical power supply	V/Ph/Hz	230/1/50

* Data expressed for a heating temperature of 55°C and cold water temperature of 10°C according to the UNE-EN16147 standard.

DIMENSIONS, WEIGHTS AND CONNECTIONS

Hydraulic connections (inlet-outlet)*	Inch	F 11/4-11/4
Condensate outlet	Inch	1/2
Air pressure	Pa	65
Equipment air flow range	m³/h	300-400
Air inlet / outlet duct diameter	mm	120/120
Average thickness of insulation	mm	50
Thermal losses (UA)	W/K	0,933
Sound power**	dBA	<40
Equipment empty weight	Kg	165
Energy class	-	A
Dimensions (AxBxC)***	mm	2008 x 780 x 710

* M (Connection input and output hydraulics of the equipment in connection Male)

* F (Connection input and output hydraulics of the equipment in connection Female)

** Sound power measured at 2 meters away driven.

*** A = High / B = Deep / C = Width

ACCUMULATOR / CONDITIONS

Format	-	Standing
Material	-	Acero Inoxidable
Maximum water service pressure	bar	6
Capacity	l	500 L
Insulation type	-	Injected Polyurethane
Medium heat transmission	W/m°C	0,025
Heat pump mode maximum temperature*	°C	60 (55)
Maximum temperature with electrical support**	°C	70
Minimum/maximum air temperature	°C	-5 / 42

* Equipment factory set at 55°C.

** 3000W electrical resistance

ADVANTAGE

- Sheathed resistance
- Protection against corrosion by titanium anode
- Security valve
- Digital temperature control
- Alarm indicators

OPTIONAL

Coils: Solar (1.2 m2) | Boiler (0.6 m2) | Double (1.2+0.6 m2)

AVAILABLE VOLUMES (Liters)

75 | 110 | 130 | 160 | 180 | 200 | 250 | 300

VIEWS

