

Thermboil I

Thermboil 130 I

The Thermboil I Serie is characterized by incorporating an inner heat exchanger that takes advantage of indoors energy to produce heat domestic hot water (DHW).

Suitable for new installations or to replace the existing electric/gas boilers.

Easy installation: only requiring hydraulic connections.

Solar assisted heat pump, able to produce hot water up to 55°C.

Double ventilation (extraction-impulsion).

Also available at 60°C (GH version)



DOMESTIC HOT WATER



ECONOMIC



EASY INSTALLATION



WORKS 24H DAY & NIGHT



LOW CONSUMPTION



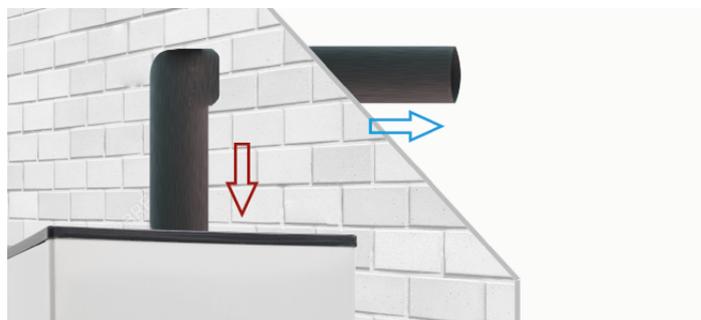
LOW NOISE LEVEL



Option 1

Space dehumidification

Its technology allows dehumidifying spaces, additionally, the system is able to produce hot water and drying the air temperature at the same time, achieving a comfortable environment.



Option 2

Double outdoor connection

The system extract energy from the outside air and also drive the cold air outside, allowing place the system in the garages, engine room, etc.



Technical specifications

Specifications

Thermal power (ONLY heat pump)	W	1600-2000
Power input (ONLY heat pump)	W	400-600
COP		2-5
Thermal power with support	W	1500
Max. thermal power (with immersion)	W	3500
Max. power input (with immersion)	W	2160
Electrical supply	V/ph/Hz	230/1/50
Air pressure	Pa	65
Air flow range	m3/h	200-300
Refrigerant		R134A
Extraction cycle		L**

Dimensions, weight and connections

Hydraulic connexion	"	H* 3/4-3/4
Water condenser	"	1/2
Air diameter (in/outlet)	mm	120/120
Sound power*	Db	<35
Insulation	mm	50
Dimensions (AxBxC)*	mm	1405x450x495
Auxiliary dimensions (DxExF)	mm	140x760x935
Weight approx.	kg	90.5
M*(Input and output of the male hydraulic connection)		
H*(input and output of the female hydraulic connection)		
*Sound power at 2 meters distance		

*Sound power at 2 meters distance

*Dimensions (A= height B=width C=deep)

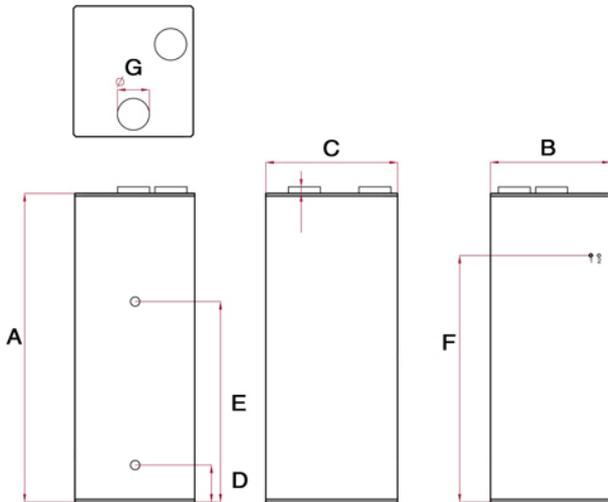
Cylinder

Format		Standing/Wall-Hung
Material		Inox
Working pressure	bar	6
Capacity	l	130
Insulation type		Injected polyurethane
Average heat transmission	W/m ² °C	0.025

Conditions

Max. temperature with heat pump	°C	55
Max. temperature with immersion	°C	70
Operating temp range	°C	-5/42

Views



Advantages

- Sheathed immersion heater ✓
- Protection against corrosion by titanium anode ✓
- Security valve ✓
- Digital temperature controller ✓
- Alarm indicators ✓

Optional

Coils

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

Anti-legionella / Internal timer

Weekly programming to increase temperature through the immersion once a week

Other models

| 75 | 110 | 180 | 200 | 250 | 300 | 500

Certifications



www.energypanel.net - contacto@energypanel.net

Technical data generated exclusively for informational purposes. The specifications are subject to alterations without prior notice.