



ThermoBloc

200 L / 260 L



Aerothermics for domestic hot water

Escanea y ve en la web:
ThermoBloc



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200 L / 260 L

Thermobloc is our series of heat pumps for domestic hot water production.

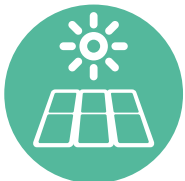
It includes models of 200 L and 260 L capacity, with or without coil. Compatible for ground installation.



Renewable energy



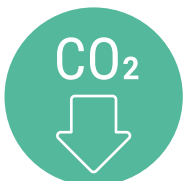
Energy efficiency class



Photovoltaic and solar thermal connection.



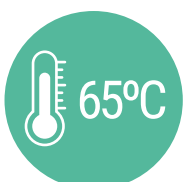
Reduced electricity consumption.



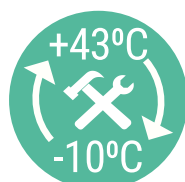
Low CO₂ emissions.



LCD touch display.

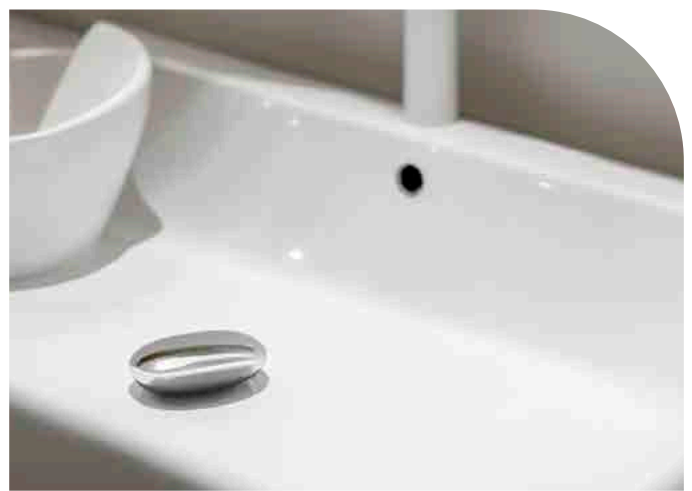


Up to 65°C only with pump



Working temperature

- Environmentally friendly product, powered by renewable energy sources, minimising CO₂ emissions.
- Energy efficiency class A+, the highest in its category, according to ErP regulations.
- Programmable with an easy to use control panel.
- Operates only with heat pump within a wide range of inlet air temperature, between -10°C and +43°C.
- Heats water up to 65°C using only the heat pump.
- 1.5 kW electric heating element for faster heating and higher temperature up to 75°C.
- High efficiency 2 with a balanced and precise cooling cycle thanks to an electronically commutated motor and electronic expansion valve.
- Up to 75% savings in electricity consumption.
- Can be connected to other energy sources, such as photovoltaic and solar systems or boilers. automatic anti-legionella cycle.
- Self-diagnostic system.



Data sheet



Clase energética



MODELES	Thermoibérica 200+ serpentin THWBLOC200 L	Thermoibérica 200 THWBLOC200 L	Thermoibérica 200+ serpentin THWBLOC200 L	Thermoibérica 200 THWBLOC200 L	
Code	no	ES305061	ES305005	ES305062	ES305004
Condiciones de trabajo					
Min. / max. suministro de aire d'admission v (90% R.H.)	-5		10/45		
Min. / máx. Temperatura site d'instalación	4/43				
Temperatura de trabajo					
Temperatura máxima fiable	70				
Características de concepción					
Compresor/protección compresor	Disyuntor rotativo térmico con reiniciado automático				
Tipo de protección circuit. térmodinámica	Proceso de seguridad a reiniciado automático (altura base presión 2,50/1 bar)				
Ventilador	Centrifugue				
	Capacidad nominal de presión	M3/h	304		
	Protección le motor	Pa	30		
Condensador	disyuntor térmico interno a reiniciado automático				
Ciclo anti-legionelose	Exteriormente protegido. Pas de contact direct avec l'eau				
Angul	- ou				
Refrigerant	Vanne 4 voies R314a				
Fanbeu refrigerant	G	860			
Potential de réchauffement global	1430				
CO2equivalence	T	1287			
Belleauxcaracteristiques ECR					
Capacité de la reservoir d'accumulation	L	194	200	251	260
UAP*	L	262	272	339	330
Serpentin pour le raccordement au système solaire ou a la chaudiere pour chauffage	M2	I	N/A	1,2	N/A
Protection cathodique	Anode magnesium Ø52x400mm				
Isolation - PU rigide	mm	50			
Poids dans le transport	Kg	50		120	160
Pression maximale de travail	bar	8			

MODELES	Thermoibérica 200+ serpentin THWBLOC200 L	Thermoibérica 200 THWBLOC200 L	Thermoibérica 200+ serpentin THWBLOC200 L	Thermoibérica 200 THWBLOC200 L
CW	Entrée d'eau du froid	G T	G T	G T
HW	Sortie d'eau chaud	G T	G T	G T
IS	Entrée serpentin	G T	-	G T
OS	Sortie serpentin	G T	-	G T
R	Recirculation	G 1/2"	G 1/2"	G 1/2"
TS	Raccordement du thermostat at	G 1/2"	-	G 1/2"
EE	Ouverture pour la résistance	G 1 1/2"	G 1 1/2"	G 1 1/2"
CD	Drainage des condensants	G 1/2"	G 1/2"	G 1/2"

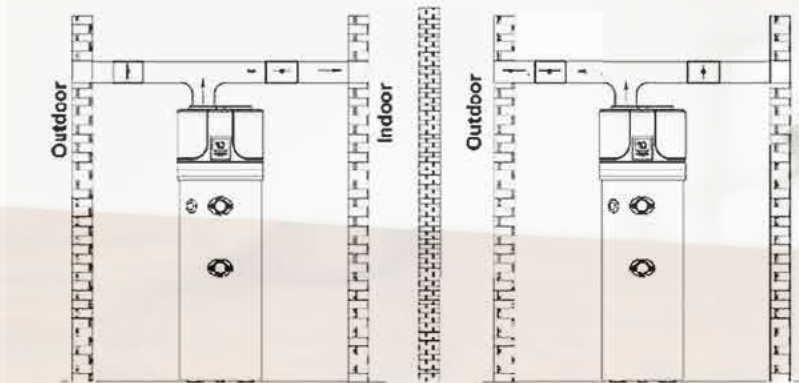
MODELES	Thermoibérica 200+ serpentin THWBLOC200 L	Thermoibérica 200 THWBLOC200 L	Thermoibérica 200+ serpentin THWBLOC200 L	Thermoibérica 200 THWBLOC200 L	
Code	no	ES305061	ES305005	ES305062	ES305004
Rendimiento					
Clase energética	Condición climática EN16147:2017 Moyenne	A+	A+	A+	A+
Niveau sonore	Db(A)	53	53	53	53
Puissance nominale	Condition EN16147:2017 A1/ W55	IJ	IJ	IJ	IJ
CO2**		3,4	3,4	3,7	3,7
Consumption annuelle d'électricité AEC	kWh	867	867	1354	1354
Profil de charge		L	L	XL	XL
Données électriques					
Alimentation (fréquences)	V (Hz)	1 / N / 230 (50)			
Degré de protection	IPXX				
Absorption maximale de la pompe à chaleur		0,663 + 1,5 (résistance électrique) = 2,163			
Consumption moyenne de la pompe à chaleur	Condition EN16147:2017 A2/ W55 Kw	0,43	0,43	0,466	0,466
Puissance de la résistance électrique	Kw	15			
Chauffant maximum ébéc. la pompe à chaleur	A	5,1 + 6,5 (résistance électrique) = 11,6			
Protections contre les surcharges requises	A	Fusible 16A T / Disjoncteur 16A, caractéristique C (Installation de systèmes d'alimentation)			
Protection interne		Thermostat de sécurité à usage interne/ avec réarmement manuel			

*We recommend the use of dielectric bushings in the hydraulic connections to avoid galvanic couples.

*quantité maximale d'eau fournie à 40 °C

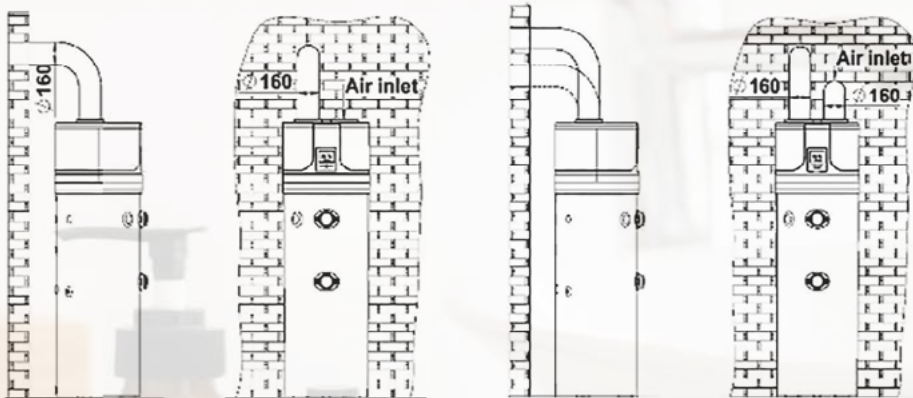
** Production ACS (A140C W55-650C)

Equipment installation



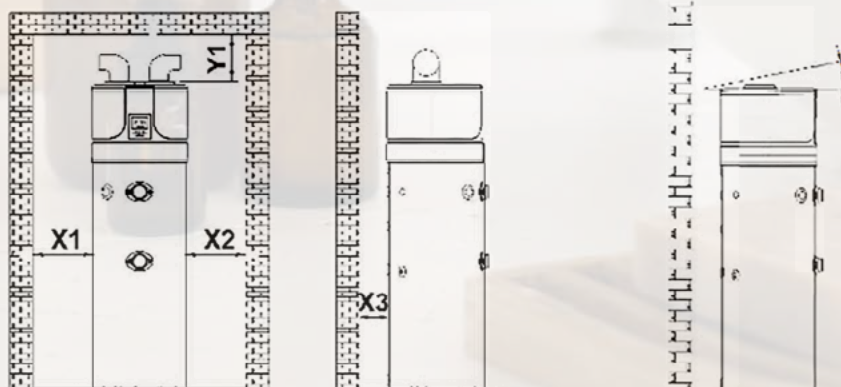
Instalación de verano

Instalación de invierno

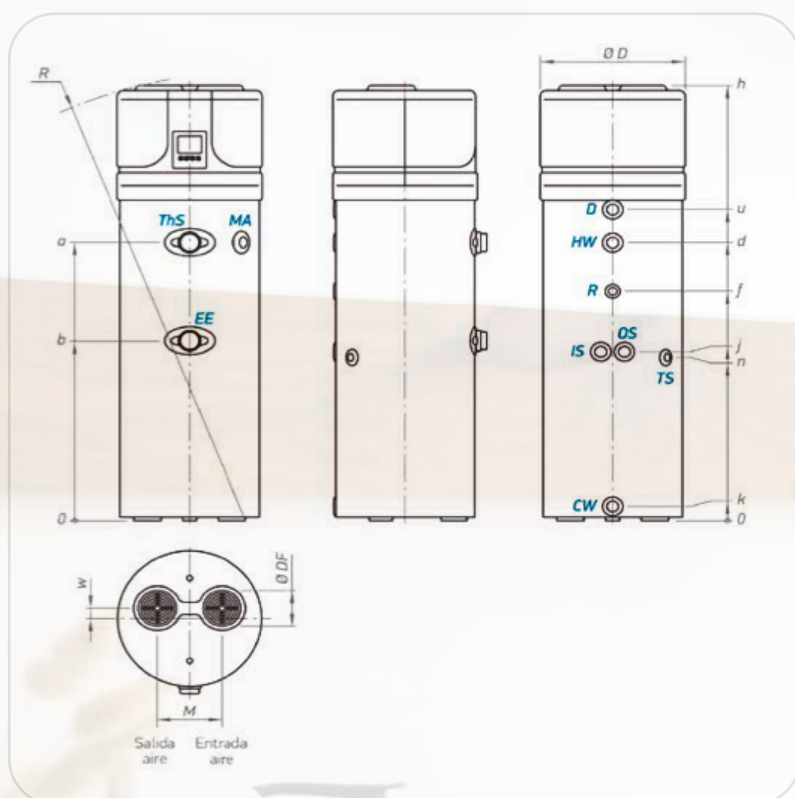


Conducto para salida de aire

Conexión de doble conducto



Datos técnicos



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Dimensiones + - 5 mm	Thermobloc 200 con serpentín THWBLOC 200 LX	Thermobloc 200 THWBLOC 200 L	Thermobloc 2600 con serpentín THWBLOC 260 LX	Thermobloc 260 THWBLOC 260 L
H mm	1720	1720	1720	1720
A mm	994	994	285	1285
B mm	724	724	834	834
D mm	995	995	1285	1285
F mm	803	803	1064	1064
I mm	681	-	781	-
k mm	60	60	60	60
N mm	681	681	766	766
U mm	1153	1153	1440	1440
W mm	58	58	58	58
M mm	260	260	260	260
ØDF mm	160	160	160	160
R mm	1785	1785	2055	2055
Ø mm	630	630	630	630

Thermoibérica Fabricante Equipos Aerotermia S.L.
B 75535690

www.thermoiberica.com



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