



thermo290

DC Inverter Air to Water Heat Pump 12kW or 6kW (1ph)



A modern, clean heating and cooling solution for your home or office.



Wifi Control
via phone app

A+++

Excellent
energy rating



Zero Global Warming
Potential (GWP)



Inverter
Technology

R290

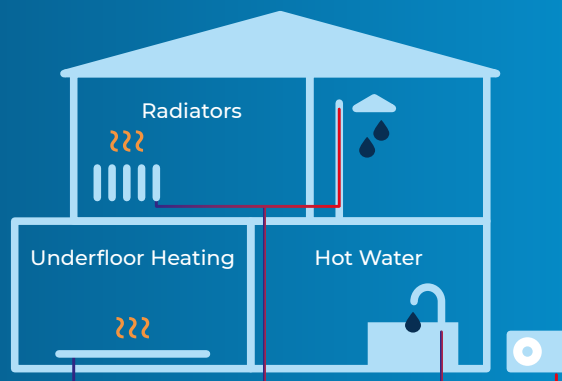
Propane Refrigerant
0.55kg / 0.8kg



Highly Efficient
COP up to 5.15

The thermo290 is an air to water monoblock heat pump for connection to radiators, hot water system and underfloor heating. The combination of environmentally friendly R290 refrigerant and inverter technology provide energy savings and high efficiency.

Introductory offers available, contact RSL GROUP for more information.



CO₂ Emissions

GWP Compare

3

675

R32

2088

R410A

Technical Specifications

Description	Unit	Value x-06c3	Value x-12c3
Model		x-06c3	x-12c3
Power Supply			
Power supply	V / Hz / ph	220~240 / 50 / 1	220~240 / 50 / 1
Energy class (35°C SCOP)		A+++	A+++
Energy class (55°C SCOP)		A++	A++
Performance			
Min/max heating capacity ¹	kW	2.47~6.82	4.58~11.83
El. heating power input min/max ¹	W	480~1572	900~2935
C.O.P min/max ¹	W/W	4.35~5.15	4.03~5.09
Min/max cooling capacity ²	kW	0.85~4.71	2.17~7.05
El. cooling power input min/max ²	W	347~1615	714~2791
E.E.R min/max ²	W/W	2.45~2.92	3.29~4.33
Workable ambient temperature range	°C	-25~43	-25~43
Max flow temp. in heating mode	°C	75	75
Min flow temp. in heating mode	°C	20	20
Min flow temp. in cooling mode	°C	7	7
External static pressures	Bar	0.7~1.5	0.7~1.5
Noise level (Sound power)	dB(A)	56	58
Refrigerant	Type / Amount	R290 / 0.55kg	R290 / 0.8kg
Water connection	Inch	G1"	G1"
Drain tray heater power supply	V / W	220 / 150	220 / 150
Dimensions and weight			
Net dimension	mm (L×D×H)	1150×520×755	1200×550×855
Net weight	kg	85	120

These specifications are subject to change without prior notice. For actual specifications of unit, please refer to the stickers on the unit.

1. Heating condition: water inlet/outlet temperature: 30°C / 35°C, ambient temperature: DB 7°C / WB 6°C.
2. Cooling condition: water inlet/outlet temperature: 12°C/7°C, ambient temperature: DB 35°C / WB 24°C.