



THERMOIBÉRICA INDUSTRIAL LINE

# ThermoKlim

## X30HT / X60HT



New Generation  
Air Conditioning + DHW

Scan and see online:  
**ThermoKlim**



Rev. 07022025-1



# ThermoKlim

## X30HT / X60HT



Easy hydraulic installation



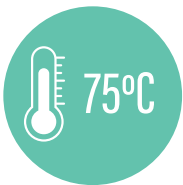
Energy class



Quiet



Natural refrigerant



Up to 75°C  
Ideal for replacing boilers



Robust and anti-corrosive



Domestic hot water



Underfloor heating



Heating



Cooling

THERMOKLIM X aerothermal heat pump. Latest generation of heat pump with new natural R290 refrigerant.

Tactile and intuitive controller for DHW + heating production.

- Compact design
- Touch control
- Simple plug and play installation
- Control via smart app
- RS485/ModBus centralized control
- Configuration of operating periods
- Low noise
- Operation up to outside temperatures of -25°C



# ThermoKlim

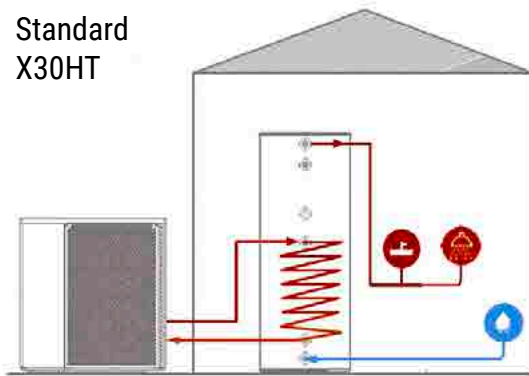
## X30HT / X60HT

THERMOKLIM INV 5-15 HT is compatible with the THERMOBOX range.

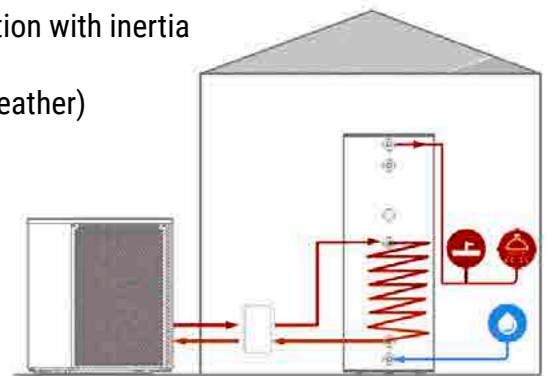
It belongs to THERMOIBERICA's ALL-IN-ONE family of equipment, made up of just 2 units: indoor + outdoor, 100% hydraulic installation.

All the components are integrated into the indoor unit, making it versatile and compact. Ideal for homes or residences.

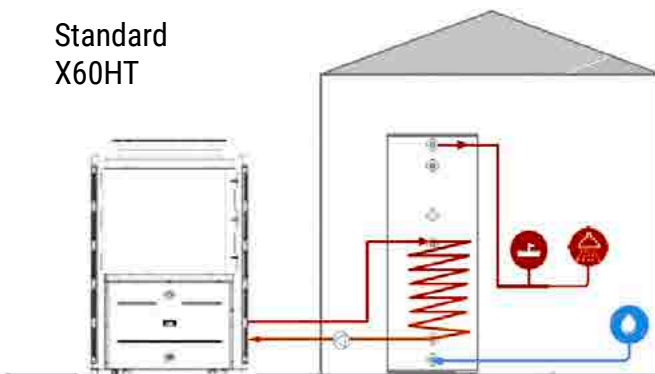
Standard  
X30HT



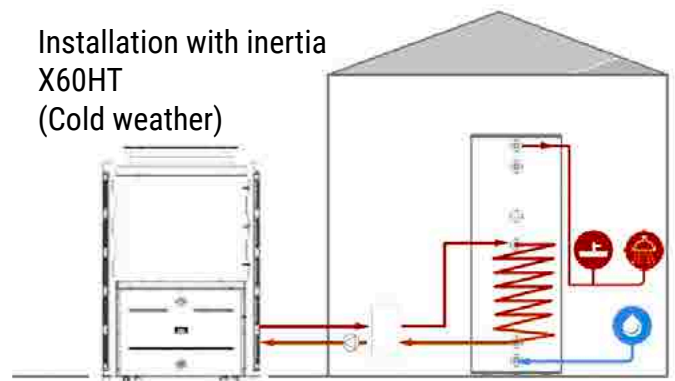
Installation with inertia  
X30HT  
(Cold weather)



Standard  
X60HT



Installation with inertia  
X60HT  
(Cold weather)



# Working principle



The refrigerant is pumped to an external heat exchanger (evaporator). Here it absorbs energy from the environment due to the temperature differential reached outside.

During this process, the fluid changes state and becomes vapor.

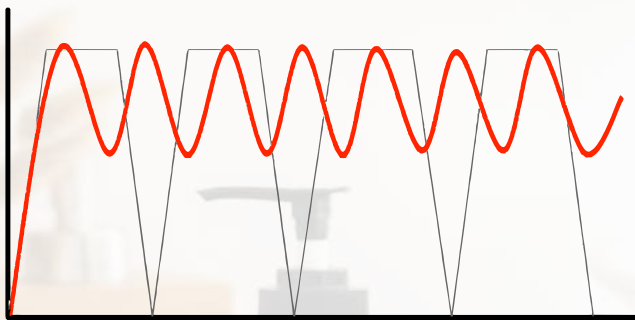
The gaseous fluid is sucked in by the mechanical part of the system, the compressor. It is compressed, the pressure increases and, consequently, the temperature of the

fluid rises.

The fluid then travels to a second internal heat exchanger (condenser) and transfers the heat it carries to the house's heating system.

When the fluid cools, it returns to its liquid state. The fluid pressure is reduced due to a throttling that occurs in the expansion valve and the process begins again.

## Inverter heat pumps stand out for their high performance



InverterDC vs. traditional technology.

Heat pumps are designed to heat and cool, as well as to supply domestic hot water.

These solutions stand out for their high energy efficiency, which makes them capable of achieving an energy rating of up to A+++ for heating.

They also stand out for their ability to be integrated with other heating systems and for their ease of installation.

DC INVERTER technology differs from any other on the market in that it has a compressor capable of varying the operating frequency, thus meeting the comfort needs of air conditioning.

## High level of efficiency

The heat that comes from the environment is indirect solar energy, stored in water, air and soil.

The heat pump efficiently extracts the energy present in these indirect heat sources for later use in air conditioning.

Air-to-water heat pumps with energy-efficient INVERTER technology are a modern, efficient and clean solution that guarantees maximum comfort while always respecting the environment.

It's a smart way of using nature's resources to improve your quality of life.

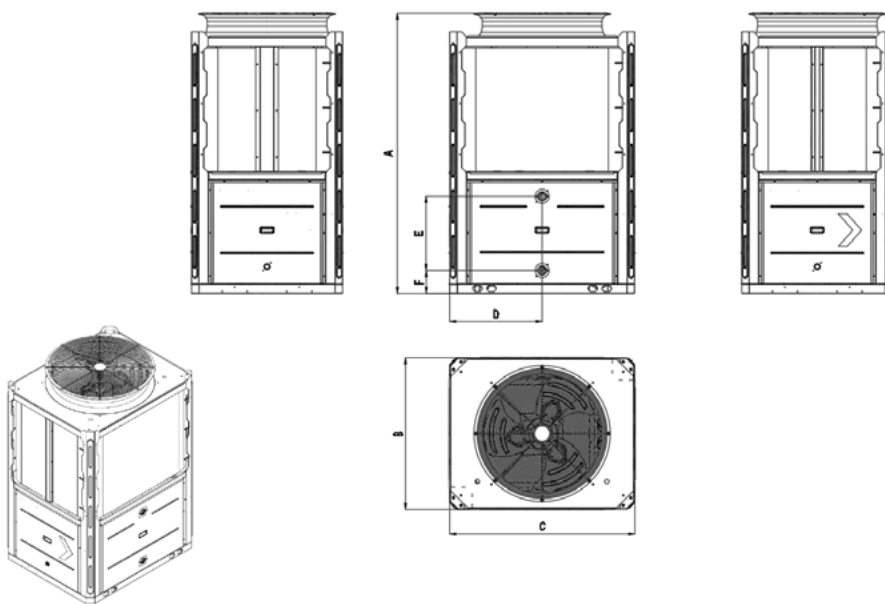
By adopting one of these solutions, you are making a serious commit-

ment to reducing harmful emissions into the atmosphere, thus contributing to ecological balance.

Air-to-water heat pumps with INVERTER technology cover the needs of domestic and industrial use, air conditioning solutions (heating and cooling) and domestic hot water (DHW).

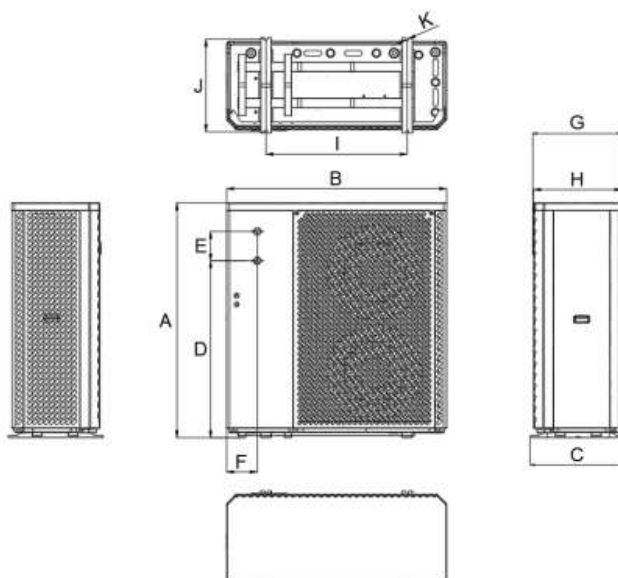
# Technical data

## X60HT



Item	mm
A	1816
B	980
C	1198
D	598
E	480
F	148

## X30HT



Item	mm	Item	mm
A	1330	G	505
B	1250	H	500
C	540	I	800
D	1001	J	523
E	166	K	4-Ø16
F	174		

# Technical data



- This catalog is for informational purposes only and does not constitute a contractual offer.
- The contents of this catalog are written in accordance with industry standards and criteria to the best of our knowledge.
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- Prices are subject to VAT at the applicable rate.

TECHNICAL DATA			X30HT	X60HT
Electrical Supply			380-415V/3N~/50Hz	380-415V/3N~/50Hz
Power Provided	Heating (Nom/Max)	kW	26 / 33	47 / 62
	Cooling (Nom/Max)	kW	20,6 / 29,3	36 / 51
Power Consumed	Heating (Nom/Max)	kW	5,43 / 8,6	9,97 / 17,2
	Cooling (Nom/Max)	kW	5,71 / 8,9	10,16 / 17,8
COP <sup>1</sup>	Nominal		4,78	4,71
ERR <sup>1</sup>	Nominal		3,61	3,54
Energy Class at 350C			A+++	A+++
SCOP Seasonal Efficiency at 350C			4,77	4,53
Energy Class at 550C			A++	A++
SCOP Seasonal Efficiency at 550C			3,59	3,27
Maximum Consumption		kW	13,7	19,4
Max Operating Current		A	22	30
Refrigerant (R290)		g	1300	1500x2
Compressor			DC Inverter	DC Inverter
Sound Pressure at 1m		dB(A)	42-57	45-69
Hydraulic Connections		Pol.	1"	1"1/2
Recommended Water Flow		m3/h	2,9	9,0
Water Pump Manometric Height		m	12,5	*
Load Loss Hydraulic Circuit		kPa	65	80
Room temperature		OC	-25 a 43	-25 a 43
Dimensions (HxWxD)		(AxLxP)	1330x1250x540	1816x1198x980
Weight		Kg	202	363

(1) Air temperature (DB/WB) 70C/60C; Water temperature (input/output) 300C/350C

(\*) Circulator not included

Thermoibérica Fabricante Equipos Aerotermia S.L.  
B 75535690

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