

PRODUCT DATASHEET

Type: ET-AQUA-WHP-250
Art. Nr.: 41123



9120105412100

Short description

Hot water heat pump, recirculation/outdoor air, 254l, max. 65°C



Product Description

The ETHERMA AQUA WHP hot water heat pump guarantees efficient water heating in both new builds and modernization projects. It is equally suitable for use in new and existing buildings. It is ideal for applications where the room air needs to be cooled, for example in a food storage room or a wine cellar. It can use either recirculated air or outside air. As a recirculating air heat pump, AQUA WHP uses the air directly from the room in which it is installed. Heat is extracted from the room air, which the heat pump uses to heat the domestic hot water in the storage tank to up to 62 °C. The cooling of the room air also removes moisture from the room. This protects the building fabric and improves the quality of living. With the outside air adapter and connected air ducts, the heat pump can easily be switched to outside air operation. This is particularly important in new buildings with good thermal insulation to prevent the building from cooling down. The heat pump works efficiently down to an outside air temperature of -5 °C. Capacity: 178 or 254 l, DHW temperature: 65 °C (62 °C with PV system), operating pressure: max. 10 bar, color: white, refrigerant: R1234-ze(E), energy efficiency class: A+, 230 V.

ETIM characteristics

Model	Monobloc	Connection voltage	230 Volt
Heat source	Room air	Nominal content	254 Litre
With air duct connection	✓	Heat-up time from 10 °C to 65 °C	360 Minute
With heater connection	✗	Operating pressure (water sided)	10 Bar
Solar integration	✗	Heat exchanger surface	1 Square metre
Suitable for wall mounting	✗	Air temperature	7 7 Degrees celsius
Suitable for floor mounting	✓	Max. water temperature	62 Degrees celsius
Three-phase model	✗	Power consumption	0.75 Kilowatt
Tap water connection	3/4 inch	Power consumption in the standby period according to EN 16147	0.425 Kilowatt
With circulation connection	✓	Nominal input heat pump according to EN 16147 (7°C)	1.17 Kilowatt
Circulation connection	3/4 inch	Nominal input heat pump according to EN 16147 (20 °C)	1.73 Kilowatt
Adjustable air exhaust	✓	Nominal input additional heating system	1.5 Kilowatt
With digital display	✓	Refrigerant pre-charge	1350 Kilogram
Adaptive (self-learning)	✗	Global warming potential (GWP)	1.43
Material reservoir	Steel enamelled	Power index according to EN 16147 (7 °C)	2.88
Heating element with soapstone sleeve	✗	Power index according to EN 16147 (15 °C)	3.33
Anode protection	Magnesium	Power index according to EN 16147 (20 °C)	3.7
Regulation type	Electronic	Height	1755 Millimetre

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Type of refrigerant	Other	Width	631 Millimetre
Protection class according to IEC 61140	II	Depth	734 Millimetre
Degree of protection (IP)	IP41	Weight	110 Kilogram
Energy efficiency class according to 812/2013/EU	A		
Capacity profile	L		
Compatible with Apple HomeKit	✗		
Compatible with Google Assistant	✗		
Compatible with Amazon Alexa	✗		
IFTTT support available	✗		

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