

Product name

ET-AQUA-WHP-180

Item number

41122

Manufacturer

ETHERMA



Product description

Hot water heat pump, recirculation/outdoor air, 178l, max. 65°C

The AQUA WHP heat pump water heater guarantees efficient hot water in either new buildings or renovation projects. It is equally suitable for use in new buildings and in existing buildings. An ideal application would be to cool air in a room, for example in a food storage room or a wine cellar. Optionally, it can use the recirculated air or outside air. As a recirculating 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 drinking water in the storage tank to up to 62 °C. Cooling the air in the room also removes moisture from the room. This protects the building fabric and increases the quality of living. With the outside air adapter and connected air ducts, the heat pump can be easily converted to outside air operation. This is particularly necessary in new buildings with good thermal insulation to prevent the building from cooling down. The heat pump works efficiently to an outside air temperature of -5 °C. Drum capacity: 178 / 254 l, drinking water temperature: 65 °C (62 °C with PV system), operating pressure: max. 10 bar, Refrigerant type: R1234ze, colour: white, energy efficiency class: A+, 230 V.

Technical Details

Model	Monobloc	Connection voltage	230 Volt
Heat source	Room air	Nominal content	178 Litre
With air duct connection	Yes	Heat-up time from 10 °C to 65 °C	360 Minute
With heater connection	No	Operating pressure (water sided)	10 Bar
Solar integration	No	Heat exchanger surface	1 Square metre
Suitable for wall mounting	No	Air temperature	7 7 Degrees celsius
Suitable for floor mounting	Yes	Max. water temperature	62 Degrees celsius
Three-phase model	No	Power consumption	0.8 Kilowatt
Water connection	3/4 inch	Power consumption in the standby period according to EN 16147	0.4 Kilowatt
With circulation connection	Yes	Nominal input heat pump according to EN 16147 (7°C)	1.2 Kilowatt
Circulation connection	3/4 inch	Nominal input heat pump according to EN 16147 (20 °C)	1.4 Kilowatt
Adjustable air exhaust	Yes	Nominal input additional heating system	1.5 Kilowatt
With digital display	Yes	Refrigerant pre-charge	1150 Gram
Adaptive (self-learning)	No	Power index according to EN 16147 (7 °C)	2.9

Material reservoir	Steel enamelled	Power index according to EN 16147 (15 °C)	3.1
Heating element with soapstone sleeve	No	Power index according to EN 16147 (20 °C)	3.2
Anode protection	Magnesium	Height	1555 Millimetre
Regulation type	Electronic	Width	584 Millimetre
Type of refrigerant	Other	Depth	661 Millimetre
Protection class	I	Weight	95 Kilogram
Degree of protection (IP)	IP41		
Energy efficiency class (7 °C)	A+		
Energy efficiency class (20 °C)	A+		
Capacity profile	L		
Compatible with Apple HomeKit	No		
Compatible with Google Assistant	No		
Compatible with Amazon Alexa	No		
IFTTT support available	No		