

PRODUCT DATASHEET

Type: ET-AQUA-WHP-180
Art. Nr.: 41122



Short description

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



Product Description

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.

ETIM characteristics

Model	Monobloc	Connection voltage	230 Volt
Heat source	Room air	Nominal content	178 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
With circulation connection	✓	Power consumption in the standby period according to EN 16147	0.43 Kilowatt
Circulation connection	3/4 inch	Nominal input heat pump according to EN 16147 (7°C)	1.23 Kilowatt
Adjustable air exhaust	✓	Nominal input heat pump according to EN 16147 (20 °C)	1.43 Kilowatt
With digital display	✓	Nominal input additional heating system	1.5 Kilowatt
Adaptive (self-learning)	✗	Refrigerant pre-charge	1150 Kilogram
Material reservoir	Steel enamelled	Power index according to EN 16147 (7 °C)	2.86
Heating element with soapstone sleeve	✗	Power index according to EN 16147 (15 °C)	3.07
Anode protection	Magnesium	Power index according to EN 16147 (20 °C)	3.21
Regulation type	Electronic	Height	1555 Millimetre
Type of refrigerant	Other	Width	584 Millimetre

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Degree of protection (IP)	IP41	Depth	661 Millimetre
Capacity profile	L	Weight	95 Kilogram
Compatible with Apple HomeKit	×		
Compatible with Google Assistant	×		
Compatible with Amazon Alexa	×		
IFTTT support available	×		

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