ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

PRODUCT DATASHEET

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

9120105412094

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 outsid

ETIM 10 Characteristics

Model	Monobloc	**Connection voltage**	230 Volt
Heat source	Room air	**Nominal content**	178 Litre
With air duct connection	✔	**Operating pressure (water sided)**	10 Bar
With heater connection	✖	**Heat exchanger surface**	1 Square metre
Solar integration	✖	**Air temperature**	7|7 Degrees celsius
Suitable for wall mounting	✖	**Max. water temperature**	62 Degrees celsius
Suitable for floor mounting	✔	**Power consumption**	0.75 Kilowatt
Three-phase model	✖	**Power consumption in the standby period according to EN 16147**	0.43 Kilowatt
Tap water connection	3/4 inch	**Nominal input heat pump according to EN 16147 (7°C)**	1.23 Kilowatt
With circulation connection	✔	**Nominal input heat pump according to EN 16147 (20 °C)**	1.43 Kilowatt
Circulation connection	3/4 inch	**Nominal input additional heating system**	1.5 Kilowatt
Adjustable air exhaust	✔	**Refrigerant pre-charge**	1.15 Kilogram
With digital display	✔	**Global warming potential (GWP)**	1.43
Adaptive (self-learning)	✖	**Power index according to EN 16147 (7 °C)**	2.86
Material reservoir	Steel enamelled	**Power index according to EN 16147 (15 °C)**	3.07
Heating element with soapstone sleeve	✖	**Power index according to EN 16147 (20 °C)**	3.21
Anode protection	Magnesium	**Height**	1555 Millimetre
Regulation type	Electronic	**Width**	584 Millimetre
Type of refrigerant	Other	**Depth**	661 Millimetre
Degree of protection (IP)	IP41	**Weight**	95 Kilogram
Energy efficiency class according to 812/2013/EU	A		

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Capacity profile	M
Compatible with Apple HomeKit	✖
Compatible with Google Assistant	✖
Compatible with Amazon Alexa	✖
IFTTT support available	✖