TESY
It's impressive



AQUATHERMICA COMPACT

AQUATHERMICA COMPACT 150



TIN Code	305969
Capacity	143 L
Range	143
Height	1682 m
Refrigerant	R513 a
Energy class	A+
Maximum working pressure	8 bar
Height	1682 mm

Diameter	541 mm
Heating time	9:08 h:min
Declared load profile	L
Electric heating element power	1.5 kW
Min. ÷ max temperature heat pump air intake (90% R.H.)	-5 ÷ 43 °C
Frequency	50 Hz
Annual electricity consumption in kWh under average climate conditions	884.2 kWh
Power supply	1/N/220-240 V
Compressor	Rotary
Min. ÷ max temperature installation site	4 ÷ 40 °C
Compressor protection	Thermal circuit breaker with automatic reset
Average consumption	0.239 kW
Fan	Centrifugal
Motor protection	Internal thermal circuit breaker with automatic reset
Condenser	Wrapped externally not in contact with water
Transport weight	82 kg
CoP (DHW)	3.4
Refrigerant	R513a
Refrigerant charge	760
CO2 equivalent (CO2e)	0.480
Volume of mixed water at 40° / V40 (EN 16147:2017 - A7/W55)	178 L
Average heat pump consumption [Condition EN16147:2017 A7/W55]	0.239 kW

Height	1682 mm

Information

AquaThermica Compact 150

Serie information

AquaThermica Compact 150

An environmentally friendly product, operating with renewable energy sources resulting in lower CO2 emissions.*

- The highest energy efficiency class A+
- Operates within a wide temperature range of the incoming air starting from -5° C to 43 °C.
- Heats up water to 60° C with the heat pump only
- Precise measuring the refrigerant cycle for better performance
- Ecological refrigerant R513
- Up to 75% lower electricity consumption**.
- Programmable with a user-friendly control panel
- Can be connected to a photovoltaic panel
- Automatic anti-legionella cycle
- Self-diagnostic system

*According to the European Market and Statistical Report on the European Heat Pump Association 2020.

**Compared to a 100l TESY electric water heater with a load profile M.