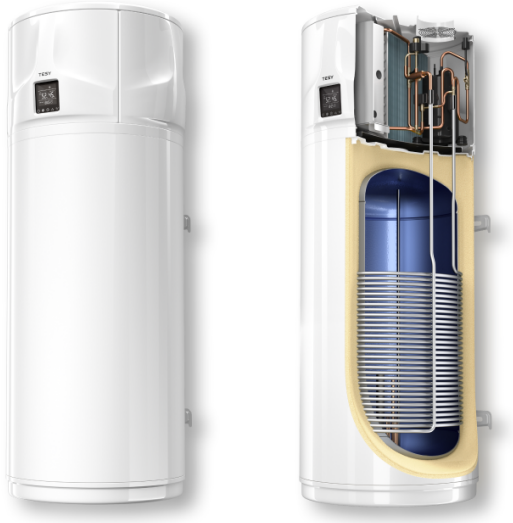
TESY
It's impressive



AQUATHERMICA COMPACT

AQUATHERMICA COMPACT 100



TIN Code	305766
Capacity	98 L
Range	98
Refrigerant	R513 a
Energy class	A+
Maximum working pressure	8 bar
Height	1351 mm
Diameter	541 mm
Heating time	7:04 h:min
Declared load profile	M
Min. ÷ max temperature heat pump air intake (90% R.H.)	-5 ÷ 43 °C

Frequency	50 Hz
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
Fan	Centrifugal
HP Maximum settable temperature	60 [70] °C
Motor protection	Internal thermal circuit breaker with automatic reset
Condenser	Wrapped externally not in contact with water
Transport weight	70 kg
Automatic anti-Legionnella disinfection cycle	YES
CoP (DHW)	3.4
Refrigerant	R513 a
Refrigerant charge	760
CO2 equivalent (CO2e)	0.480
Volume of mixed water at 40° / V40 (EN 16147:2017 - A7/W55)	135 L

Information

AquaThermica Compact 100

Serie information

AquaThermica Compact 100

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.