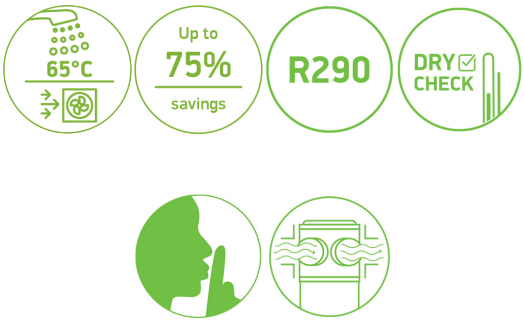
TESY
It's impressive

AQUATHERMICA PRO WITHOUT A HEAT EXCHANGER

AQUATHERMICA PRO 200



TIN Code	306209
Capacity	202 L
Range	202
Height	1.622 m
Energy class	A+
Maximum operational temperature	75 °C
Maximum working pressure	8 bar
Diameter	630 mm

Heating time	7:24 h:min
Declared load profile	L
Electric heating element power	1.5 kW
Min. ÷ max temperature heat pump air intake (90% R.H.)	-7 ÷ 43 °C
Frequency	50 Hz
Annual electricity consumption in kWh under average climate conditions	702 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
Maximum current in HP	2.5 + 6.5 (e-heater) = 9 A
Required overload protections	16A T fuse/ 16 A automatic switch characteristic C (to be expected during installation on power supply systems)
Fan	Centrifugal
HP Maximum settable temperature	65 °C
Internal protection	Single safety thermostat with manual reset on a resistive element
Nominal air capacity	360 m³/h
Motor protection	Internal thermal circuit breaker with automatic reset
Condenser	Wrapped externally not in contact with water
Transport weight	96.3 kg
Automatic anti-Legionnella disinfection cycle	YES
Defrosting	Active with 4-way valve

CoP (DHW)	3.6
Degree of Protection	IPX4
Refrigerant	R290
Refrigerant charge	150
Average heat pump consumption [Condition EN16147:2017 A7/W55]	0.47 kW

Information

AquaThermica Pro 200

Inspired by nature. Powered by technology

TESY AquaThermica Pro is a floor standing air-to-water heat pump for domestic hot water engineered for high energy efficiency, smart performance, and eco-conscious operation. Designed for domestic hot water production, it is available in 200L and 260L capacities

Using the R290 (propane) refrigerant, AquaThermica Pro achieves low Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP). It can heat water up to 65°C using only the heat pump, offering up to 75% energy savings versus conventional electric water heaters. Its high Coefficient of Performance (COP)—up to 3.8—makes it one of the most efficient systems in its class.

- Floor-standing "air-water" heat pump for domestic hot water production.
- The AquaThermica Pro range includes models with a volume of 200 and 260 liters without a heat exchanger
- Greater energy efficiency and performance = > ecofriendly refrigerant **R290** /propane/
- Electric heater for faster heating and reaching a high temperature of 75°C
- Automatic "Antilegionella" function and self-diagnosis system
- Energy class **A+**
- Reduced CO2 emissions
- Temperature range of the incoming air from -7°C to +43°C
- **Up to 75%** reduced electricity consumption
- **Lateral 45° air ducts** for installation in rooms as low as 2 meters
- **Quiet operation**: just 34 dB(A) at 1 meter
- **DRY CHECK** Check the magnesuim anode without draining the water.
- **Electronic Expansion Valve (EEV**) for precision refrigerant control
- **Microchannel condenser** and dual temperature sensors for performance and efficiency
- Connection to solar and photovoltaic panels
- Easy-to-use electronic panel

Serie information

AquaThermica Pro 200

Inspired by nature. Powered by technology

TESY AquaThermica Pro is a floor standing air-to-water heat pump for domestic hot water engineered for high energy efficiency, smart performance, and eco-conscious operation.

Using the natural R290 (propane) refrigerant, AquaThermica Pro achieves ultra-low Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP). It can heat water up to 65°C using only the heat pump, offering up to 75% energy savings versus conventional electric water heaters. Its high Coefficient of Performance (COP)—up to 3.8—makes it one of the most efficient systems in its class.

Key Features:

- Eco friendly refrigerant R290 /propane/
- Lateral 45° air ducts for installation in rooms as low as 2 meters
- Quiet operation: just 34 dB(A) at 1 meter
- Electronic Expansion Valve (EEV) for precision refrigerant control
- Microchannel condenser and dual temperature sensors for performance and efficiency
- Smart operation modes: Boost, Eco, Intelligent, Vacation, High-Demand
- Anti-legionella function, Dry Check MG anode, and modular service design
- Solar and PV panel compatibility

Compact, quiet, and eco-friendly, AquaThermica Pro is the ideal solution for modern homes looking to combine comfort, sustainability, and long-term savings.