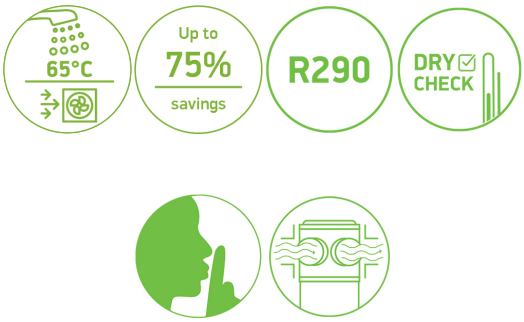
TESY
It's impressive

AQUATHERMICA PRO WITHOUT A HEAT EXCHANGER

AQUATHERMICA PRO 260



TIN Code	306179
Capacity	260 L
Range	260
Height	1911 m
Energy class	A+
Maximum operational temperature	75 °C
Maximum working pressure	8 bar
Diameter	630 mm

Declared load profile	XL
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	1152 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	112,8 kg
Automatic anti-Legionnella disinfection cycle	YES
Minimum height of the premise	2000 mm
Defrosting	Active 4-way valve

CoP (DHW)	3.8
Degree of Protection	IPX4
Refrigerant	R290
Refrigerant charge	150
Average heat pump consumption [Condition EN16147:2017 A7/W55]	0.400 kW

Information

AquaThermica Pro 260

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 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.

- 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 260

Inspired by nature. Powered by technology

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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.