

Safe and Comfortable Hot Water with Smart Safety Technologies



12 Liters
of Hot Water
Per Minute



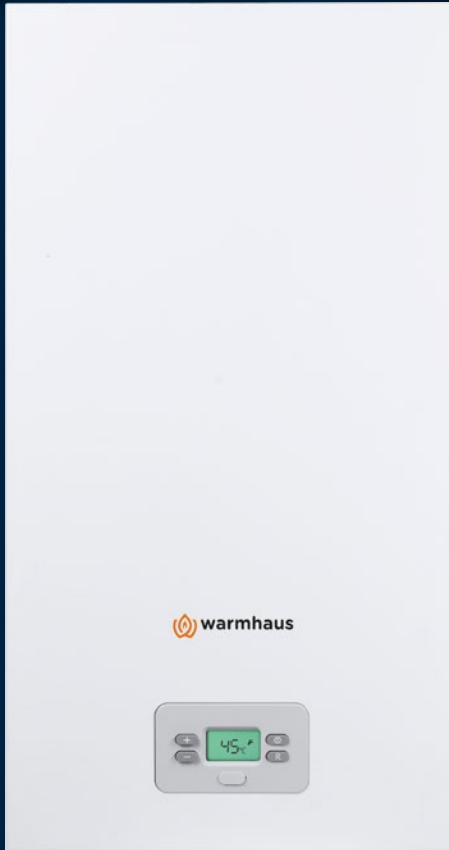
48 dB
Low Sound
Level



21 kW
Water Heating
Power



Up To %89.2
High Efficiency
(η_u -min.)



A
Energy
Class



20 - 30 W
Low Electric
Consumption



ErP Best
NOx Class 6
Category

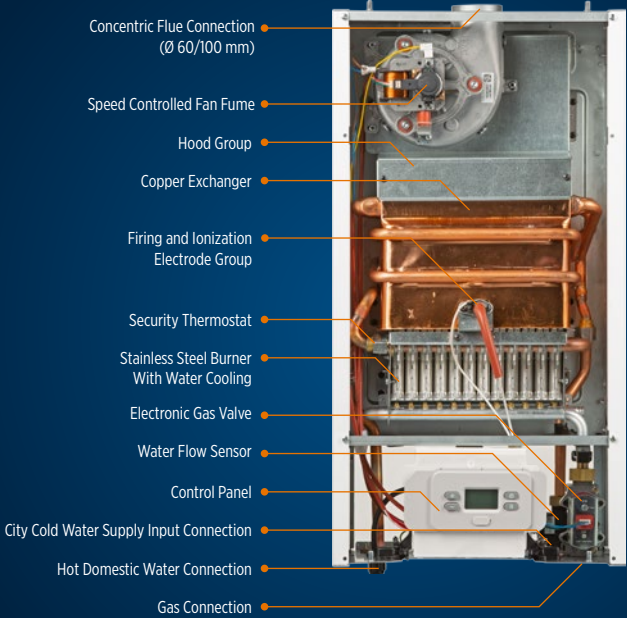
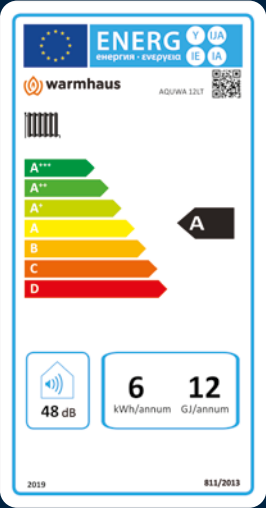


Compact Dimensions
51.9 Liters
Volume

AquWa 12

AquWa 12 Gas Water Heater

Safe Use with 12 Smart Safety Technology Features



Superior Features of AquWa 12



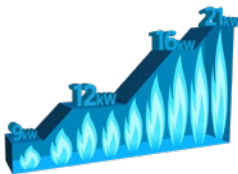
Long Lasting and Durable Copper Heat Exchanger

The heat exchanger manufactured from oxygen-free copper is resistant against brittleness and deformation. Also, it is more environment-friendly since it doesn't require aluminum coating.



Stainless Steel Burner

- Water cooled design
- Burner with lower NOx and CO emissions lower than class 6 (<56 mg / kWh), determining the lowest NOx level according to the ErP Directives.
 - 37.7 mg/kWh NOx output
 - CO < 85 ppm
- Robust construction with stainless steel material
- High flame modulation



Wide Interval Burning Modulation

The electronic card continuously controls the gas valve and the variable cycle fan, and ensures that the flame modulation produces power between 9 kW- 21 kW in order to keep the domestic water at the most sensitive level.



Very Low Electric Consumption

The powerful modulating fan that discharges the exhaust gas is environment-friendly with a very low electric consumption of 20 to 30 W during operation and only 3 W at stand-by.



Trouble- Free Use thanks to Hermetic Body

Easier installation and trouble-free use against combustion errors that may occur due to air circulation, with its technology that does not require throttling washer in the flue connection.



Advanced Electronic Card and Uninterrupted Hot Water Comfort

Continuously produces hot water to prevent temperature fluctuations that can happen because of temperature and flow rate changes during hot water usage. In this way, it provides hot water comfort from 3 liters to 12 liters per minute without any hot/cold water fluctuations.



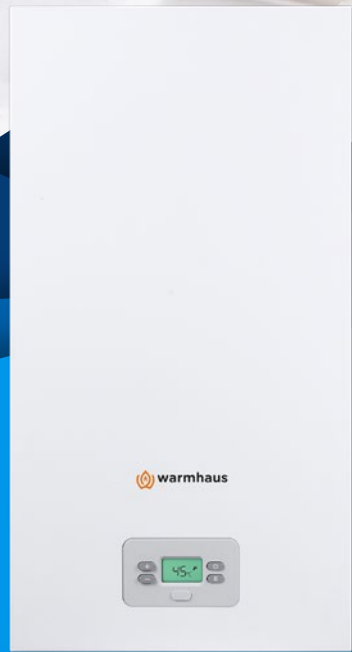
Turbine Water Flow Sensor Fast Hot Water

The sensitive turbine water flow sensor, protected by a special filter, detects water flow instantly and the AquWa 12 gas water heater starts to produce hot water quickly.



Compact Dimensions and Small Volume

With a height of 638 mm, a width of 336 mm and a depth of 242 mm, the AquWa 12 water heater occupies little space and offers a stylish appearance with a total volume of only 51.9 liters.



12 Liters Per Minute Continuous Hot Water

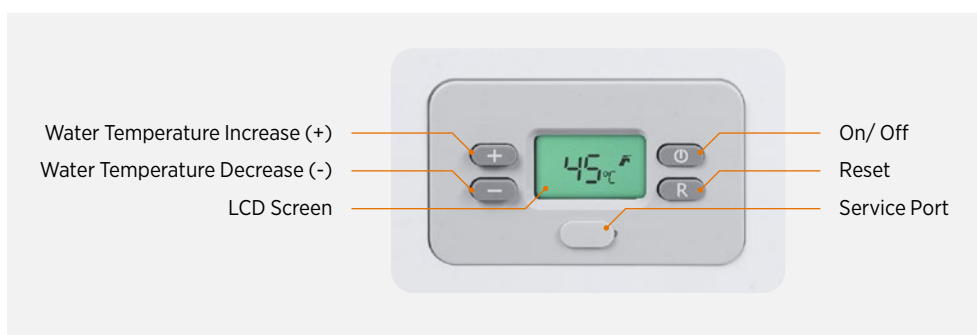
Technical Data	UNIT	AquWa 12
Rated Heat Load (Minimum/Maximum)	kW	10.0 / 23.5
Rated Heat Power(Minimum/Maximum) Rated Heat	kW	8.90 / 20.7
Efficiency(Minimum / Maximum)	%	89.2 / 88.1
Natural Gas Consumption (Minimum / Maximum)	m³/h	1.03 / 2.43
NOx	Class	6
NOx	mg/kWh	37.7
Seasonal Efficiency Class	Class	A
Seasonal Efficiency	%	77
Hot Water Load Profile	Load Profile	L
Capacity (ΔT= 25 °C)	ℓ/min	12
Minimum Water Flow	ℓ/min	3
Water Pressure Maximum	bar	10
Water Pressure Minimum	bar	0.5
Adjustment Interval	°C	35 - 60
Sound	dB	48
Electrical Protection Class		IPX4D
Electric Consumption	W	20-30
Dimensions	cm	638 x 336 x 242
Dimensional Volume of the Device	Liter	51.9
Weight Net	kg	15
Weight Gross	kg	17
Flue Type		C12. C32

AquWa 12 Hermetic Gas Water Heater Features



- 21 kW water heating power
- 12 liters of comfortable hot water production per minute
- A class energy efficiency
- High efficiency up to 89.2% ($\eta_{u-min.}$)
- Domestic hot water in L (Large) profile
- Low exhaust gas emissions compatible with ErP directives (NOx class 6) provided by water-cooled stainless-steel burner
- Durable and environment-friendly copper heat exchanger
- Comfortable use as a result of wide modulation range between 21 kW to 9 Kw
- 35 - 60 °C water temperature adjustment range
- Precise demand detection thanks to the turbine water flow sensor
- 48 dB low sound level
- Takes up less space with its compact dimensions and small volume [0.0519 m³ = 51.9 Liters]
- Electricity consumption only as much as a light bulb thanks to variable speed fan
- Only 3 W electric consumption in stand-by mode
- Digital LCD screen: ± 1 °C temperature adjustment sensitivity, Error Diagnostic System, easy "Error RESET Feature"
- Operation range between 195-253 V AC
- Compatible with solar energy heating systems containing storage tanks
- Flue length up to 4 meters horizontally and vertically

Modern and Elegant Control Panel





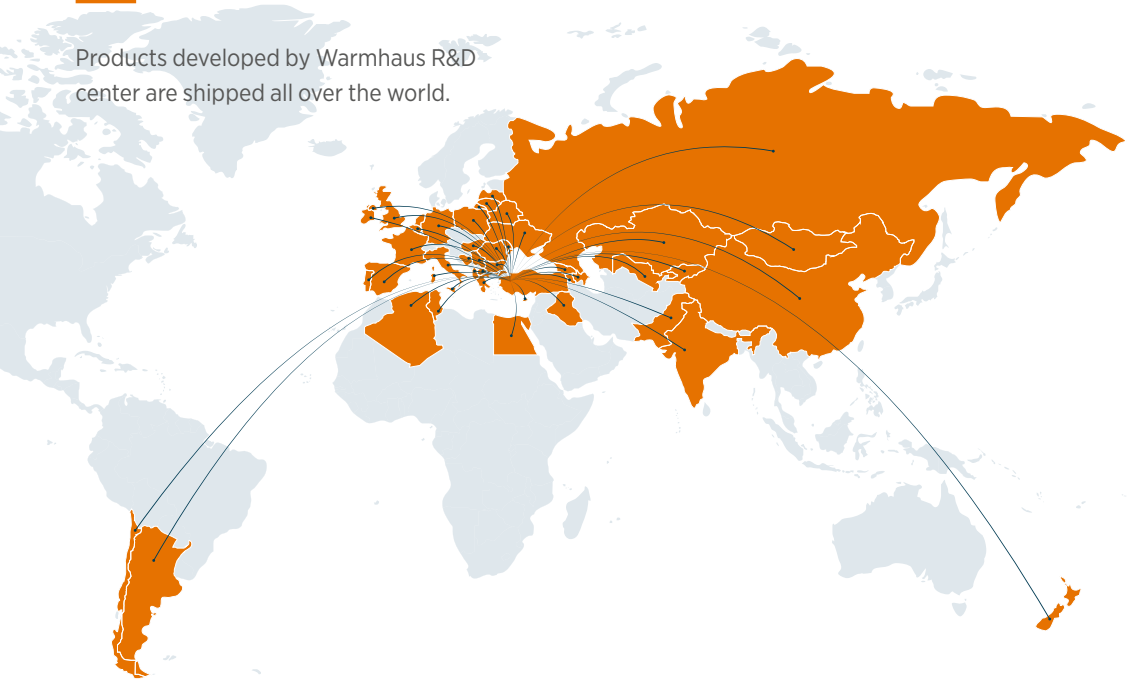
About Warmhaus

Warmhaus is an affiliate of Beyçelik Holding which produces boilers, high capacity wall hung condensing boilers, water heaters and steel panel radiators with experience in HVAC industry since 1996.

With modernised production lines and high quality products; Warmhaus warms houses and buildings in more than +55 countries.

Global Heating Brand

Products developed by Warmhaus R&D center are shipped all over the world.



- | | | | |
|--------------|--------------|-------------------|------------------|
| ➤ Albania | ➤ France | ➤ Kosovo | ➤ Romania |
| ➤ Algeria | ➤ Georgia | ➤ Kyrgyzstan | ➤ Russia |
| ➤ Argentina | ➤ Germany | ➤ Latvia | ➤ Serbia |
| ➤ Azerbaijan | ➤ Greece | ➤ Lithuania | ➤ Spain |
| ➤ Belgium | ➤ Hungary | ➤ Macedonia | ➤ Tunisia |
| ➤ Bosnia | ➤ India | ➤ Moldova | ➤ Turkmenistan |
| ➤ Bulgaria | ➤ Iraq | ➤ Mongolia | ➤ Ukraine |
| ➤ Chile | ➤ Ireland | ➤ Netherlands | ➤ United Kingdom |
| ➤ China | ➤ Italy | ➤ Northern Cyprus | ➤ Uzbekistan |
| ➤ Egypt | ➤ Jordan | ➤ Poland | |
| ➤ Estonia | ➤ Kazakhstan | ➤ Portugal | |