



AQUA COMFORT TURBO GT-19-03



Instantaneous gas water heaters of Aqua Comfort turbo line are characterized by high reliability, modern design and very simple operation. The heaters belong to devices group with closed combustion chamber (C type) and they can be mounted in rooms with small cubic capacity (insufficient to mount the heaters with open combustion chamber). A necessary air in combustion process is drawn from the outside. Exhaust fumes are thrown out by built-in fan, whereby the natural chimney draft is not required (like in heaters with open combustion chamber [] B type). Combustion process takes place in a closed, hermetic combustion chamber [] without contact with room where is mounted. The result of that is a lack of pollutants formed during combustion process and a significant noise reduction. The heaters are a perfect solution for summer houses and campers. The devices have an electronic ignition with ionization flame control (a lack of a flame on the burner) and a linear modulation of the burner power which allows for keeping a constant water temperature. Adjustment by two buttons ☐ MAX and MIN, and the temperature is showing on LCD display. Copper heat exchanger is made in accordance with new technology. The exchanger provides high efficiency, a long-term and a trouble-free operation. The heater is also equipped with an auto-diagnostic system - error codes are shown on LCD display.

- electronic ignition with ionization flame control
- transparent control board with LED display
- modern gas valve
- electronic linear power modulation allows for maintain constant water temperature
- heat exchanger made of copper
- protection against gas outflow
- limiter of water temperature
- differential pressure sensor
- control the patency of air and flue-gas system
- protection against boiler start-up when a fan is defective
- very simple device handling $\ \square$ setting the desired temperature by two buttons: MIN and MAX

Nominal thermal power Minimal thermal power 5,7 kW Nominal heat load 20,6 kW Minimal heat load 6,6 kW Thermal efficiency 93 % Water operating pressure 0,2÷10 bar Hot water outlet (Δ t ≤ 25°C) 2÷11 dm³/min Maximaum temperature of outlet water Daily fuel consumption Qfuel 8,478 kW Energy efficiency of water heating ηwh Energy efficiency class of water heating Load profile M Sound power level LWA Dimensions 63 ty2 inch Heater weight Gas connection G 1/2 inch Hot water connection	parameters	Value
Nominal heat load20,6 kWMinimal heat load6,6 kWThermal efficiency93 %Water operating pressure0,2 ÷ 10 barHot water outlet (Δt ≤ 25°C) $2 \div 11 \text{ dm}^3/\text{min}$ Maximaum temperature of outlet water $60 \degree \text{C}$ Daily fuel consumption Qfuel $8,478 \text{ kW}$ Energy efficiency of water heating ηwh 69% Energy efficiency class of water heatingALoad profileMSound power level LWA 50 dB Dimensions $585 \times 360 \times 220 \text{ mm}$ Heater weight $16,5 \text{ kg}$ Gas connection $G 1/2 \text{ inch}$ Cold water connection $G 1/2 \text{ inch}$	Nominal thermal power	19,2 kW
Minimal heat load6,6 kWThermal efficiency93 %Water operating pressure0,2÷10 barHot water outlet (Δt ≤ 25°C) $2÷11 dm³/min$ Maximaum temperature of outlet water $60 °C$ Daily fuel consumption Qfuel $8,478 kW$ Energy efficiency of water heating ηwh $69 %$ Energy efficiency class of water heatingALoad profileMSound power level LWA $50 dB$ Dimensions $585x360x220 mm$ Heater weight $16,5 kg$ Gas connection $G 1/2 inch$ Cold water connection $G 1/2 inch$	Minimal thermal power	5,7 kW
Thermal efficiency 93 % Water operating pressure 0,2÷10 bar Hot water outlet (Δt ≤ 25°C) 2÷11 dm³/min Maximaum temperature of outlet water 60 °C Daily fuel consumption Qfuel 8,478 kW Energy efficiency of water heating ηwh 69 % Energy efficiency class of water heating A Load profile A Sound power level LWA A Dimensions A Heater weight A Gas connection A Cold water connection A G 1/2 inch	Nominal heat load	20,6 kW
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Hot water outlet (Δ t ≤ 25°C) 2÷11 dm³/min Maximaum temperature of outlet water 60 °C Daily fuel consumption Qfuel 8,478 kW Energy efficiency of water heating ηwh 69 % Energy efficiency class of water heating A Load profile M Sound power level LWA 50 dB Dimensions 585x360x220 mm Heater weight 16,5 kg Gas connection G 1/2 inch Cold water connection G 1/2 inch	Thermal efficiency	93 %
Maximaum temperature of outlet water Daily fuel consumption Qfuel Energy efficiency of water heating ηwh Energy efficiency class of water heating Load profile Sound power level LWA Dimensions Heater weight Gas connection Cold water connection 60 °C 8,478 kW 69 % 64 65 % 65 % 65 % 65 % 65 % 65 % 66 % 66 % 66 % 67 % 68 % 69 % 69 % 69 % 60 °C 60	Water operating pressure	0,2÷10 bar
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Sound power level LWA Dimensions Heater weight Gas connection Cold water connection 50 dB 585x360x220 mm 16,5 kg G 1/2 inch G 1/2 inch	Energy efficiency class of water heating	Α
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Gas connection G 1/2 inch Cold water connection G 1/2 inch	Dimensions	585x360x220 mm
Cold water connection G 1/2 inch	Heater weight	16,5 kg
	Gas connection	G 1/2 inch
Hot water connection G 1/2 inch	Cold water connection	G 1/2 inch
	Hot water connection	G 1/2 inch

