

Quality Heating 287388955

Quality Heating 30L Double Electric Boiler - 1500W User Manual

Model: 287388955 | Brand: Quality Heating

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Quality Heating 30L Double Electric Boiler. Please read all instructions carefully before installation and use, and retain this manual for future reference.

The Quality Heating 30L Electric Boiler is designed for efficient and reliable hot water supply. This electric boiler features an 'Extra Life' design, offering extended lifespan and high energy efficiency (Energy Class A). With a 30-liter capacity and 1500 Watt power, this boiler includes simple, mechanical control. It features 40mm insulation with a conductivity coefficient of $\lambda= 0.22$, resulting in minimal heat loss (less than 0.2 °C per hour). This electric boiler is suitable for various applications, including apartments, hair salons, riding schools, and garages, particularly in areas without gas connections. A 30-liter boiler can provide approximately 79 liters of hot water (at 37°C) when mixed with cold water, sufficient for one person's needs.



Figure 1: Front view of the Quality Heating 30L Double Electric Boiler, displaying its energy efficiency rating and CE certification.

2. SAFETY INFORMATION

Your safety is paramount. Please observe the following safety guidelines:

- **Electrical Safety:** Ensure the boiler is connected to a properly grounded 220 Volt electrical supply. Do not operate with damaged cords or plugs. Disconnect power before any maintenance or repair.
- **Water Pressure:** The boiler is equipped with an overpressure protection system. Do not tamper with the safety valve.
- **Installation:** Installation must be performed by a qualified professional in accordance with local regulations and plumbing codes.
- **Temperature:** Hot water can cause severe burns. Exercise caution when using hot water and ensure children are supervised.
- **Internal Protection:** The boiler features 6 layers of advanced protection, including heat protection, dry-run protection, overpressure protection, corrosion protection, electrical protection, and thermostat control.
- **Anode Tester:** An anode tester with an alarm is integrated to monitor the sacrificial anode, which protects against corrosion.



Figure 2: Cross-section diagram illustrating the multi-layered protective construction of the boiler, including the aluminum casing, enamel coating, magnesium anode, steel tank, external insulation, and thermal protection.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your electric boiler. It is recommended that installation be carried out by a certified technician.

3.1 Unpacking

Carefully remove the boiler from its packaging. Inspect for any signs of damage. Report any damage to your supplier immediately.

3.2 Mounting Location

The boiler is designed for indoor wall mounting. Choose a location that is:

- Capable of supporting the boiler's weight when full (18 kg dry weight + 30 kg water = 48 kg).
- Protected from freezing temperatures.
- Easily accessible for maintenance and operation.
- Close to water supply and electrical connections.

3.3 Dimensions

The product dimensions are approximately 53 cm (Length) x 28 cm (Width) x 95 cm (Height).

Schlankes Design **maximale** Kapazität



Figure 3: Illustration of the boiler's dimensions (53 cm x 28 cm x 95 cm) and a technician performing wall installation, highlighting its space-saving design.

3.4 Plumbing Connections

Connect the cold water inlet and hot water outlet pipes. Ensure all connections are watertight. Install the included safety valve on the cold water inlet according to local plumbing codes.

3.5 Electrical Connection

Connect the boiler to a dedicated 220 Volt electrical circuit. Ensure the circuit is protected by an appropriate circuit breaker. The boiler uses a standard electrical cable for power supply.

4. OPERATING INSTRUCTIONS

The Quality Heating 30L Electric Boiler features a user-friendly digital control panel for temperature adjustment.

4.1 Initial Startup

1. Ensure the boiler is completely filled with water before switching on the power. Open a hot water tap to

allow air to escape until water flows steadily.

2. Switch on the electrical power supply to the boiler.
3. The digital display will illuminate.

4.2 Temperature Adjustment

Use the control knobs on the front panel to set your desired water temperature. The digital display will show the current temperature setting. The adjustable temperature range is typically between 30°C and 75°C.



Figure 4: A user adjusting the digital control panel of the boiler, which allows temperature selection between 30°C and 75°C for personalized comfort.

4.3 Heating Cycle

Once the desired temperature is set, the boiler will begin heating the water. The heating indicator (if present) will illuminate. The boiler will automatically maintain the set temperature.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Quality Heating boiler.

- **Anode Inspection:** The boiler is equipped with an anode tester and alarm. If the alarm activates, it indicates that the sacrificial anode needs inspection or replacement. The anode protects the tank from corrosion. Consult a qualified technician for anode replacement.
- **Draining and Cleaning:** Periodically drain and flush the boiler to remove sediment buildup. This should be done by a qualified professional.
- **External Cleaning:** Clean the exterior of the boiler with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Safety Valve:** Periodically check the safety valve for proper operation. Refer to the safety valve manufacturer's instructions.

6. TROUBLESHOOTING

If you encounter issues with your boiler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No hot water	No power supply Thermostat set too low Heating element failure	Check circuit breaker Adjust thermostat setting Contact a qualified technician
Insufficient hot water	Thermostat set too low Excessive hot water usage Sediment buildup	Increase thermostat setting Allow time for reheating Schedule professional flushing
Water leaking	Loose connections Faulty safety valve Tank corrosion	Tighten connections Replace safety valve Contact a qualified technician
Anode alarm active	Sacrificial anode needs inspection/replacement	Contact a qualified technician for anode service

For problems not listed or if solutions do not resolve the issue, please contact Quality Heating customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Detail
Brand	Quality Heating
Model Number	287388955
Capacity	30 Liters
Dimensions (L x W x H)	53 x 28 x 95 cm
Weight	18 Kilograms
Power Output	1500 Watts

Feature	Detail
Voltage	220 Volts
Power Source	Electric Cable
Installation Style	Indoor Wall Installation
Maximum Temperature	Up to 75 Degrees Celsius (Adjustable)
Insulation	40mm foam, $\lambda= 0.22$ conductivity coefficient
Energy Efficiency	Energy Class A
Safety Features	6-layer protection, safety valve, anode tester with alarm
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Quality Heating boiler comes with a 2-year warranty, supported within the EU. Please retain your proof of purchase for warranty claims.

8.2 Spare Parts Availability

Information regarding the availability of spare parts is currently not provided. Please contact customer support for inquiries about specific components.

8.3 Customer Support

For technical assistance, warranty claims, or any questions regarding your Quality Heating product, please contact your retailer or visit the official Quality Heating website for support contact details.

Related Documents - 287388955

 <div> Quality Heating QH-HH Serie infraroopaneel </div>	<p>Quality Heating QH-HH Series Infrared Panel - User Manual, Installation Guide, and Technical Specifications</p> <p>Detailed user manual and technical specifications for the Quality Heating QH-HH Series infrared panel. Includes installation instructions, safety warnings, troubleshooting, and product features.</p>
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 <p>Quality Heating 200 liter QH Dual Boiler</p> <p>CE</p>	<p>Quality Heating 200L QH Dual Boiler - Handleiding, Specificaties en Installatie</p> <p>Gedetailleerde handleiding, technische specificaties en installatie-instructies voor de Quality Heating 200L QH Dual Boiler, een commerciële elektrische boiler.</p>
 <p>Quality Heating Diesel heater</p> <p>CE</p>	<p>Quality Heating Diesel Heater: User Manual, Safety, and Specifications</p> <p>Comprehensive guide for the Quality Heating Diesel Heater, covering safety instructions, technical specifications, assembly, operation, maintenance, and troubleshooting. Includes product details and operational guidance.</p>
 <p>Quality Heating Elektrische werkplaatskachel</p> <p>CE</p>	<p>Quality Heating SFG3-19B Electric Workshop Heater User Manual</p> <p>Comprehensive user manual for the Quality Heating SFG3-19B Electric Workshop Heater, covering safety warnings, technical specifications, operation, maintenance, and troubleshooting.</p>
 <p>Quality Heating Diesel heater</p> <p>CE</p>	<p>Quality Heating SFY30-19B Diesel Heater Handleiding: Installatie, Gebruik & Veiligheid</p> <p>Download de complete handleiding voor de Quality Heating SFY30-19B diesel heater. Vind gedetailleerde informatie over technische specificaties, installatie, veilige bediening, onderhoud en probleemoplossing.</p>
 <p>Boiler Floor Stand Installation Guide</p>	<p>Step-by-step instructions for installing a universal boiler floor stand, including parts list, hardware specifications, and required tooling. Features diagrams and dimensions for a Quality Heating boiler stand.</p>