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› [FOGATTI InstaGas Comfort 170S Series Propane Gas Tankless Water Heater Indoor - 7.5 GPM, 170,000 BTU User Manual](#)

## FOGATTI InstaGas Comfort 170S Series

# FOGATTI InstaGas Comfort 170S Series Propane Gas Tankless Water Heater User Manual

Model: InstaGas Comfort 170S Series

Brand: FOGATTI

## 1. IMPORTANT SAFETY INFORMATION

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Please read and understand all safety instructions before installing, operating, or performing maintenance on this appliance. Failure to follow these instructions could result in property damage, personal injury, or death.

### General Warnings

- This appliance is for indoor installation only.
- Ensure proper ventilation as specified in the installation instructions.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Children should be supervised to ensure they do not play with the appliance.
- Hot water increases the risk of scalding injury. Exercise caution when setting water temperature.

### CSA Certification

This FOGATTI tankless water heater is CSA certified, ensuring it meets high safety and performance standards. It incorporates multiple safety features including IPX4 waterproof rating, dry-burning prevention, overheat protection, anti-freeze protection, time-out shutdown, and accidental flameout protection.

# Stable Temperature Control

Based on Water and Gas Dual Regulator Technology

**7.5GPM**  
Endless Flow

**±1 °F**  
Temperature Control

**Hot Water**  
Always Ready

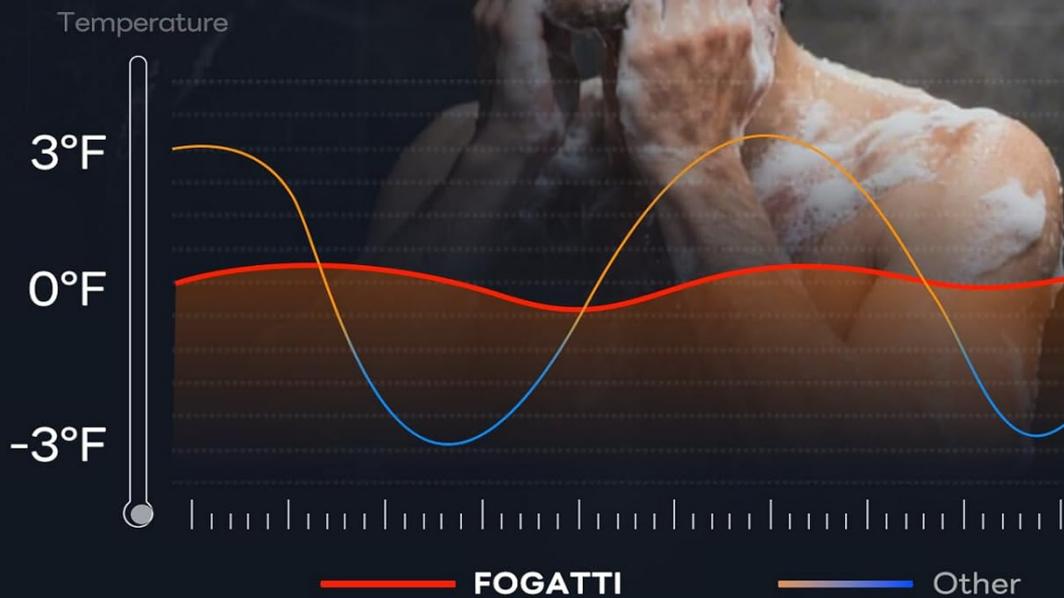


Figure 1: FOGATTI Tankless Water Heater Display with Safety Warnings. The display shows a temperature of 110°F, and warning labels are visible on the unit's surface, advising caution regarding scalding and general safety.

## Oxygen-Free Copper Heat Exchanger

UEF>0.81, corrosion&rust resistance

**10s**  
Fast Heating

**0.5GPM**  
Low start-up Flow rate

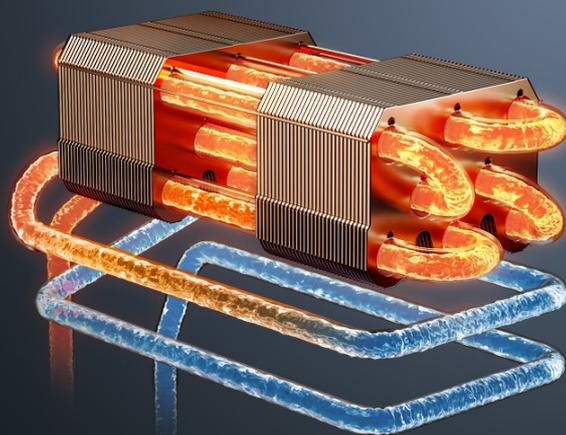


Figure 2: CSA Certified Safety Features. This image highlights the comprehensive safety protections of the FOGATTI water heater, including IPX4 Waterproof, Dry-burning Prevention, Overheat Protection, Anti-freeze Protection, Time-out Shutdown, and Accidental

Flameout Protection, all within a shield graphic.

## 2. PRODUCT OVERVIEW

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The FOGATTI InstaGas Comfort 170S Series is a compact, high-performance propane gas tankless water heater designed for indoor installation. It delivers up to 7.5 Gallons Per Minute (GPM) of hot water with a heating power of 170,000 BTU, providing instant and endless hot water for multiple applications.



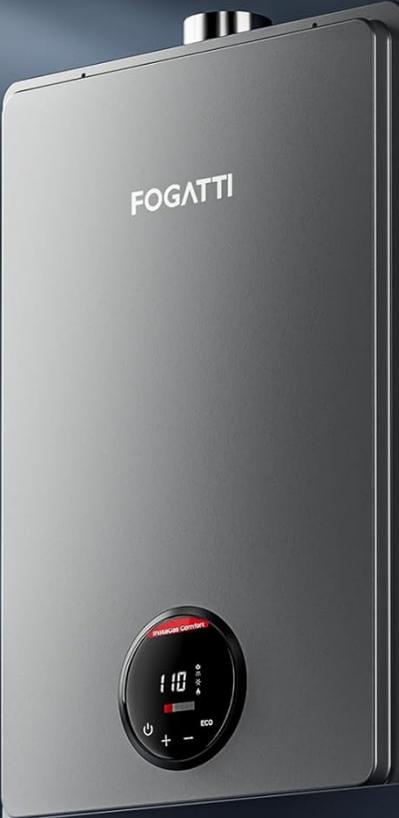
Figure 3: FOGATTI Propane Gas Tankless Water Heater. A front view of the gray FOGATTI tankless water heater, featuring labels for Liquid Propane, 7.5 GPM, and Indoor Installation, with a digital display at the bottom.

### Key Features

- **Instant Heating:** Provides hot water as it flows through, eliminating the need for preheating.
- **Precise Temperature Control:** Advanced water servo technology and temperature sensors maintain a temperature difference within  $\pm 1^{\circ}\text{F}$ .
- **Compact Design:** Measures 25 x 16.3 x 7.3 inches, saving space compared to traditional tank heaters.
- **High Efficiency:** Features an oxygen-free copper heat exchanger and a four-stage combustion system for optimal performance.
- **Multi-Point Supply:** Capable of supplying 3-5 outlet points simultaneously.

# 4x Performance in 1/3 Size

- **Instant Heating** 
- **Precise Temperature Control** 
- **Quality Components** 
- **CSA Certified** 
- **Constant Temperature** 
- **Huge Flow** 
- **Energy Saving** 
- **Easy to Install** 



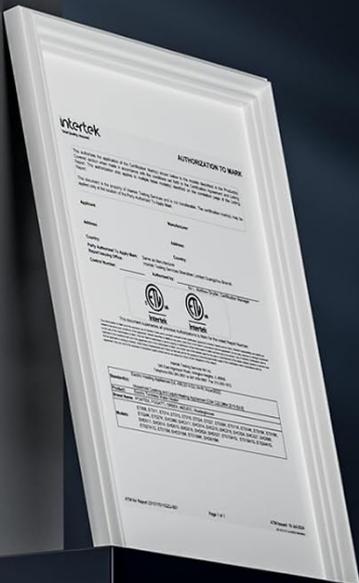


Figure 4: FOGATTI Water Heater Features. This diagram illustrates the key benefits and components, including instant heating, precise temperature control, quality components, CSA certification, constant temperature, high flow, energy saving, and ease of installation.

# Constant-Temp Heating System

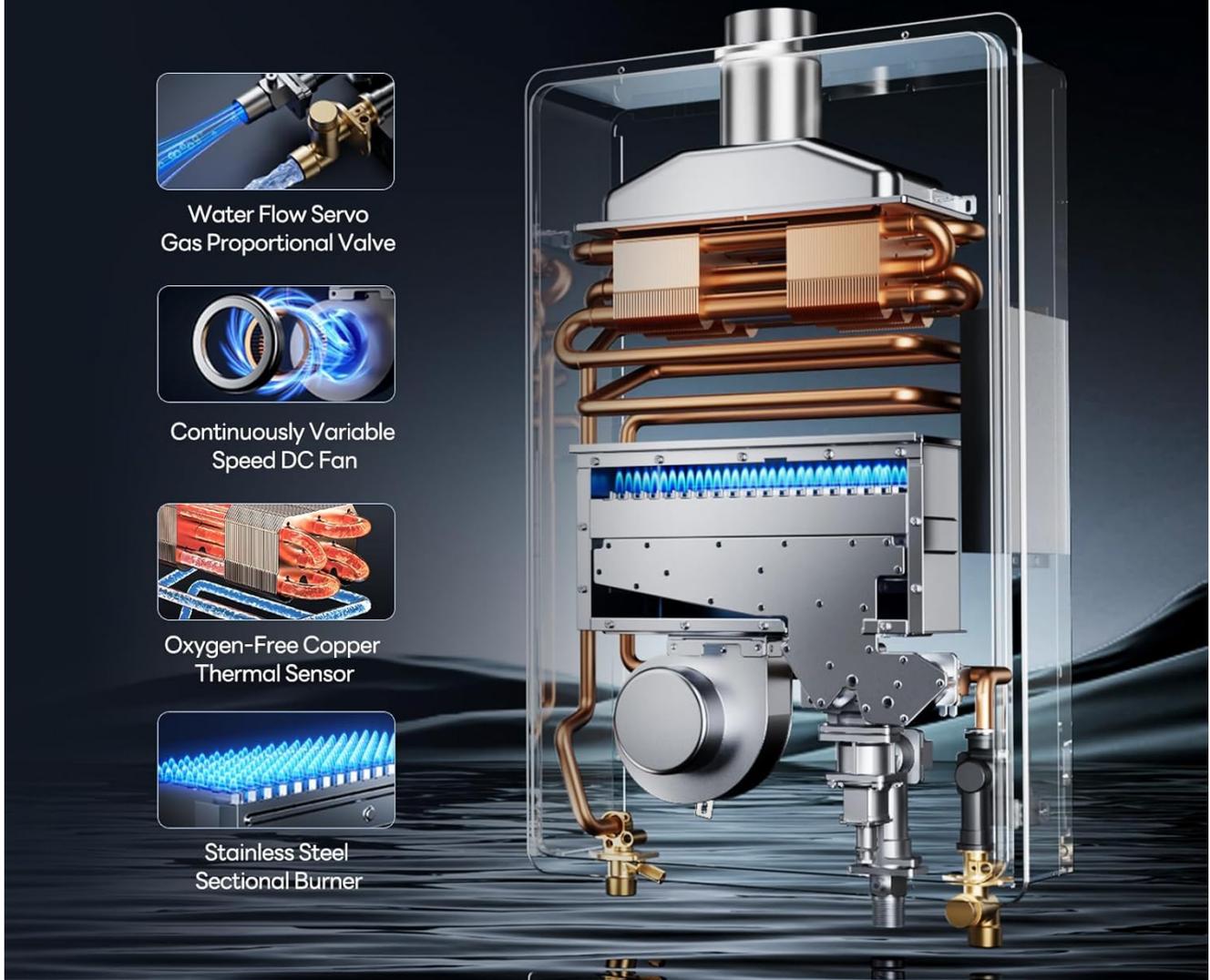


Figure 5: Constant-Temp Heating System. An internal view of the water heater showing the water flow servo, gas proportional valve, continuously variable speed DC fan, oxygen-free copper thermal sensor, and stainless steel sectional burner, all contributing to stable temperature output.

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Video 1: FOGATTI Tankless Water Heater Indoor Overview. This video provides a visual overview of the FOGATTI tankless water heater, demonstrating its features and internal workings for indoor use.

## 3. INSTALLATION

The FOGATTI InstaGas Comfort 170S Series is designed for straightforward indoor installation. It requires a standard 120V AC electrical connection and is compatible with water pressures ranging from 15-150 PSI.

### Installation Requirements

- **Location:** Indoor, wall-mounted. Ensure adequate clearance for ventilation and maintenance.
- **Electrical:** Standard 120V AC.
- **Water Pressure:** 15-150 PSI.

- **Gas/Water Connection:** 3/4" NPT.
- **Altitude:** Recommended for use below 2000 feet altitude for optimal performance.

## Compact Size Powerful Performance

### Flow

7.5 Gal/Min

### Power

170,000 BTU

### Supply

120V AC(60 HZ)

### Dimensions

H 26.2" × W 17.1" × D 7.3"

### Weight

45 lbs

### Water Pressure

15-150 PSI

### Gas/Water Connection

3/4" NPT

### Operation Method

Touch



Figure 6: Compact Size and Performance Specifications. This graphic provides key dimensions (H 26.2" × W 17.1" × D 7.3") and performance data such as flow rate (7.5 Gal/Min), power (170,000 BTU), weight (45 lbs), and water pressure compatibility (15-150 PSI).



Figure 7: Installation Instructions Diagram. This diagram illustrates the connections for water inlet, water outlet, and gas inlet (all 3/4" NPT), along with a list of included accessories and items that need to be purchased separately for installation.

## 4. OPERATING INSTRUCTIONS

The FOGATTI InstaGas Comfort 170S Series provides on-demand hot water with precise temperature control, ensuring a consistent and comfortable experience.

## Temperature Control

The unit features advanced water servo technology and temperature sensors to precisely adjust water flow and gas intake. This system maintains the desired water temperature within  $\pm 1^{\circ}\text{F}$ , preventing fluctuations even when multiple outlets are in use.

# Stable Operation in Extreme Weather

Withstands 9-level gales, undaunted by ice and snow

**Active Anti-freeze Thermostat**  
Automatically heats when below  $41^{\circ}\text{F}$

**NIDEC Fan**  
Continuously variable speed fan  
stable and silent operation

\*Tips: If environment temp drop below  $5^{\circ}\text{F}$  or not be used for long period, drain the water inside to prevent damage.

Figure 8: Stable Temperature Control. A graph comparing the temperature stability of the FOGATTI water heater (red line) against other systems (orange line), demonstrating minimal temperature deviation. A person is shown enjoying a consistent hot water flow.

## Multiple Water Points

This water heater is capable of simultaneously serving 3-5 water points, such as showers, sinks, and appliances, without significant loss of hot water temperature or pressure.

# CSA-certified for Safety & Quality

Passed 30+ tests, ensuring worry-free use



IPX4  
Waterproof



Dry-burning  
Prevention



Overheat  
Protection



Anti-freeze  
Protection



Time-out  
Shutdown



Accidental  
Flameout  
Protection

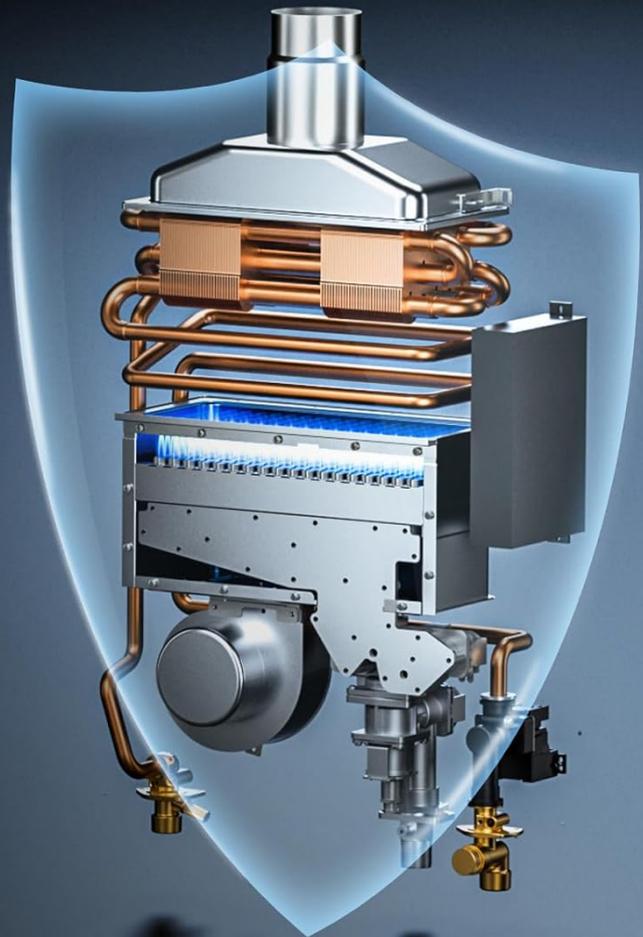


Figure 9: Simultaneously Serve 3-5 Water Points. An illustration of a multi-story house with various hot water usage points highlighted, including a shower, pet bathing, kitchen cleaning, and laundry, indicating the unit's capacity to handle multiple demands concurrently.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your FOGATTI tankless water heater.

### Anti-freeze Device

The unit is equipped with an active heating anti-freeze device. If the ambient temperature drops below 5°F (41°F) or if the unit will not be used for an extended period, it is recommended to drain the water inside to prevent potential damage from freezing.

# Simultaneously Serve 3-5 Water Points

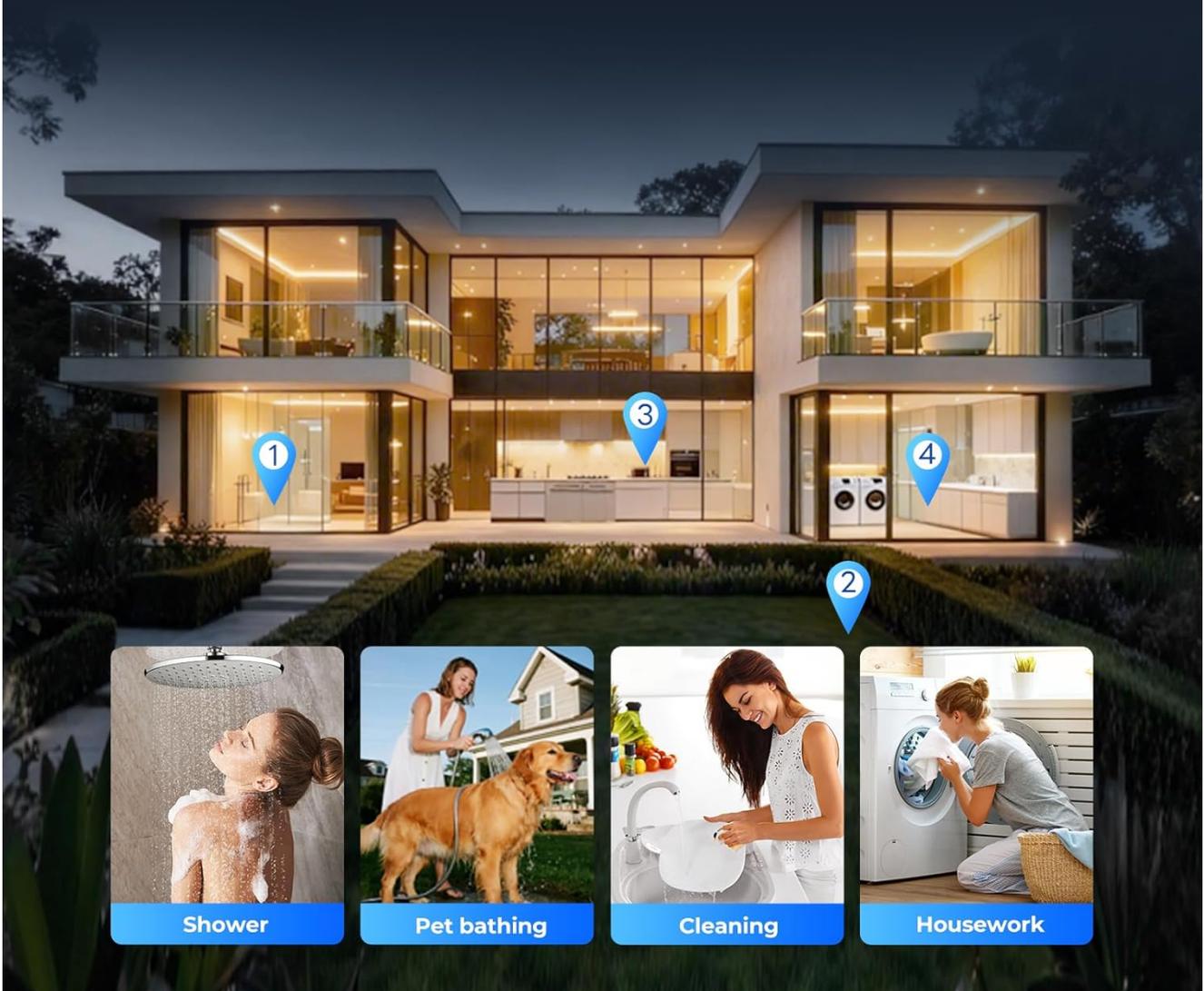


Figure 10: Stable Operation in Extreme Weather. This image shows the internal components of the water heater, specifically highlighting the active anti-freeze thermostat and the NIDEC fan, designed to ensure reliable operation even in cold conditions.

## Clean Out Port

The water heater includes a clean out port for periodic maintenance. Refer to the detailed user manual (physical copy) for specific instructions on how and when to clean this port to maintain optimal performance.

## 6. TROUBLESHOOTING

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This section provides general guidance for common issues. For detailed troubleshooting steps, please consult the comprehensive user manual provided with your unit or contact customer support.

### Common Issues and Solutions

- **No Hot Water:**
  - Check if the unit is powered on. After a power outage or initial plug-in, press the power button on the unit's display.

- Ensure the gas supply valve is open.
- Verify water flow to the unit.

- **Inconsistent Water Temperature:**

- Confirm the set temperature on the unit's display.
- Check for adequate water flow rate; very low flow can sometimes cause fluctuations.

- **Error Codes:**

- If an error code appears on the display, refer to the detailed manual for specific code meanings and recommended actions.

## 7. SPECIFICATIONS

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Detailed technical specifications for the FOGATTI InstaGas Comfort 170S Series Propane Gas Tankless Water Heater.

Feature	Specification
Brand	FOGATTI
Product Dimensions	16.3"W x 25"H x 7.3"D
Color	Gray
Wattage	43 Watt-hours
Voltage	120 Volts (AC)
Maximum Flow Rate	7.5 Gallons Per Minute
Maximum Temperature	150 Degrees Fahrenheit
Heat Output	170,000 BTU per Hour
Efficiency	0.81
Maximum Operating Pressure	150 Pound per Square Inch
Mounting Type	Wall
Item Weight	45.5 pounds
Item Model Number	InstaGas Comfort
Finish	Cold-Rolled Steel Casing

Feature	Specification
Installation Method	Wall-Mounted
Included Components	Tankless Water Heater x 1, User's Manual x 2 (English and French Version), Quick Installation Poster x 1, Assembly Kit x 1 (Wood Screw x 4, Expansion Bolt x 2, Plastic Wall Plug x 4), Warranty Card x 1

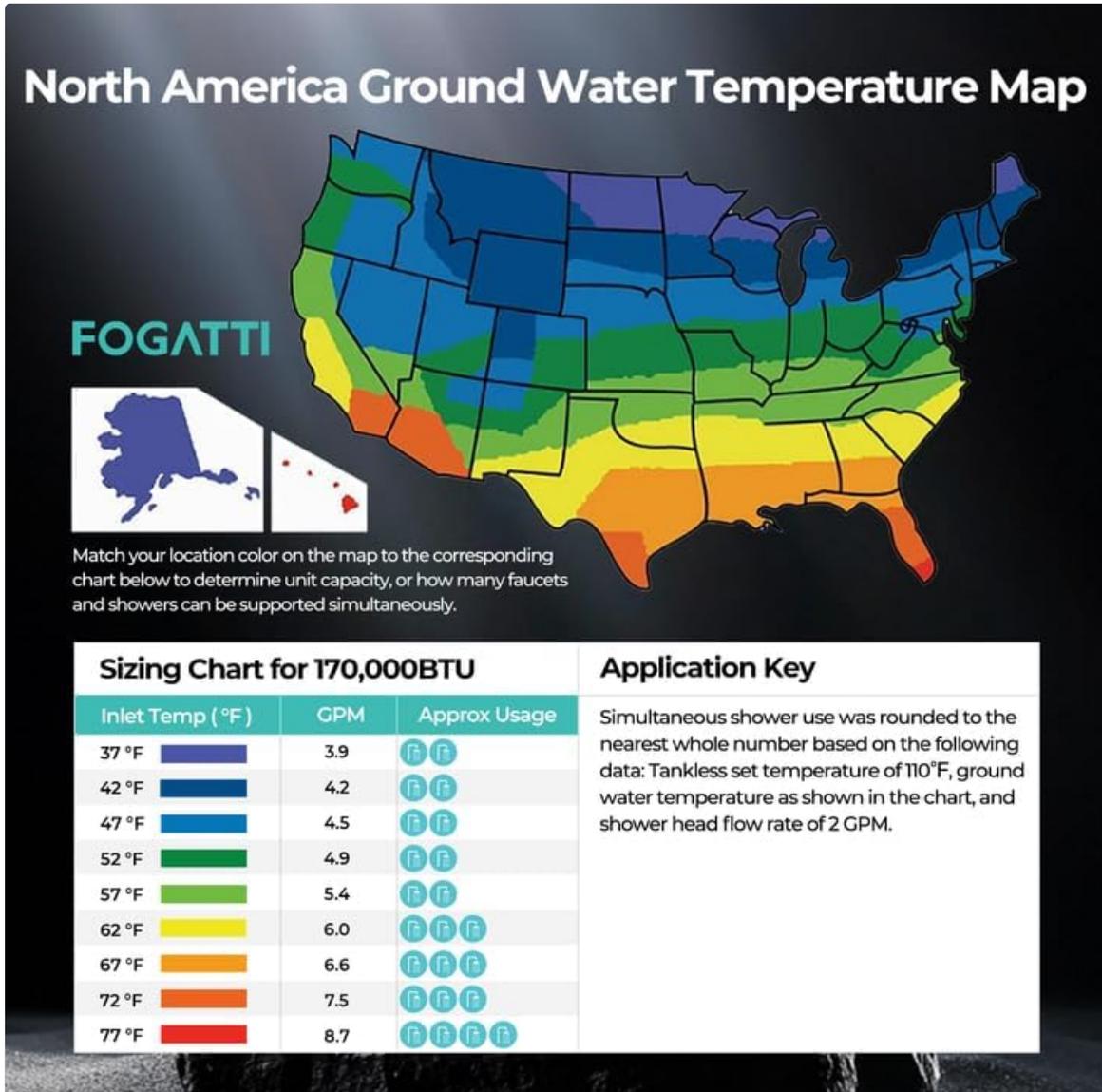


Figure 11: North America Ground Water Temperature Map and Sizing Chart. This map shows varying ground water temperatures across North America, accompanied by a sizing chart that helps determine unit capacity based on inlet temperature, GPM, and approximate usage for a 170,000 BTU unit.

## 8. WARRANTY AND SUPPORT

FOGATTI stands behind the quality and performance of its tankless water heaters.

### Warranty Coverage

- **Full Unit Coverage:** 2 years.
- **Heat Exchanger Coverage:** 5 years.

Please retain your proof of purchase and warranty card for any claims.

## Customer Support

Our dedicated customer support team is available to assist you with any questions, concerns, or technical support needs. We offer lifetime technical support for your FOGATTI product.



*Figure 12: 7/24 Customer Service. An image of a customer service representative on the phone, symbolizing the available support for pre-sale inquiries, customer care, returns, and replacement parts.*