

Manuals.plus /

› duxtop /

› User Manual for Duxtop 1800W Portable Induction Cooktop

duxtop BT-180G3

User Manual: Duxtop 1800W Portable Induction Cooktop

Brand: duxtop | Model: BT-180G3

1. PRODUCT OVERVIEW

The Duxtop 1800W Portable Induction Cooktop is a versatile countertop burner designed for efficient and safe cooking. It utilizes induction technology, requiring specific cookware to operate. Its compact and lightweight design makes it ideal for various kitchen setups and easy storage.



Image: Duxtop 1800W Portable Induction Cooktop, showing its sleek black glass surface and control panel.

Key Features:

- Requires induction compatible cookware (magnetic base, 5-12 inches diameter).

- Digital control panel for precise adjustments.
- Built-in count-down digital timer with 1-minute increments up to 170 minutes.
- 10 power levels ranging from 200 to 1800 Watts.
- 10 temperature settings from 140°F to 460°F.
- Lightweight and compact for easy handling and storage.
- Equipped with safety features including auto-pan detection, over-heat protection, and a diagnostic error message system.
- Operates on a standard 120V 15 amp electrical outlet.

2. SETUP AND COOKWARE COMPATIBILITY

Cookware Requirements:

The Duxtop Induction Cooktop requires cookware with a magnetic bottom. To test compatibility, simply place a magnet on the bottom of your pot or pan. If the magnet sticks firmly, the cookware is compatible. Compatible materials include magnetic iron, stainless steel with a magnetic bottom, and cast iron.



Image: Illustration demonstrating how to test cookware compatibility with a magnet. Shows examples of compatible (magnetic iron pan, stainless steel with magnetic bottom, cast iron pot) and non-compatible cookware.

Ensure the bottom of the cookware is flat and has a diameter between 5 and 12 inches for optimal performance. Non-

compatible materials typically include glass, ceramic, copper, and aluminum without a magnetic base.

Placement:

Place the cooktop on a dry, stable, and level surface. Ensure adequate ventilation around the unit. Plug the cooktop into a standard 120V, 15 amp electrical outlet. It is recommended to use a dedicated outlet for the cooktop to avoid overloading circuits.

3. OPERATING INSTRUCTIONS

Powering On/Off:

Press the **ON/OFF** button to turn the unit on. The digital display will illuminate. To turn off, press the **ON/OFF** button again.

Selecting Cooking Mode:

The cooktop offers two primary cooking modes: Power Mode and Temperature Mode.

- **Power Mode (Heating W):** Press the **HEATING (W)** button to enter Power Mode. Use the **+** and **-** buttons to adjust between 10 power levels (200W to 1800W). This mode is ideal for rapid boiling or high-heat cooking.
- **Temperature Mode (Temp °F):** Press the **TEMP (°F)** button to enter Temperature Mode. Use the **+** and **-** buttons to select from 10 temperature settings (140°F to 460°F). This mode is suitable for precise temperature control, such as simmering or deep-frying.

If a household magnet sticks securely to the bottom of the cookware, the cookware is induction compatible.



Compatible Cookware:

The magnet can stick to the bottom



Incompatible Cookware:

The magnet can not stick to the bottom



Image: Close-up of the Duxtop cooktop control panel, highlighting the digital display, power, heating, temperature, and timer buttons.

Using the Timer:

Press the **TIMER (min)** button to activate the timer function. Use the **+** and **-** buttons to set the desired cooking time in 1-minute increments, up to a maximum of 170 minutes. Once the timer expires, the cooktop will automatically shut off.

4. MAINTENANCE AND CLEANING

Regular cleaning ensures the longevity and optimal performance of your Duxtop Induction Cooktop.

Cleaning the Cooktop Surface:

Allow the glass surface to cool completely before cleaning. The surface remains hot after use, so avoid touching it immediately. Once cool, simply wipe the premium glass surface with a damp cloth or a mild non-abrasive cleaner. Food does not burn onto the glass, making cleanup easy.

EASY MAINTENANCE

Premium glass surface for easy cleaning



Image: A hand wiping the glass surface of the cooktop with a pink cloth, illustrating easy maintenance.

Heat Dissipation:

The cooktop features a durable 7-blade fan that rapidly dissipates heat from internal components, ensuring a longer product life. Keep the fan vents clear of obstructions to maintain proper airflow.



Image: Diagram showing the internal fan and airflow for fast heat dissipation from the cooktop.

5. TROUBLESHOOTING

The Duxtop Induction Cooktop is equipped with a diagnostic error message system to help identify and resolve common issues.

Common Issues and Safety Features:

- **Auto-Pan Detection:** If no compatible cookware is detected on the cooktop, the unit will automatically shut off after 60 seconds, accompanied by a diagnostic error message.
- **Over-Heat Protection:** The cooktop will automatically turn off if it detects an overheating condition, preventing damage to the unit.
- **Low and High Voltage Warning System:** The unit will display a warning message and may shut off if the input voltage is outside the safe operating range (e.g., below 100V or above 130V).
- **Error Messages:** Refer to the full user manual (PDF link below) for a complete list of diagnostic error messages and their corresponding troubleshooting steps.

6. SPECIFICATIONS

Feature	Detail
Model Number	BT-180G3
Color	Gold
Material	Glass+PP
Wattage	1800 watts
Voltage	120 Volts
Product Dimensions	11.5"D x 13"W x 2.5"H
Item Weight	5.8 Pounds
Controls Type	Push Button
Burner Type	Induction

7. WARRANTY AND SUPPORT

The Duxtop 1800W Portable Induction Cooktop includes a one-year manufacturer's warranty. For detailed information, troubleshooting guides, and customer support, please refer to the official user manual:

[Download Full User Manual \(PDF\)](#)