

YOUR HOW TO GUIDE

For Installing Electric (Induction) Cooktops

COOK FASTER, CLEANER, CHEAPER.

Why Choose an Induction Cooktop?



Cheapest Cooking Option

For Running Costs

Induction cooktops are the cheapest to use due to high efficiency, as 90% of heat reaches food. With solar, induction cooking is effectively free compared to gas.

Example: Average running cost for gas in 2025 was \$360, electric resistive was \$100, and induction was \$90. Example: Electric resistive cooktop efficiency is 65-70%, gas cooktops is 32-44%.



Easy To Clean

With a smooth, flat surface, it is easier to wipe down than a gas cooktop. Since the glass surface stays relatively cool, food spills don't bake onto the cooktop.



Faster Cooking

Speed and Precision

Induction is significantly faster than gas; temperature changes are instant. It also offers digital precision, allowing you to maintain the heat you want.



Better Indoor Air Quality, Better for Health and Environment

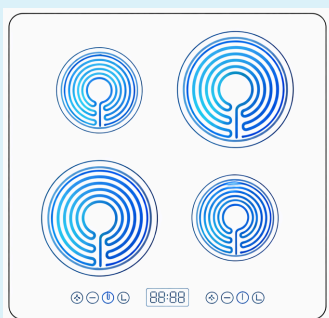
Induction does not involve burning gas so produces no indoor air pollution. This results in better air quality in your home, and is better for the environment. Asthma Australia research says gas cooktops contribute to approximately 12% of childhood asthma cases.



Safer To Use

No Naked Flames - Fewer Burns and Fires

The surface only heats when a pan is present and the cooktop cools quickly after use. This is safer than a naked gas flame and there is less risk of cooking burns or household fires.



Your Induction Cooktop Installation Checklist



Decide on the Type of Cooktop

Portable induction: plugs into a power point, no installation required. Installed induction: built into the bench and hardwired by an electrician.



Measure Your Bench Space

Choose a cooktop the same size as your existing one to avoid modifying the benchtop.



Check Your Electrical Setup and Requirements

An electrician can confirm whether a new circuit or switchboard upgrade is needed.



Check Your Cookware

Induction works with pots with a magnetic base, including cast iron, steel and most stainless steel saucepans.



Get Quotes From Qualified Trades

Find reputable local installers. Ask friends and families who they used. Compare appliance cost, installation, and any electrical upgrades required.



Disconnect Gas (If Replacing Gas)

A licensed plumber is required to safely disconnect the gas supply, if you are switching from gas to electric.



Physical Installation, Safety Check and Electrical Safety Certificate

Installation takes less than 1 day. The electrician runs a heavy-duty cable from your switchboard to the kitchen, installs the cooktop and installs a mandatory isolation switch (on the wall or splashback) for emergency shut-off. The electrician issues a Certificate of Electrical Safety (CES).

References:

- yourhome.gov.au/energy
- energy.gov.au
- rewiringaustralia.org
- climatechoices.act.gov.au/policy-programs/sustainable-household-scheme/buyers-guides/cooking-with-electricity-a-guide-to-electric-stove-tops

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