

# SUSTAINABILITY

# TIPS

Brought to you by the  
Portola Valley Sustainability Committee

## Induction Cooktop Loaner at PV Library

The Sustainability Committee and the Town of Portola Valley are pleased to announce the availability of an induction cooktop and associated cookware that can now be borrowed from the Portola Valley Library to try out at home.

An induction cooktop gets its power and precision from induction technology, generating energy from magnets below the glass cooktop surface, which vibrates the electrons in magnetic cookware, causing it to heat up through friction. For those who don't have magnetic cookware (iron, carbon steel, most stainless steel), an inexpensive diffusion platter can allow you to use your existing cookware. The loaner set contains a couple of diffusion platters for trial.

Food cooks faster on an induction stove. The technology cuts out the intermediate step of heating up an element and then transferring the heat to the pot.

For most Portola Valley homes for which renewable sources account for 100% of electricity generated, an all-electric home will reduce the home's carbon footprint. Switching your gas cooktop to an induction cooktop is one step toward the goal of a net carbon zero home.

For those who want to eliminate the air pollution associated with natural gas burning within their homes and the dangers of constantly leaking methane, switching to an induction cooktop is an excellent alternative. Also, induction cooktops have a built-in safety feature. If you turn on an induction burner with no pot on it by mistake, it won't get hot.

Portola Valley residents can now borrow a table-top induction cooktop with associated cookware from the Portola Valley Library to try it out at home. To borrow the equipment, please go to: <https://smcl.libcal.com/equipment/item/147115>

For those who decide that induction cooktops are the way to go, Bayren offers a rebate up to \$750: <https://www.bayren.org/homeowners/induction-cooktops>  
Additional rebates may be available through the Inflation Reduction Act of 2022 when the details are finalized.

For more information on induction cooktops, Peninsula Clean Energy has additional information on installation requirements : <https://www.peninsulacleanenergy.com/about-induction-cooking/>



**Duxtop Double Induction Cooktop 1800W**



**Induction Cookware Set**