

Haines Solar Cookers, LLC

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Haines Solar Cookers LLC announces its newest "Pop Open" solar cooker. The new cooker ships flat and literally "pops open" ready for use. Based in California and founded in 2012, Haines Solar Cookers, LLC is a leading manufacturer of solar cookers. Over 4,000 Haines Solar Cookers have been sold in the United States on Amazon and the company website, www.HainesSolarCookers.com. Approximately 2,500 have been provided internationally in Haiti, Mexico, Kenya, and Uganda to improve the lives of women and children. Some international projects are described in this article, [Carbon-Free Cooking](#), this video, <https://youtu.be/tMpTPJOwE7A>, and the Haines Solar Cooker Users Facebook page, <https://www.facebook.com/groups/699622245226795>.



The new Pop Open design has the same components as the popular Haines 2.0 "Sun Up" solar cooker, which has been extensively tested and evaluated in a peer-reviewed journal which rated its power at 87 watts:

<https://www.sciencedirect.com/science/article/pii/S0360544222016334>.

Earlier testing by Solar Cookers International rated the Haines 2.0 at 82 watts: <https://www.solarcookers.org/resources/results>. A number of

environmental organizations have tested and rated the Haines 2.0 as "best solar cooker," including EcoWatch,

<https://www.ecowatch.com/solar-oven-guide-2655204322.html>, and

TreeHugger, <https://www.treehugger.com/best-solar-ovens-5120148>.

The new Pop Open design performs similarly but is quicker to set up and fold up for storage.



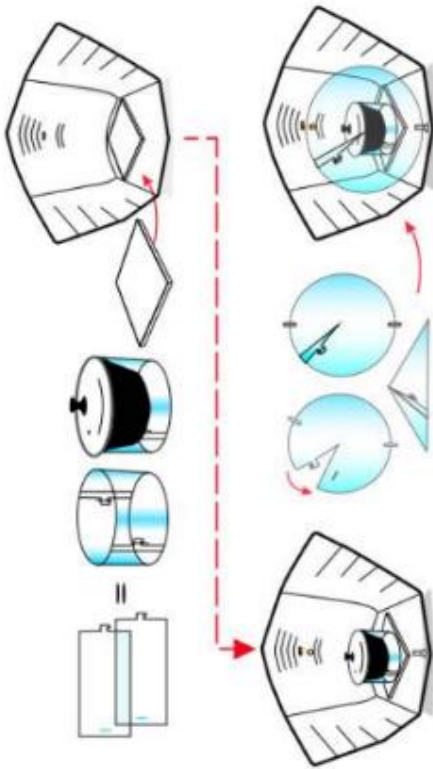
Haines Solar Cookers are durable. A study in Mexico found that five years after distribution, more than 80% of Haines Solar Cookers were still in use and users were very impressed with the fuel savings:

<https://www.youtube.com/watch?v=MQucCa7iOoQ&list=PLhg5QcqkbudToUMKfiQFHKCsHC3Uwnj9&index=34>. The cookers are not affected by boiling water and can be left out in the rain. The reflector is IXPE

foam bonded to reflective Mylar, with a white polyester backing. A clear high-temp plastic "cooking sleeve" insulates and elevates the cooking pot, allowing sunlight to be reflected onto the bottom as well as the sides and top of the pot. The cooker includes a 4.5-liter stainless steel Dutch oven with a glass lid that is accessible during cooking—just like cooking on a stove. A clear plastic circular cover holds the reflector in the proper parabolic shape and acts as a windscreen. The reflector is large enough to accommodate a 20-liter "Jerrican" to pasteurize drinking water. The cooker can act as its own "heat-retaining basket" to keep the evening meal piping hot until after dark. See next page for "visual" instructions.

The new Pop Open cooker is the result of ten years of research and development. Founder Roger Haines is a retired Attorney and Board Chair of the Alliance for African Assistance, a San Diego refugee resettlement organization (<https://www.alliancefor-africa.org>), with branch offices in Kenya, Uganda, and Italy. Partner Paul Devermann handles finance and marketing. Mohammad Rasooli manages sales and distribution. Roger and Paul are members of the 450-member San Diego Rotary Club, where Roger is Co-Chair of its International Service Committee.

Haines Pop Open Solar Cooker



Insert tabs into slots. Pot must be **BLACK** on outside.

