



WAPI

WATER PASTEURIZATION INDICATOR

The WAPI can be used for pasteurizing over most fuel sources including wood, charcoal, gas and solar cookers.



Did you know that every day approximately 6000 children under 5 die from water borne illnesses? One child every 14 seconds... over 2 million each year. In fact, water-related diseases are responsible for 80% of all illnesses and deaths in the developing world. Worldwide, about 1.3 billion people do not have access to safe drinking water, including nearly half of the population of sub-Sahara Africa.

THE WAPI



WHAT IS A WAPI?

(Water Pasteurization Temperature Indicator)? A WAPI is a simple low-cost device containing a special soy wax that, when melted, allows users to determine when water, milk and other liquids have reached pasteurization temperatures. And...the WAPI is reusable and virtually indestructible. Disease-causing organisms in water, milk and other liquids are killed by exposure to heat in a process known as pasteurization. The WAPI pasteurization is accomplished in less time and with much less scarce fuel than boiling. What does this mean? In many parts of the world women and children spend hours traveling great distances in unsafe territory to scavenge for scraps of wood and brush for the daily fire. To boil liquid requires 212 degrees F. The WAPI stretches the use of the fuel because Pasteurization takes place when the liquid is heated to 149 degrees F (65 degrees C) for a short period of time rendering it free from microbes, including E Coli, Rotaviruses; Giardia and Hepatitis A virus. The WAPI indicates that liquid has reached 160 degrees F rendering the liquid pasteurized and safe for drinking.



YOU CAN HELP!

Donations: 100% of your donations are spent to acquire the supplies required to build the WAPIs. Checks to: Monterey Peninsula Sunrise Rotary Club. Send to PDG Don Kremer, 615 17th Street, Pacific Grove, CA 93950.

WAPI KITS ARE HERE!

Interested in making WAPIs?

The Monterey Peninsula Sunrise Rotary Club has WAPI Kits available. The WAPI Kit comes in a small box with assembly instructions and the materials needed to build 200 WAPIs. The cost of the kit is \$85 plus shipping. That's \$.42 per WAPI. Why is this cost so reasonable? The club purchases the supplies in large quantities at substantial discounts which are passed on to you. This is a great hands-on project for Interact, Rotoact, Rotary Clubs and other organizations. The WAPI is simple and fun to build. Your club should have a WAPI party and save lives! To order WAPI Kits contact PDG Don Kremer at WAPI@pacbell.net.

Distribution: If your Rotary club or organization has international projects in third world countries and people are drinking unclean water, then the WAPI is an important life-saving tool. If your organization has not identified a project, make WAPIs anyway. We will assist you in finding a project.



WAPI is a World Service Project from the Rotary Clubs of District 5230 We have distributed about 21300 units to date..... they have gone to Uganda, Zimbabwe, Ghana, Mexico, Honduras, Armenia, Turkey, Sudan, Kenya, Tanzania, South Africa, Nepal, Mexico, Panama, Christmas Islands, Rwanda, Iraq, New Guinea, Ivory Coast, and Senegal, thus far.



REMEMBER: WAPIs are saving lives as you read this brochure. Need more information? Contact: PDG Don Kremer District 5230 at WAPI@pacbell.net Access <http://www.integratedsolarcooking.com/makewapis> for more information.