

Frequently Asked Questions about AquaPak

In which countries will the AquaPak work? The AquaPak will work all year long in Tropical countries with rural populations that have access to fresh water, are within 25° of the equator and have a sunny climate.

How exactly does the AquaPak work? The AquaPak converts sunlight into thermal energy, bringing the water temperature high enough (65°C) to denature or kills the biological pathogens (viruses, bacteria, protozoa) therein.

What if the sky is hazy or even cloudy? The AquaPak works most efficiently when utilized as close to solar noon as possible when the sun is highest in the sky. If conditions are hazy, pasteurization will take more than three hours. Pasteurization will not work on completely cloudy/rainy days.

What if the water doesn't reach pasteurization temperature but clean water is needed? The AquaPak comes with AquaTab chlorine tablets to kill pathogens on rainy/cloudy days.

What if I want COLD drinking water? Users can store the pasteurized water over night when temperatures drop. The water naturally cools. Families can set up very simple systems for utilizing both cool and warm water to meet their needs.

What else can the AquaPak provide? At 65°C, the water pasteurized in the AquaPak can be used to brew green tea and other hot beverages. Families can use the pre-heated, safe water for all kinds of cooking needs. Finally, many use the warmed water for bathing babies, children and themselves.

What are the Storage and Transportation Options? The AquaPak provides its own safe storage where water can stay until it is needed. It can be carried by its handle, tied to backpacks or carried on a pole for easy transportation.