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Energy Label FAQs

What hot tubs ARE required to have an Energy Label?

Requirements apply to factory-built residential portable electric spas and residential exercise spas (also known as swim spas) and portions of combination spas/swim spas. This applies to spas sold in the United States only.

What hot tubs ARE NOT required to have an Energy Label?

Requirements do not apply to public spas, permanently installed or in-ground spas or other spas such as those operated for medical treatment, physical therapy or other purposes.

Does the Energy Label need to appear on spas displayed on the showroom floor?

Yes, the label must remain on the spa and it should only be removed by the consumer after purchase.

Where will the Energy Label be placed on the spa?

It must be visible either on the shell or front skirt/cabinet of the spa. Labels will be placed in various locations on the spa depending on available space and adhesive concerns.

What is the intent of the Energy Label?

The Energy Label is intended to provide consumers with energy consumption information prior to purchasing a hot tub.

If a spa has an Energy Label, is it approved by the APSP or CEC?

If a spa has an Energy Label, it does NOT mean that it is certified, tested or endorsed by the APSP or CEC. Manufacturers will self-certify that they are in compliance with the standard, it is up to each state to enforce the standard.

How is the information on the Energy Label different than the information provided by the Hot Spring Energy Calculator or estimates found in the brochure?

The Hot Spring energy calculator provides a **real-world energy estimate** of a hot tub that is being used regularly by its owner. While the information on the Energy Label is based on energy consumption when the spa is **not in use (standby mode)**. The definition of standby mode in this case is: 63°F ambient temperature, with the cover on and the jets off.

	Hot Spring Energy Calculator	APSP/CEC Energy Label
Testing Time	6 days of use (per Spa Use below) and 1 day of standby mode	72 hours
Spa Use	15 minutes jets on 15 minutes jets off	standby mode = 63°F ambient temperature, cover on, jets off
Set Spa Temperature	102°F	100°F
Ambient Temperature	varied based on geographical location	63°F

What is the name of the standard that now includes the Energy Label?

ANSI/APSP/ICC-14 2014

What is the purpose of the new standard?

To provide an industry-wide standard for measuring the energy consumption of a portable electric spa in **standby mode** using a repeatable and reproducible test procedure. Meant to establish minimum energy efficiency requirements for portable electric spas and swim spas.

When will the Energy Label be required for all portable spa manufacturers?

The label will not be a Federal mandate, but will be adopted on a state-by-state basis. Although no states have adopted the new label requirement at this time, many are reviewing it and may mandate usage as soon as this year. California could require this standard as early as January 2018. If a state does not require the label, they do not have to show it.

What guidelines does the standard provide?

Provides recommended minimum guidelines for testing the energy efficiency of factory-built residential portable electric spas and also defines an evaluation procedure to qualify a test facility for the sole purpose of testing to the requirements of the standard.

Who determined the guidelines and test protocol for the Energy Label?

Based on a collaborative effort between spa manufacturers, APSP and the CEC.

Energy Label - Testing Protocol Information

How long is the testing time for each hot tub?

Testing time is a minimum of 72 hours.

How is the fill-line determined for testing?

Spas will be filled to 6 inches below the bartop of the spa.

At what temperature are the hot tubs during testing?

Water temperature of the spa or spa portion of a combination swim spa will be a minimum of 100°F for the duration of the test. Water temperature of the swim spa or swim portion of a combination swim spa will be a minimum of 85°F for the duration of the test. Spas cannot fall below these minimum temperatures anytime during the test.

What is the ambient temperature during testing?

Ambient air temperature will be a maximum of 63°F for the duration of the test.

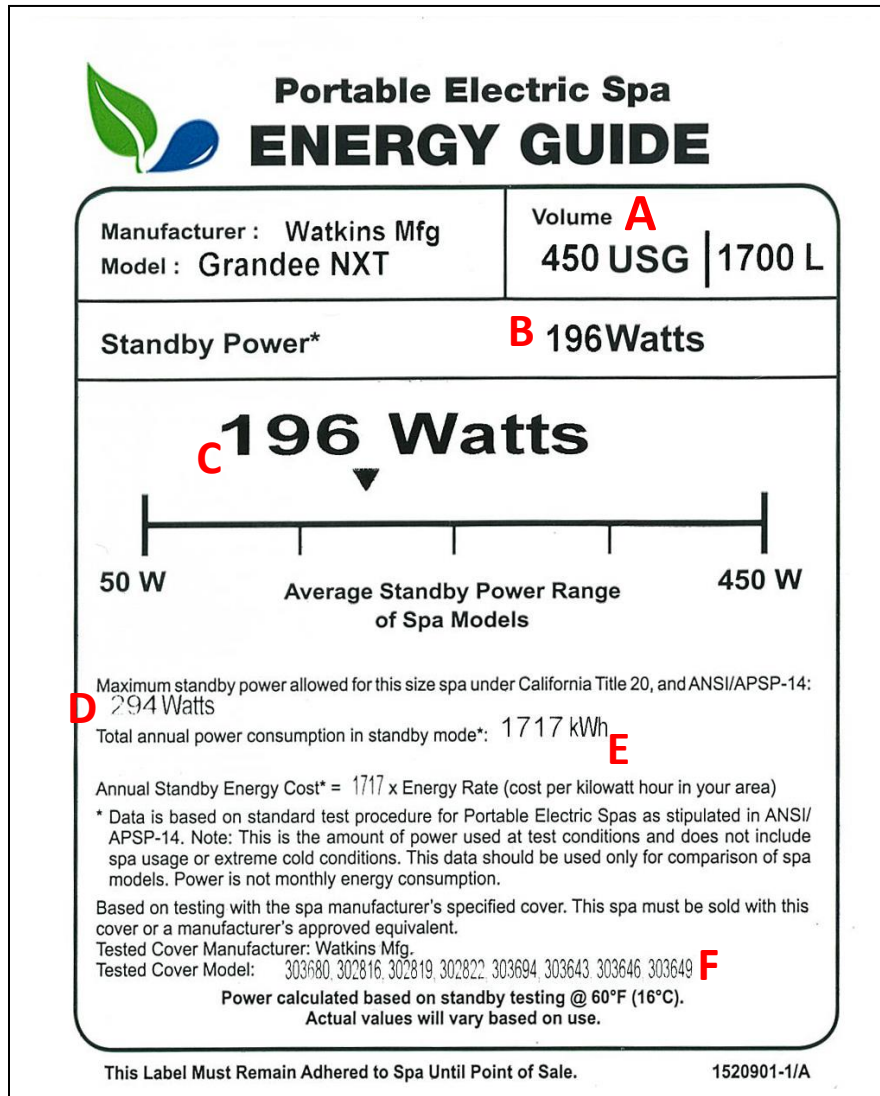
What cover was used for testing?

The manufacturer's specified cover will be used.

What is the status of the hot tub during testing?

Unit remains covered and in default operation mode (standby mode) during the test.

Energy Label KEY



- A** Spa volume in gallons and liters
- B** Watts needed when operating in standby mode
- C** Standby Power watts on chart continuum
- D** Maximum watts allowed, per the standard, based on the volume of the spa (as shown in section A)
- E** Total annual power consumption in standby mode (standby power watts x 24 x 365 / 1000)
- F** Cover part numbers for specific spa model