

DOCKETED	
Docket Number:	20-AAER-04
Project Title:	Appliance Efficiency Standards Regulations for Portable Electric Spas
TN #:	238568
Document Title:	Public Hearing Presentation for Portable Electric Spas Proposed Amendments
Description:	Presentation slides of the public hearing held on June 29, 2021.
Filer:	Jessica Lopez
Organization:	California Energy Commission
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Proposed Amendments for Portable Electric Spas

Public Hearing
June 29, 2021

Jessica Lopez
Appliances Office
Efficiency Division



Housekeeping Rules

- Mute all lines
- Comments taken at end of presentation
- Type questions in Q&A
- “Raise Hand” to comment / speak
 1. Online: Click “Raise Hand” in webinar controls, host will unmute you, after speaking mute yourself
 2. Cell phone: Dial *9 to “Raise hand,” host will give you the ability to speak, then dial *6 to mute and unmute
- State your name and affiliation before speaking



Participation

- Public Hearing pursuant to the California Administrative Procedures Act, Government Code §11346.8
- Hearing online due to COVID-19 public health order
- Purpose is to collect oral comments
- Hearing is being recorded by a court reporter
- All statements today become part of public record



Rulemaking History

Date	Detail
August 19, 2020	Adopted Order Instituting Rulemaking
May 14, 2021	Released initial rulemaking documents
June 28, 2021	Closed 45-day comment period
June 29, 2021	Held public hearing
July 15, 2021	Proposed adoption of new regulations

Copies of rulemaking documents available at Docket 20-AAER-04



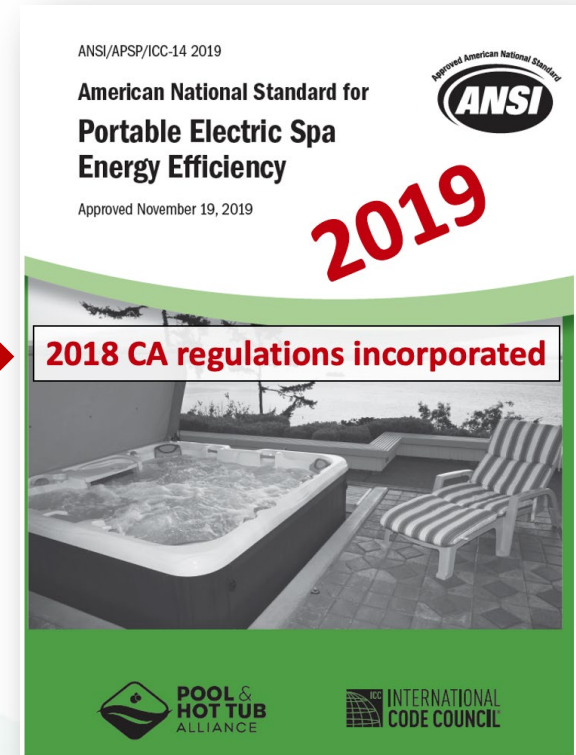
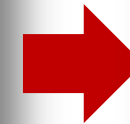
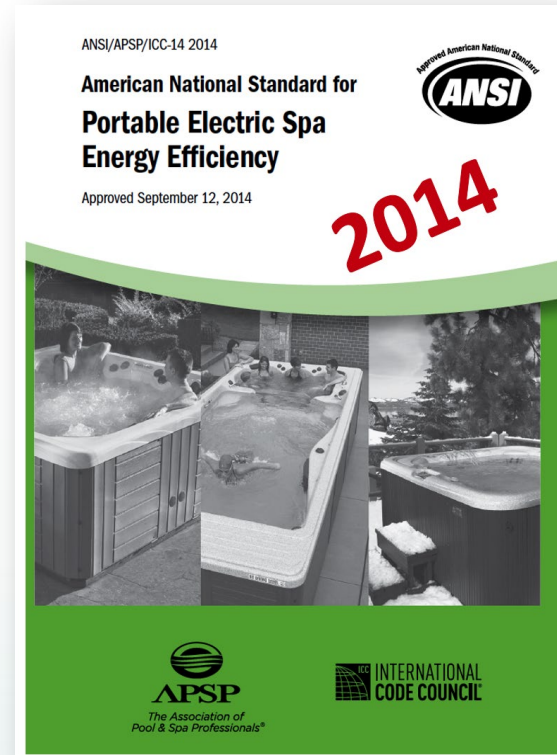
Proposed Amendments





Background

- In 2018, CEC adopted portable electric spas standards
 - **Expanded scope**
 - **More stringent standards**
 - Test procedure references **APSP-14 version 2014 with modifications** to accommodate expanded scope
 - California specific label to **standardize labeling**
- In 2019, industry updated APSP-14 and incorporated 2018 CEC regulations for portable electric spas





Purpose of Rulemaking

- Amend portable electric spa regulations by updating:
 - test procedure reference
 - test lab qualification requirements
 - labeling design requirements
- Simplify structure of existing regulations
- No changes proposed to spa performance standards



Proposed Updates

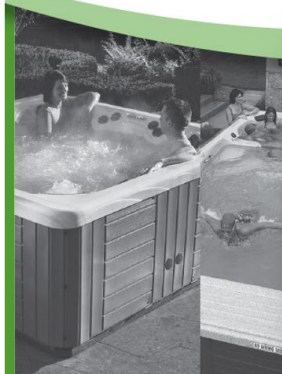
ANSI/APSP/ICC-14 2014

American National Standard for
**Portable Electric Spa
Energy Efficiency**

Approved September 12, 2014



2014



Portable Electric Spa
California ENERGY GUIDE

Manufacturer: xxx Model: xxx Capacity (# of people): xx	Rated Volume 300 US Gal
Standby Power* 192 Watts	

192 Watts

50 W 450 W

Average Standby Power Range of Spa Models

Maximum standby power allowed for this size spa under California Code of Regulations (CCR) Title 20, section 1605.3(g)(9)(B) and ANSI/APSP/ICC-14 2014: 208 Watts
Total annual power consumption in standby mode* = 192 x Duty Cycle = 1,682 kWh
Annual Standby Energy Cost* = 1682 x Energy Rate (cost per kilowatt hour in your area)
*Data is based on standard test procedure for Portable Electric Spas as stipulated in CCR Title 20, section 1604(g)(2)(B) and ANSI/APSP/ICC-14 2014.
Note: This is the amount of power used at test conditions and does not include spa usage or extreme cold conditions. This data should be used only for comparison of spa models. Power is not monthly energy consumption. Duty cycle is estimated to be 8,760 hours per year.
Based on testing with the spa manufacturer's specified cover checked below, the spa cover-unit combination that yielded the highest normalized standby power. This spa must be sold with this cover or a manufacturer's approved equivalent that has also been tested with the unit per CCR Title 20, section 1608(a). To view the energy performance of the other covers specified below in combination with this unit, visit the California Energy Commission's Modern Appliance Efficiency Database System (MAEDbS).
Tested Cover Manufacturer(s): Manufacturer A Manufacturer B
Tested Cover Model(s): Cover 1 Cover 2 Cover 3 Cover 4
Power calculated based on standby mode testing. Actual values will vary based on use.

This Label Must Remain Adhered to Spa until Time of Sale to Consumer
Printed on Month Day, Year



ANSI/APSP/ICC-14 2019

American National Standard for
**Portable Electric Spa
Energy Efficiency**

Approved November 19, 2019



2019

18 CA regulations incorporated



Portable Electric Spa
ENERGY GUIDE

Manufacturer : xxx Model : xxx Capacity (# of people) : xx	Rated Volume 300 US Gal
Standby Power* 192 Watts	

192 Watts

50 W 450 W

Average Standby Power Range of Spa Models

Maximum standby power allowed for this size spa under ANSI/APSP/ICC-14: 208 Watts
Total annual power consumption in standby mode* = 192 x Duty Cycle = 1682 kWh
Annual Standby Energy Cost* = 1682 x Energy Rate (cost per kilowatt hour in your area)
* Data is based on standard test procedure for Portable Electric Spas as stipulated in ANSI/APSP/ICC-14.
Note: This is the amount of power used at test conditions and does not include spa usage or extreme cold conditions. This data should be used only for comparison of spa models. Power is not monthly energy consumption. Duty cycle is estimated to be 8,760 hours per year.
Based on testing with the spa manufacturer's specified cover checked below, the spa cover unit combination that yielded the highest normalized standby power. This spa must be sold with this cover or a manufacturer's approved equivalent that has also been tested with the unit.
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Tested Cover Model(s): Cover 1 Cover 2 Cover 3 Cover 4
Power calculated based on standby mode testing. Actual values will vary based on use.

This Label Must Remain Adhered to Spa Until Time of Sale to Consumer
Printed on Month Day, Year

Modified APSP-14 v. 2014

APSP-14 v. 2019



Thank You

Jessica Lopez

Project Lead

Jessica.Lopez@energy.ca.gov

Corrine Fishman

Regulations Manager

Corrine.Fishman@energy.ca.gov