



# FACT SHEET

## Guidance on Public Displays of Hot Tubs at a Temporary Event

Brought to you by the International Hot Tub Association

To ensure that hot tubs on public display are operated safely and to prevent an outbreak of Legionnaire's disease, the Pool and Hot Tub Alliance recommends that owners and operators take the following precautions.

1. At events where a hot tub or swim spa is on display to the public, the equipment vendor, display manager, or operator should:
  - a. Be familiar with the basic maintenance of water chemistry for hot tubs.
  - b. Ensure trained staff are available at the display during all operational hours.
  - c. Maintain free chlorine (3–10 parts per million or ppm) or bromine (4–8 ppm) levels continuously. When filling the spa (initial fill or adding water), these levels should be established at least 4 hours prior to it being accessible to the public.
  - d. Maintain the pH level of the water at 7.0–7.8.
  - e. Test pH and disinfectant levels at least every 4 hours, or twice per day (whichever is more frequent).
  - f. Maintain accurate records of disinfectant and pH measurements and maintenance activities.
2. At the end of each event, hot tub vendors should (in accordance with manufacturer recommendations, where provided):
  - a. Clean the hot tub.
  - b. Apply a biocidal shock treatment.
  - c. Drain it, removing as much water from the system as possible.
  - d. Remove filters.
  - e. Leave filters to dry.
  - f. Clean filters before reuse.
  - g. Replace filters or filter media when recommended by the manufacturer.
  - h. Protect the hot tub from external water sources (for example, condensation drip, rain, humidity, moisture).
  - i. Keep the hot tub as dry as possible between events.

Records should include:

- i. Date and time
- ii. pH level
- iii. Sanitizer level
- iv. Adjustment made (if any). Example: Added chlorine, added PH up, etc.

[\(Downloadable Template\)](#)

This guidance was developed based upon information from the Centers for Disease Control and Prevention (CDC). Additional information on Legionella and best practices to prevent outbreaks linked to hot tubs is available from the [CDC](#), [PHTA](#) and the [IHTA](#).



Questions? [PHTA.org](http://PHTA.org) | 703.838.0083