

Legionnaires' Disease Prevention

Chauvet has confirmed that there have been no reported cases of Legionnaires' disease linked to Cloud 9 or any other Chauvet smoke machines. However, given the evolving demands of live shows, we have made a thorough assessment of potential risks to ensure a safe working environment when using these smoke machines.

Working with Chauvet and receiving additional advice from HSE, we have outlined the following measures to help minimize the risk of contracting Legionnaires' disease from Cloud 9 smoke machines:

- **Drain After Use:** Always drain the unit before returning it to the shop.
- **Store Drained:** If the unit is stored for a period of time, ensure that it is stored in a drained condition.
- **Proper Maintenance:** The best way to prevent potential Legionnaires' disease is through consistent and proper maintenance. Follow the Christie Lites set of guidelines for a comprehensive guide to proper maintenance.
- **Regular Water Changes:** To minimize risks, regular water changes are essential. Legionnaires' disease can only be contracted through Cloud9 use if water is left stagnant, as stagnant water will allow bacteria to grow.
- **Water Change Schedule:** Chauvet advises setting a regular schedule for draining and refilling the water. Chauvet specifically recommend changing the water weekly, rather than simply topping it up. Always empty the unit and refill it with fresh distilled water per change.
- **Use of Distilled Water:** Chauvet recommends using distilled water for both operation and general maintenance.
- **Legionella Testing Kits:** If additional precautionary measures are required, it is possible to purchase single-use swab kits that detect *Legionella pneumophila sg1* in water. These kits are available here: [Link](#).