

Hospital Use

7900 Bubble Humidifier Technical Bulletin

7900 High Flow Bubble Humidifier - 3 PSI Safety Pop-off - 6 LPM to 15 LPM

The 7900 High Flow Bubble Humidifiers are disposable, single-patient use devices for use in health care facilities and home care. The Bubble Humidifier provides additional humidity to supplemental oxygen therapy. The humidity output is > 10 mg H₂O/L. The Bubble Humidifiers have a safety pop-off valve, which sounds and releases excess pressure if the oxygen tubing is kinked or blocked.

Note: Using flow rates outside the recommended range of 6 LPM to 15 LPM may affect the function of the safety pop-off.

Product Use

1. Wash your hands and remove the Bubble Humidifier from packaging.
2. Unscrew the lid and add sterile or distilled water to the Maximum Level marking (290 ml) located on the side of the bottle.
3. Replace the lid. Ensure that the threads are properly aligned and that the lid is screwed on tight.
4. Attach the Bubble Humidifier to an oxygen source.
5. Test for leaks. Turn the flow to 6 LPM and block the oxygen outlet port on the Bubble Humidifier (A). A sound should emit within 5 seconds. If no sound is emitted, check the lid and other connections for leaks. Repeat the leak test.
6. Attach the oxygen supply tubing to the oxygen outlet port (B) and adjust oxygen flow to the prescribed setting.
7. Check for bubbles in the water. If there are no bubbles check for leaks. If the device sounds, check for tubing obstruction.
8. Apply a high flow nasal cannula or an oxygen mask to the patient.
9. If water level drops below the minimum level marking on the Bubble Humidifier add more water.
10. Empty and replace the water in Bubble Humidifier daily.
11. Replace the Bubble Humidifier every 14 days.
12. Do not sterilize or use the Bubble Humidifier on more than one patient.

WARNING

Leaks may partially or fully reduce oxygen being delivered to the patient.

