

5 Tips for Managing Breathing Circuits on the Newport HT70[®] Ventilator

- 1. Select the right disposable circuit:** When using disposable breathing circuits, Newport Medical recommends using the Newport pediatric or adult, disposable "J" circuit. Make sure that the circuit passes the Circuit Check before use. Never use the white topped or crystal clear topped exhalation valves found on some Airlife Circuits.
- 2. Position the Proximal Line Properly:**
 - When using a heated (water reservoir) humidifier, put a tee adapter on the dry side-inlet port of the humidifier and connect the patient end of the proximal pressure sensing line to that tee. Newport disposable "J" circuits have a prox line port built-in to the humidifier tubing for this purpose. If you are using the Newport HT70 reusable exhalation valve (EXH3203P), you will need to plug the proximal port on the valve when you do this.
 - When using an HME instead of a heated humidifier, especially in volume control with no PEEP, you may wish to connect the proximal pressure line between the patient and HME to improve the detection of a disconnect situation when the HME has increased resistance due to secretions.
- 3. Always do the quick and easy Circuit Check** when you install a new circuit/exhalation valve. It is essential as a leak check and a check for flaws in disposable breathing circuit components. Skipping the Circuit Check may result in irregular ventilator operation.
- 4. Never ventilate without a Proximal Inline Filter installed.**
- 5. Use the Newport reusable HT70[®] exhalation valve for single limb circuit applications only.** Never move it to the end of a "J" or two limb circuit.

Contact your Newport Representative for more details.