

WaterPAP™ Positive Airway Pressure Device



Westmed

5580 S. NOGALES HIGHWAY TUCSON, AZ 85706 USA
(800) 975-7987 www.westmedinc.com

Indications: WaterPAP is a positive end expiratory pressure setup for use with infant patients weighing <10 kg in hospital environments to increase end lung pressure above atmospheric in constant flow conditions.

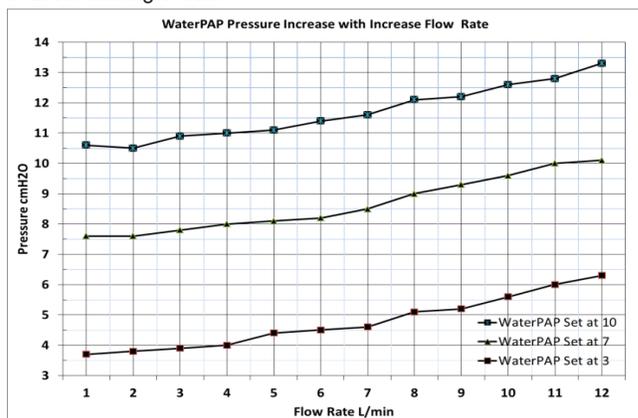
Contraindications: The WaterPAP device is contraindicated in individuals not requiring elevated lung pressure therapy.

Warnings: Positive Airway Pressure (PAP) may have an adverse effect on patient cardiopulmonary status. Increased pressures may be generated with water buildup in the tubing when humidified gas is used. WaterPAP is intended to be used by personnel qualified to manage instrumentation that provide respiratory assistance for infants.

Precautions: Use WaterPAP at flow rates from 4-12 L/min. Maintain the water level at 0 cm. Changes in flow rate and water level directly affect the delivered PAP. Verify the pressure with an inline pressure gauge.

This data was generated using a standard 10mm heated ventilator circuit. Results may vary depending on the type and length of the circuit being used.

The graph represents how increasing the flow rate can cause unintended increases in PAP pressures when using the WaterPAP device with a standard 10mm heated infant breathing circuit.



- Be advised that excessive pressure may be generated as a result of condensation of water when humidified gas is used.
- Follow the humidifier instructions with regard to condensation accumulation in the tubing and its affect on pressure.
- Clinical staff should check infant patient every 2-3 hours.
- WaterPAP is intended to be used by medical personnel qualified to manage instrumentation that provide respiratory assistance and or pulmonary ventilation for infants.
- WaterPAP is a single patient use device. Do not wash, sterilize or reuse.

Precautions: Use WaterPAP only at flow rates from 4-12 L/min. The water level may change over time and needs to be monitored to make sure the surface of the water is maintained at the 0 cm level. Evaporation or condensation of water may occur during operation of this device. Changes in water level directly affect the delivered PAP pressures. Always monitor water level and adjust as required. Use only sterile water or 0.25% acetic acid solution to fill the WaterPAP chamber.

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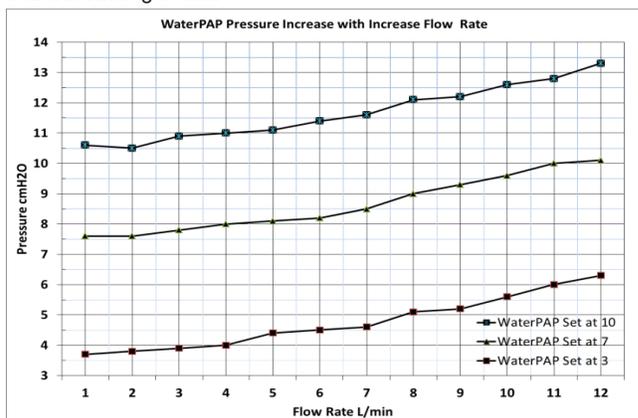
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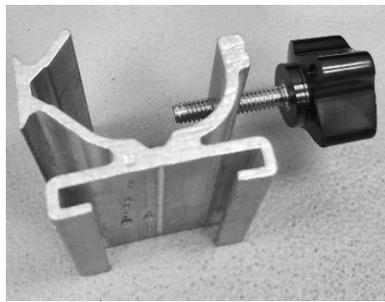
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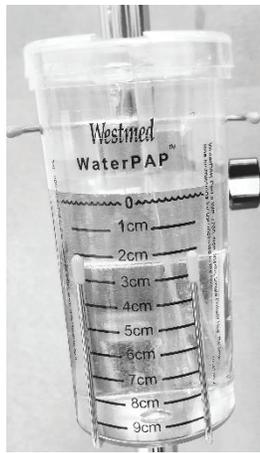
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Attach the Pole Clamp to the IV pole



Slide the stainless steel bracket into the pole clamp



Fill the canister with water to the 0 cm line



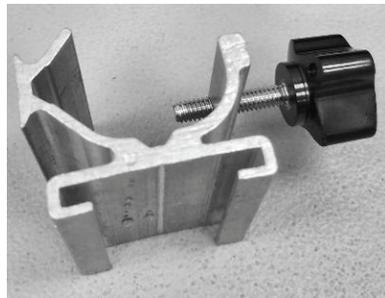
Attach the 10mm corrugated tube with air diffuser to the expiratory limb of the continuous flow breathing circuit. Insert the tube through the center hole to the desired depth with the flow rate on. Slide the tube sideways into the notch that secures the tube in position. The depth the tube is submerged in cm = positive airway pressure in cmH₂O. Verify the pressure with an inline pressure gauge and adjust the depth as needed. Apply the protective cover to the top of the canister.

Dispose of WaterPAP as per your institutional guidelines for medical waste, in accordance with local, state, and federal regulations.

Pressure Range:	0-9cmH ₂ O Positive Pressure
Flow Rate Range:	4-12 L/min
Pressure Accuracy:	+/- 1 cmH ₂ O
Storage Temperature:	12 - 140°F (-11 - 60°C)
Materials:	TENITE™ Propionate, CYROLITE™ polypropylene/ethylene-octene polymer

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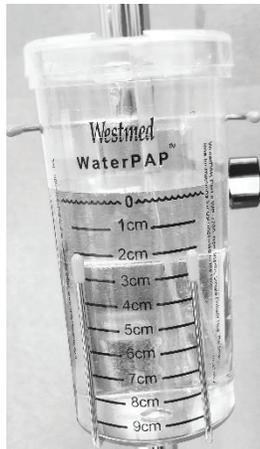
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 79713, Rev. 01 2021/06



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