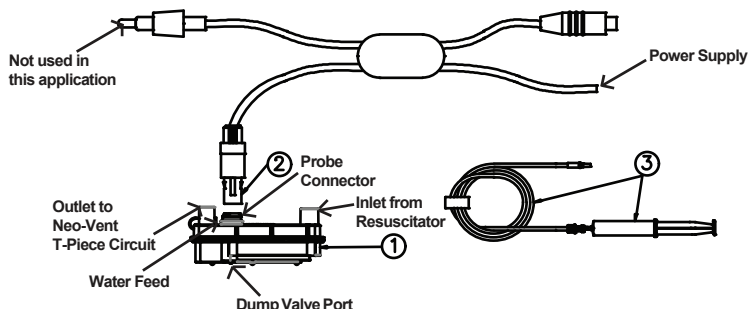
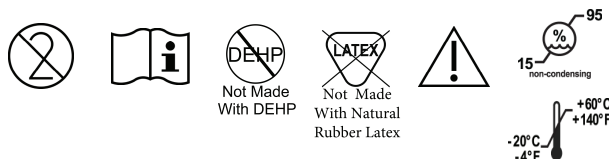


# REF 0422 Neo-Vent™ Heated Humidified Infant T-piece Resuscitation Kit

QTY:1

Rx Only

CE 0482



## APPLICATION:

The Neo-Vent T-piece Resuscitation Circuit provides consistent adjustable Peak Inspiratory Pressures (PIP) and Positive End Expiratory Pressure (PEEP) at a preset FIO2 for patients weighing less than 10kg. The LavaBed humidifier cartridge and circuit is intended to work in conjunction with a Neo-Pod “T” controller. It is designed to heat and humidify dry medical gases. Preferred method of operation is to warm LavaBed prior to need for resuscitation. It is not necessary to infuse water into the LavaBed until you are ready to resuscitate. LavaBed and Infant T-Piece Resuscitation Circuit are single patient use.

## PERFORMANCE

All LavaBed humidifier cartridges provide a compressible volume of 0.055 mL per cm H2O. LavaBed Cartridges can heat up to 10 liters per minute, continuous flow. Note: To deliver greater than 33 mg/L H2O A.H. (absolute humidity), temperature must be greater than 33° C.

## To Setup

1. Confirm Controller is in the “OFF” position.
2. Slide the LavaBed cartridge into its bracket.
3. Connect Gas Supply line from oxygen source to gas inlet port on Infant Resuscitator.
4. Attach provided circuit from gas outlet on Infant Resuscitator to inlet of LavaBed. Attach T-Piece circuit to outlet of LavaBed. Prior to patient connection: Check that all connections are secure. Connect Tethered Cap to the Patient port of the Infant T-Piece Circuit.
5. Start the gas flow. Adjust gas supply to desired flow rate between 5 and 10 LPM.
6. Turn controller to the “ON” position and adjust setting to the desired level.

## To Check Maximum Pressure

7. Occlude PEEP cap and turn PIP control fully clockwise.
8. Adjust maximum pressure control knob clockwise or counter clockwise to set desired maximum pressure.

## To Set PIP

9. While still occluding the PEEP cap, turn PIP control knob counter clockwise until the desired peak inspiratory pressure is set.

## To Set PEEP

10. Prior to removing Tethered Cap from Patient Port adjust PEEP cap to the desired PEEP level.
11. Slowly fill the cartridge with approximately 20 mL of sterile water. Recap the water inlet port or leave syringe and waterline attached.

## To Resuscitate

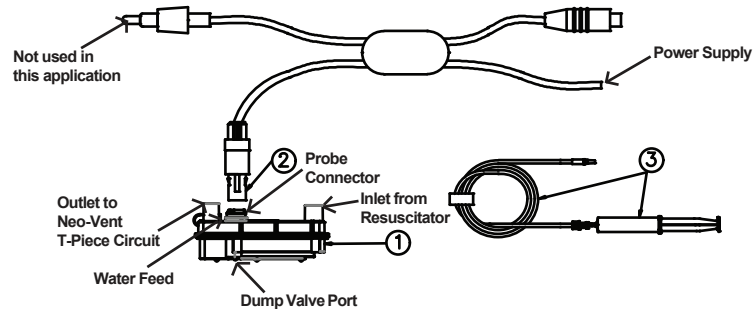
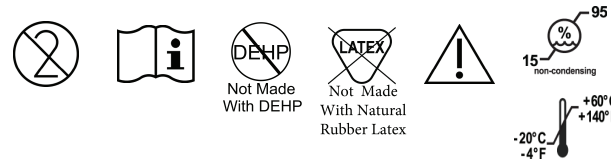
12. Fit Neo-Vent to neonatal resuscitation mask and place over baby's mouth and nose or fit patient T-piece to the endotracheal tube.
13. Resuscitate by placing and removing thumb/finger over the PEEP cap to allow inspiration and expiration. Observe chest wall movement with each breath.

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Cautions:

- 1. For Single Patient Use Only. This device is not intended for reprocessing. Risk of reprocessing may include microbial contamination or product degradation.
- 2. The LavaBed should not be inverted during use as this may cause the float valve to malfunction.
- 3. Do not use a water-feed set. Motion or conditions that are not level can cause the cartridges water level float valve to malfunction.
- 4. Replace after 72 hours or in accordance with hospital infectious control guidance.
- 5. Dispose of in accordance with hospital procedure for “material in contact with bodily fluid”.

Note: LavaBed Humidification Cartridge included with each circuit.

INDICATIONS

Single patient use adjustable positive end expiratory pressure (PEEP) valve for use in hospital, transport, emergency, and post-hospital care to elevate end lung pressure above atmospheric at the end of exhalation in constant and intermittent gas flow conditions. It is to be used with a Neopod “T” Transport Cartridge (LavaBed) device to deliver heated and humidified breathing gases to the patient. For use with infants (neonates) only.

WARNING

- Do not soak, rinse, wash, gas or steam sterilize this product.
- Long term use outside of a heated environment may cause condensation.
- Do no use at a flow rate greater than 10 LPM.
- Use only with recommended equipment.
- Read and understand the Infant Resuscitators instructions. The Neo-Vent Resuscitator T-Piece circuit is to be used only by persons trained in infant resuscitation. It is the responsibility of the purchaser to ensure that all users of this device have been adequately trained in resuscitation technique, and that the device performs effectively with the facilities resuscitator(s).
- The Neo-Vent Resuscitator T-piece Circuit should only be used after checking that correct pressures will be delivered to the baby.
- For connection to flow regulated oxygen or oxygen/air mixture only.
- Recommended operating gas flow range is 5 to 10 L/min. Do not attempt to use a higher flow rate than 10 L/min.
- US Federal law restricts this device to sale in the USA by or on the order of a physician.

PERFORMANCE SPECIFICATIONS	
Recommended Body Weight Range	Up to 10 kg (22 lb)
Manometer Range	-10 to 80 cmH2O [mbar]
Peak Inspiratory Pressure (PIP)	@ 5 L/min approx. 2 to 70 cmH2O [mbar]
	@ 8 L/min approx. 3 to 72 cmH2O [mbar]
	@ 10 L/min approx. 4 to 73 cmH2O [mbar]
	@ 15 L/min approx. 8 to 75 cmH2O [mbar]
Positive End Expiratory Pressure (PEEP)	@ 5 L/min approx. 1 to 5 cmH2O [mbar]
	@ 8 L/min approx. 1 to 9 cmH2O [mbar]
	@ 10 L/min approx. 2 to 15 cmH2O [mbar]
	@ 15 L/min approx. 4 to 25 cmH2O [mbar]
Gas Inlet Flow Range	5 L/min (min) to 15 L/min (max)
Operating Time (400 L cylinder)	@ 8 L/min 50 minutes
NOTE: All performance figures listed above are representative only. PEEP valves stated are based on typical clinical PIP settings. Higher PEEP values can be achieved if higher PIP values are set.	

Manufactured by:



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Tucson, Arizona 85706 85706 USA  
Telephone: 800-975-7987  
Fax: 520-294-6061  
www.westmedinc.com

EC	REP	MT Prodmedt Consulting GmbH Altenhofstrasse 80 66386 St. Ingbert, Germany
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