HUDSON RCI®

REF 780-22
(IPN913811)
QTY 1
LOT 00L0000000
2011-11-11

Pediatric
Ventilator Circuit
with Dual Water Traps

Rx ONLY

Do not use on multiple patients (Single Patient Use Only)

Contains DEHP

Not made with natural rubber latex.

WARNINGS:
- Be sure all connections are secure.
- Test and install the circuit in accordance with ventilator manufacturer's instructions before use.
- Verify that all unused ports are capped.
- Be sure that the temperature probe is properly placed. Placement of the probe near a radiant warmer or inside an isolette may cause erroneous temperature readings. For an accurate reading, verify that the probe is fully inserted into the air stream.
- If condensation collects within the breathing circuit, drain the circuit frequently to avoid water collection at the patient's airway.
- If ancillary equipment is placed in-line, use appropriate adaptors to ensure that all connections are secure.
- Do not stretch or "milk" the tubing.

COMPLIANCE AND FLOW RESISTANCE:
The compliance and flow characteristics of the breathing circuit and the humidifier affect the patient ventilatory settings.

Total Circuit Compliance:		**Flow resistance:**	**Inspiratory**	**Expiratory**
mL/cmH_2O @ 20 cmH_2O	1.51	cmH_2O @ 10 LPM	.010	.010
mL/cmH_2O @ 40 cmH_2O	1.72	cmH_2O @ 20 LPM	.013	.013

SPECIFICATIONS:
Overall circuit length: Approximately 60 inches (patient connection to machine). Water trap capacity is 70 mL. Product configuration and performance specifications subject to change without notice.

DIRECTIONS FOR USE:
NOTE: These directions are general guidelines intended for use by qualified medical personnel. Read all warnings and instructions prior to use of this product.

1. Connect the tubing ① from the ventilator to the inlet of the heated humidifier. Use adaptors (provided) as required to make these connections secure.
2. Clip the tubing hanger ② onto the large bore tubing where desired and attach the hanger to the ventilator support arm.
3. Attach the connector ③ of the inspiratory limb ④ to the outlet port of the humidifier.

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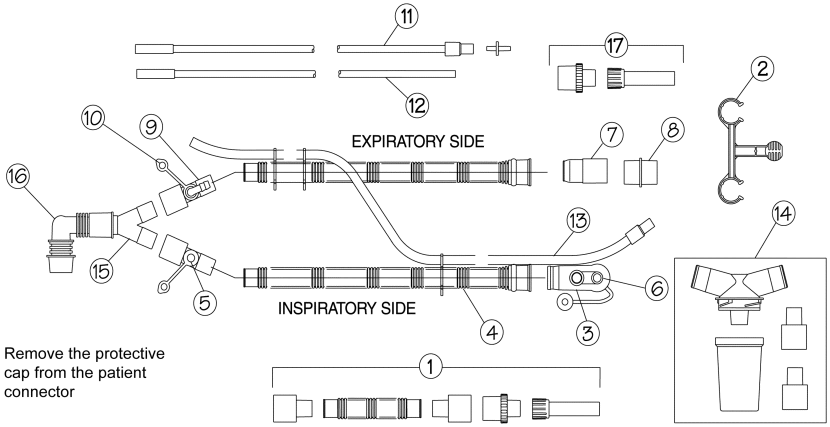

4. Place the patient proximal temperature probe into the temperature port ⑤ next to the patient wye ⑮. If dual temperature monitoring is required, connect the short temperature probe cable to the port ⑥ on the humidifier elbow. If temperature monitoring is not used, plug the port with the attached closure.
5. Connect the expiratory limb ⑦ to the ventilator's spirometer, expiratory flow sensor or expiratory port. Use adaptors ⑰ (provided) as required to make these connections secure. If necessary, attach the large tubing adaptor ⑧ to the end of the expiratory tubing before connecting the tubing to the ventilator. If the large tubing adaptor is not required, discard it.
6. Select the appropriately-sized proximal airway pressure line and connect it to the pressure monitoring port on the ventilator. Attach the other end of the pressure line to the pressure elbow ⑨ next to the patient wye. Three sizes of pressure tubing are included: 1/8 in. I.D. ⑪, 3/16 in. I.D. ⑫, and 1/4 in. I.D. ⑬. All have molded connectors to provide for variation in ventilator connection size. Verify that the pressure tubing chosen is in accordance with manufacturer's recommendations for the ventilator being used. If the molded connectors are not necessary, they may be cut off the tubing. If the proximal airway pressure lines are not used, cap the pressure elbow next to the wye with the attached closure ⑩ and remove the line from the circuit.
7. Both the inspiratory and expiratory corrugated tubing are provided with smooth sections or "cuffs" for inserting water traps ⑭. Cut the corrugated tubing at the desired location and insert the water trap lids with connectors attached (provided). Attach the water trap jar (also provided) to each lid with a quarter-turn clockwise.
8. Attach patient connector ⑯ securely to patient connection (endotracheal tube, etc.).
9. If water is not draining, tilt and/or tap the jar to break surface tension.
10. When the water trap jar is full, remove it with a quarter-turn counterclockwise and empty the accumulated moisture. The valve in the lid will seal the circuit while the jar is being emptied.

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