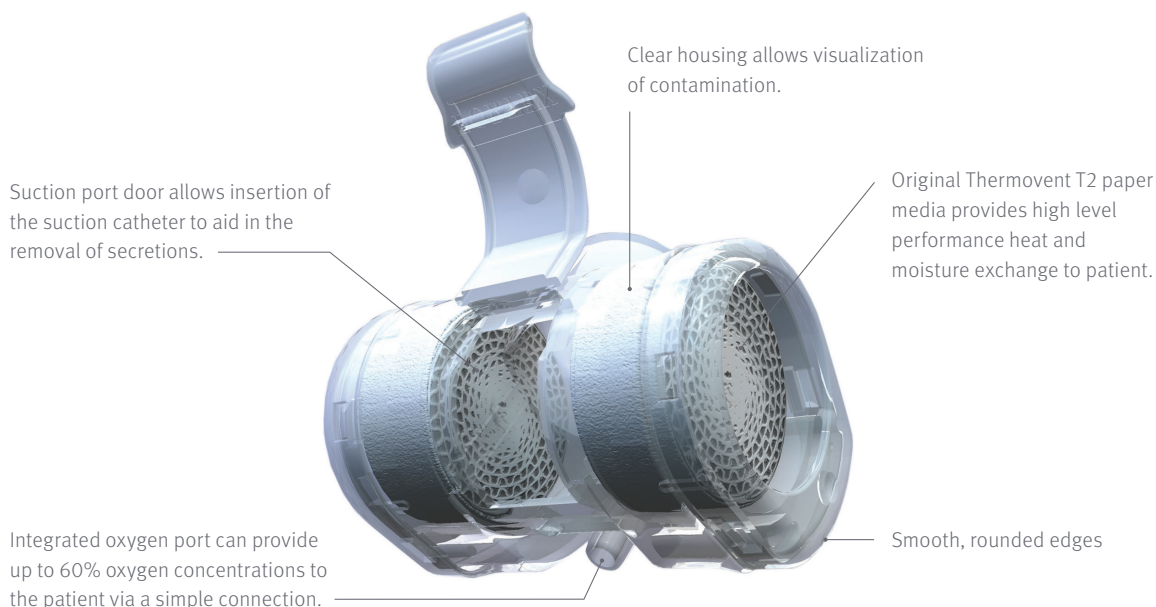


Portex™ Thermovent™ T2 Heat and Moisture Exchanger

Providing a clear choice



Thermovent T2 HME

- › Sterile, single use heat and moisture exchanger.
- › Provides effective humidification for spontaneously breathing patients whose upper airways are bypassed by a tracheostomy or tracheal tube.
- › Device can be used for up to 24 hours.
- › Port for administering supplemental oxygen and a port to allow removal of secretions by suction

Indications for use

- › For use on adult and pediatric patients with a tidal volume more than 70 mL.
- › Reduction of heat loss through the broncho pulmonary tree.
- › Helping to prevent thickened secretions and changes in lung function.
- › Supplying additional oxygen when required.
- › Facilitating the removal of secretions.
- › Preserving humidity and minimizing damage to tracheal epithelial cells.

Thermovent T2 HME Specifications

Oxygen Flow Rates/Inspired Oxygen Concentration

O ₂ L/min	1	2	3	4	5	6	7	8	9	10
O ₂ %	27	33	37	42	45	47	53	54	57	60

Moisture Output: 25 mg/l H₂O at 15 breath/min Tidal volume 500 mL

Resistance to Flow

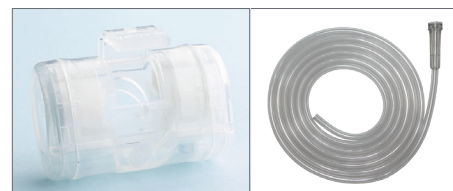
0.3 hPa (cm H ₂ O) at gas flow rate 0.5l sec ⁻¹ (30l min ⁻¹) [0.6cm H ₂ O l ⁻¹ sec ⁻¹]
0.7 hPa (cm H ₂ O) at gas flow rate 1.0l sec ⁻¹ (60l min ⁻¹) [0.7cm H ₂ O l ⁻¹ sec ⁻¹]
1.2 hPa (cm H ₂ O) at gas flow rate 1.5l sec ⁻¹ (90l min ⁻¹) [0.9cm H ₂ O l ⁻¹ sec ⁻¹]

Dead Space: 11 mL

Tidal Volume Range: 70-500 mL

Ordering Information

Product Code	Description
100/570/022	Thermovent T2 Heat and Moisture Exchanger
100/575/022	Thermovent T2 Oxygen Line Accessory

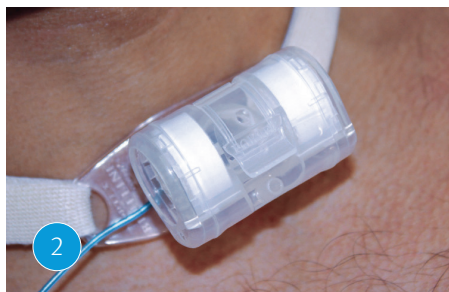


Thermovent T2 has inbuilt suction and oxygen ports. Flexible tubing for supply of oxygen to the HME.

Using the Thermovent T2 HME with a Tracheostomy Tube



Device should be orientated with the oxygen port on its underside when placed on the 15 mm connector of tracheostomy tube.



Suction port should remain closed when not in use.



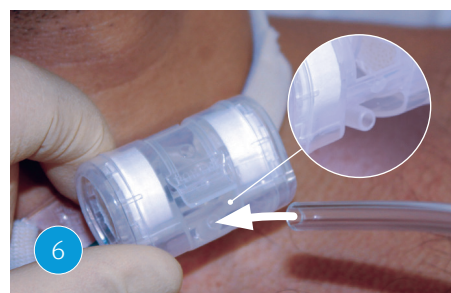
When suctioning is required, open suction port door to allow insertion of suction catheter.



Insert suction catheter and commence suctioning. Take care not to scrape secretions onto port door.



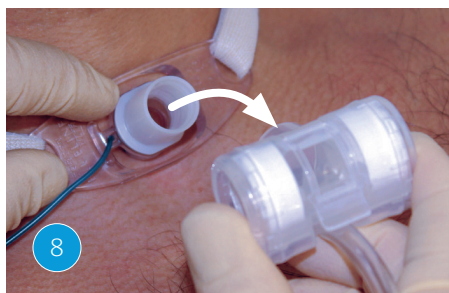
When suctioning is complete, remove suction catheter and close suction port door.



If supplementary oxygen is required, Thermovent T2 Oxygen Line Accessory can be connected to a suitable oxygen source.



Oxygen flow should be controlled according to patient's requirements.



Thermovent T2 device should be removed from tracheostomy tube prior to disconnecting oxygen line to avoid risk of decannulation.

