

Hydro-Therm™ HME range

A dedicated range of Heat and Moisture Exchangers designed to replicate the functions of the body's upper airway by conserving expired heat and moisture and returning them to the patient during inhalation. The Hydro-Therm is a small volume, lightweight device which is clinically suitable over a wide range of patient sizes.

[Make an enquiry](#)



Box Qty.	20	20
Luer lock port		✓
Moisture loss	7.8mg H ₂ O/L	7.8mg H ₂ O/L
Calculated moisture return	30.8mg H ₂ O/L	30.8mg H ₂ O/L
Resistance at 30L/min	0.5cm H ₂ O	0.5cm H ₂ O
Resistance at 60L/min	1.6cm H ₂ O	1.6cm H ₂ O
Compressible volume	20ml	20ml
Weight	11.8g	11.8g
Connectors	15M-22M/15F	15M-22M/15F
Minimum tidal volume	>60ml	>60ml

The Heat and Moisture Exchanging Filters (HMEFs)

The range of Heat and Moisture Exchanging Filters (HMEFs) combines the filtration efficiency of dedicated breathing filters with optimum moisture return provided by the addition of an HME element. Designed for use at the patient connection.

Clear-Therm™ range

[Make an enquiry](#)

Medium efficiency

Designed with a rounded ergonomic polypropylene housing, Clear-Therm represents our optimal combination of performance and cost-effectiveness.



Clear-Therm Mini

Clear-Therm Mini

Clear-Therm Micro

Clear-Therm Micro

Box Qty.	40	40	20	40
Luer lock port	✓	✓	✓	✓
Moisture loss	6.8mg H ₂ O/L	6.8mg H ₂ O/L	12.3mg H ₂ O/L	12.3mg H ₂ O/L
Calculated moisture return	31.7mg H ₂ O/L	31.7mg H ₂ O/L	26.8mg H ₂ O/L	26.8mg H ₂ O/L
Filtration efficiency	>99.99%	>99.99%	>99.99%	>99.99%
Resistance at 30L/min	1.5cm H ₂ O	2.0cm H ₂ O	N/A	N/A
Resistance at 10L/min	N/A	N/A	1.0cm H ₂ O	0.9cm H ₂ O
Compressible volume	26ml	26ml*	11ml	11ml*
Weight	22g	29g	11g	19g
Connectors	22F/15M-22M/15F	22F/15M-22M/15F	15M-15F	15M-22m/15F
Minimum tidal volume	>90ml	>90ml	>35ml	>35ml
Accessories		Fixed elbow** 1997000		Fixed elbow** 1997000