



ThermoShield™

HME Breathing Filters

The Flexicare ThermoShield™ consists of a **Heat & Moisture Exchange** medium together with an **electrostatic filter medium**. Heat and Moisture Exchange Filters (HMEFs) are used to **protect patients and ventilators from cross infection** and to **warm and humidify the inspired gases**.

Key Features

- Combines electrostatic filtration and HME media.
- Electrostatic filter media provides a high degree of efficiency.
- HME media provides high moisture output to each inspired breath.
- 22M/15F connectors complying with ISO 5356 providing universal connections.
- The design of the filter conical connectors provides unidirectional fitting of the filter and prevents errors in connection.
- Patient side clearly marked on device housing for correct fitting.
- Lightweight design of ThermoShield™ filters reduces drag on the breathing system.
- Rounded ergonomic shape with no sharp edges reduces the risk of pressure marking.
- Optional Luer port allows easy ET/CO₂ sampling.
- Available as Adult or Mini (for short term Adult use and/or Pediatric)

Adult / Adult Angled ThermoShield™ Filter

	038-41-350U	038-41-330U	038-41-355U	038-41-335U
Efficiency	99.999%	99.999%	99.999%	99.999%
Humidification	30.4mg/l air	30.4mg/l air	30.4 mg/l air	30.4mg/l air
Resistance 30L/min	1.71cmH ₂ O	1.7cm H ₂ O	1.71cmH ₂ O	1.7cm H ₂ O
Dead Space	46ml	52ml	46ml	52ml
Min VT*	138ml	156ml	138ml	156ml
Weight	38g	38g	38g	40g
CO ₂ Port	None	None	Tethered	Tethered

Mini ThermoShield™ Filter

	038-42-350U	038-42-355U
Efficiency	99.99%	99.99%
Humidification	30.3mg/l air	30.3mg/l air
Resistance 30L/min	2.02cmH ₂ O	2.02cmH ₂ O
Dead Space	25ml	25ml
Min VT*	75ml	75ml
Weight	25g	25g
CO ₂ Port	None	Tethered



Product Code

Description

Quantity

038-41-350U

Adult Bacterial / Viral Filter + HME

50

038-41-355U

Adult Bacterial / Viral Filter + HME (with tethered cap port)

50



038-41-330U

Adult Angled Bacterial / Viral Filter + HME

50

038-41-335U

Adult Angled Bacterial / Viral Filter + HME (with tethered cap port)

50



038-42-350U

Mini Bacterial / Viral Filter + HME

50

038-42-355U

Mini Bacterial / Viral Filter + HME (with tethered cap port)

50

ThermoShield Heat & Moisture Exchanger Filters are designed to be used in pre-hospital, hospital and homecare environments by trained personnel.