



GIBECK HUMID-VENT® FILTERS

Bacterial/Viral filter and HME in one

AT A GLANCE

- combined HME and bacterial/viral breathing filter
- filtration efficiency 99.9999%
- small and light-weight
- low dead space
- angled unit eliminates additional connectors
- ISO standard connectors
- available in small and paediatric versions
- latex- & PVC-free
- non-DEHP
- sterile or clean
- single use
- individually packed

SIMULTANEOUS HUMIDIFICATION AND FILTRATION

Teleflex's GIBECK Humid-Vent® Filters are high-performance heat and moisture exchangers (HMEs) that are coupled with hydrophobic bacterial/viral breathing filters. In addition to their bacteriostatic properties, a high level of protection is provided by a true hydrophobic filter.

Thanks to their compact design, lightweight Humid-Vent® Filters provide excellent heat and humidification output combined with very low dead space.

Available in Light, Compact, Small and Pedi versions, the Humid-Vent filter range is suitable for the most diverse applications in anaesthesia and the ICU.

HUMID-VENT® FILTER COMPACT

The Humid-Vent® Filter Compact is the third generation of combined HME / filter and is the ideal solution for use in the ICU and in anaesthesia applications.

HUMID-VENT® FILTER SMALL

The Humid-Vent® Filter Small is small, extremely lightweight and particularly versatile. It is ideal for use with larger children and adults undergoing anaesthesia. It offers adult performance in a child-sized format (dead space 27 ml) with a tidal volume of up to 1000 ml.

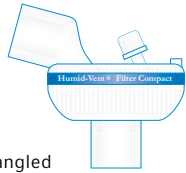
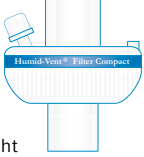
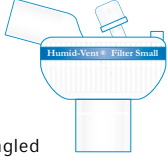
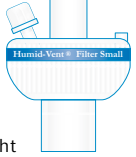
HUMID-VENT® FILTER PEDI



Developed for children receiving anaesthesia, or in the ICU, the Humid-Vent® Filter Pedi can be used for tidal volumes from 50 ml up to 250 ml.

HUMID-VENT HEAT AND MOISTURE EXCHANGER

Gibeck

Product information

	HUMID-VENT® FILTER COMPACT		HUMID-VENT® FILTER SMALL	
	 angled	 straight	 angled	 straight
REF.	18401 (sterile) 18402 (clean)	19401 (sterile) 19402 (clean)	18501 (sterile) 18502 (clean)	19501 (sterile) 19502 (clean)
DEAD SPACE	38 ml	35 ml	27 ml	26 ml
WEIGHT	32 g	31 g	22 g	21 g
CONNECTORS	22 M / 15 F - 15 M / 22 F		22 M / 15 F - 15 M	
MEDIUM	HME part: hygroscopic and bacteriostatic microwell paper Filter: hydrophobic depth filter made of polypropylene, electrostatically charged		HME part: hygroscopic and bacteriostatic microwell paper Filter: hydrophobic depth filter made of polypropylene, electrostatically charged	
TIDAL VOLUME	150 - 1000 ml		150 - 1000 ml	
RESISTANCE TO FLOW	at 60 l/min., 1.8 cm H ₂ O		at 60 l/min., 2.1 cm H ₂ O	
MOISTURE LOSS*	6 mg H ₂ O/l at V _T 500 ml 7 mg H ₂ O/l at V _T 750 ml 7 mg H ₂ O/l at V _T 1000 ml		6 mg H ₂ O/l at V _T 500 ml 7 mg H ₂ O/l at V _T 750 ml 8 mg H ₂ O/l at V _T 1000 ml	
MOISTURE OUTPUT	31 mg H ₂ O/l at V _T 600 ml 30 mg H ₂ O/l at V _T 800 ml 30 mg H ₂ O/l at V _T 1000 ml		31 mg H ₂ O/l at V _T 500 ml 30 mg H ₂ O/l at V _T 750 ml 29 mg H ₂ O/l at V _T 1000 ml	
BACTER. EFFICIENCY	> 99.99999%		> 99.99999%	
VIRAL EFFICIENCY	> 99.999%		> 99.999%	
MYCOBACTERIUM TUBERCULOSIS	> 99.999%			
QTY (BOX/CASE)	250 / 25		200 / 20	

	HUMID-VENT® FILTER PEDI	
	 angled	 straight
REF.	11011 (sterile) 11012 (clean)	12011 (sterile) 12012 (clean)
DEAD SPACE	13 ml	12 ml
WEIGHT	14.5 g	13.5 g
CONNECTORS	22 M / 15 F - 15 M	
MEDIUM	HME part: hygroscopic and bacteriostatic microwell paper Filter: hydrophobic depth filter made of polypropylene, electrostatically charged	
TIDAL VOLUME	50 - 250 ml	
RESISTANCE TO FLOW	at 20 l/min., 1.4 cm H ₂ O	
MOISTURE LOSS*	6 mg H ₂ O/l at V _T 250 ml	
MOISTURE OUTPUT	33 mg H ₂ O/l at V _T 50 ml 30 mg H ₂ O/l at V _T 100 ml 30 mg H ₂ O/l at V _T 250 ml	
BACTER. EFFICIENCY	> 99.99999%	
VIRAL EFFICIENCY	> 99.99%	
QTY (BOX/CASE)	200 / 20	

DISTRIBUTED BY:

TELEFLEX MEDICAL HEADQUARTER EMEA, IRELAND · IDA Business & Technology Park · Athlone · Co Westmeath

Tel. +353 (0)9 06 46 08 00 · Fax +353 (0)14 37 07 73 · orders.intl@teleflex.com

UNITED KINGDOM Tel. +44 (0)14 94 53 27 61 · info.uk@teleflex.com

WWW.TELEFLEX.COM

94 03 70-00 00 01 · REV A · 06 12 01 · All data current at time of printing. Subject to technical changes without further notice.

teleflex



GIBECK HUMID-VENT® Heat & Moisture Exchangers

AT A GLANCE

- high humidification performance combined with low resistance to flow
- small and lightweight
- for lower tidal volumes
- broad variety of HMEs
- small and paediatric versions
- latex- & PVC-free
- non-DEHP
- sterile (Micro) / sterile or clean (Mini, Humid Vent 1)
- single use
- individually packed

A WIDE RANGE OF PERFORMANCE CAPABILITIES FOR ANAESTHESIA, THE ICU AND EMERGENCY CARE

Teleflex's GIBECK brand HMEs feature a specific hygroscopic, bacteriostatic microwell paper that combines high humidification performance with very low resistance to flow.

A large variety of different products means the patient can be provided with the size, tidal volume and level of humidification that is best suited to him. The Humid-Vent HME range comprises a standard (Humid Vent 1), a Mini and a Micro version.

HUMID-VENT® 1

The original Humid-Vent® 1 has been used in hospitals worldwide for over 25 years. The Humid-Vent® 1 is straight and available with or without a CO₂ port. Its use is recommended for adults and children receiving anaesthesia, as well as for children in the ICU.

HUMID-VENT® MINI

Designed for neonates and babies, the Humid-Vent® Mini has a dead space of only 2.4 ml and can be used when tidal volumes of 15-50 ml are required.




HUMID-VENT® MICRO+

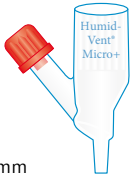

The unique Humid-Vent® Micro+ has been especially designed for neonates. It replaces the ET-tube connector for sizes 3.0 mm and 3.5 mm. The combination of HME and tube connector reduces the dead space to only 2.7 ml. The port allows easy access for suctioning, instillation of surfactants and CO₂ sampling.

HUMID-VENT HEAT AND MOISTURE EXCHANGER

Gibeck

Product information

	HUMID-VENT® 1		HUMID-VENT® MINI
			
	straight	CO ₂ port	
REF.	11111 (sterile) 11112 (clean)	11132 (clean)	10011 (sterile) 10012 (clean)
DEAD SPACE	10 ml	14 ml	2.4 ml
WEIGHT	9.4 g	11.6 g	4.5 g
CONNECTORS	22 M / 15 F - 15M CO ₂ connectors ISO 594-1/594-2		22 M / 15 F - 15M
MEDIUM	hygroscopic and bacteriostatic microwell paper		hygroscopic and bacteriostatic microwell paper
TIDAL VOLUME	50 - 600 ml		15 - 50 ml
RESISTANCE TO FLOW	at 20 l/min., 0.3 cm H ₂ O at 40 l/min., 0.7 cm H ₂ O		at 5 l/min., 0.6 cm H ₂ O
MOISTURE OUTPUT	29 mg H ₂ O/l at V _T 300 ml 24 mg H ₂ O/l at V _T 600 ml		30 mg H ₂ O/l at V _T 20 ml
QTY (BOX/CASE)	500 / 50	250 / 25	300 / 30

	HUMID-VENT® MICRO+	
		
	3.5 mm	3.0 mm
REF.	10131 (sterile)	10121 (sterile)
DEAD SPACE	2.7 ml	
WEIGHT	4.3 g	
CONNECTORS	3.5/15 mm (red) 3.0/15 mm (blue)	
MEDIUM	hygroscopic and bacteriostatic microwell paper	
TIDAL VOLUME	10 - 50 ml	
RESISTANCE TO FLOW	3.5 mm: at 5 l/min, 1.1 cm H ₂ O 3.0 mm: at 5 l/min, 1.8 cm H ₂ O	
MOISTURE OUTPUT	32.5 mg H ₂ O/l at V _T 10 ml 32.0 mg H ₂ O/l at V _T 20 ml	
QTY (BOX/CASE)	100 / 10	

DISTRIBUTED BY:

TELEFLEX MEDICAL HEADQUARTER EMEA, IRELAND · IDA Business & Technology Park · Athlone · Co Westmeath

Tel. +353 (0)9 06 46 08 00 · Fax +353 (0)14 37 07 73 · orders.intl@teleflex.com

UNITED KINGDOM Tel. +44 (0)14 94 53 27 61 · info.uk@teleflex.com

WWW.TELEFLEX.COM

94 03 71-00 00 01 · REV A · 06 12 01 · All data current at time of printing. Subject to technical changes without further notice.

teleflex