

# HUMID-VENT®

HUMID-VENT® hygroscopic, bacteriostatic, microwell paper media provides optimal moisture output with low-flow resistance. Offered in configurations to meet all patient size, tidal volume, and humidification needs

## HUMID-VENT® Mini

- Designed specifically for neonatal patients.
- Standard 15mm ID x 15mm OD connector
  - Provides over 30 mgH<sub>2</sub>O/l @ Vt 20ml
  - Only 2.4mls of added dead space
  - Only available sterile

## HUMID-VENT® I

- With over 25 years of proven clinical experience, the HUMID-VENT® I is the original, single-use, in-line HME.
- Recommended for tidal volumes between 50ml and 600ml
  - Offers low resistance to flow
  - Available in two configurations, with and without CO<sub>2</sub> port
  - Individually packaged, case quantities listed below

## HUMID-VENT® 2

- The HUMID-VENT® 2 is designed in both angled and straight versions for use in intensive care and anaesthesia applications.
- Recommended for tidal volumes between 150ml and 1500ml
  - Transparent housing provides excellent visibility
  - Very low resistance to flow
  - HUMID-VENT® 2S Flex configurations include permanently attached 15mm ID SMOOTH-FLO® tube with rigid patient connector
  - HUDG17731 is provided sterile for head and neck surgery
  - Individually packaged, case quantities listed below



### Combined HUMID-VENT® HME / Filters configurations

Cat No	Description	TV Range (ml)	Moisture Output (mgH <sub>2</sub> O/l)	Weight (grams)	Resistance (cmH <sub>2</sub> O)	Dead Space (ml)	Case Qty
HUDG10011	HUMID-VENT Mini	15 – 50	30, Vt = 20ml	4.5	0.9, 10 lpm	2.4	30
HUDG11112	HUMID-VENT I	50 – 600	30.5, Vt = 0.2l	9.4	0.3, 20 lpm	10	50
HUDG11132	HUMID-VENT I Port	50 – 600	30.5, Vt = 0.2l	11.6	0.3, 20 lpm	14	25
HUDG13312	HUMID-VENT 2 Port	150–1500	28, Vt = 0.6l	20.9	0.8, 60 lpm	29	20
HUDG14412	HUMID-VENT 2S	150 – 1500	28, Vt = 0.6l	19.8	0.8, 60 lpm	29	20
HUDG17731	HUMID-VENT 2S Flex Sterile	250 – 1500	29, Vt = 0.6l	26.4	0.8, 60 lpm	54	20
HUDG17732	HUMID-VENT 2S Flex	250 – 1500	29, Vt = 0.6l	26.4	0.8, 60 lpm	54	20



The HUMID-VENT® combined filter/HME product line offers solutions to meet the needs of both anaesthesia and intensive care

# combined HUMID-VENT® HME / filters

masks cannulas + tubing • nebulisers • HME/filters • airway management • adaptors + miscellaneous

## filter pedi

- Combined filter/HME for children 5-13kg
- Ideal for ICU and anaesthesia use
- Provides 99.99+% bacterial/viral efficiency

## HUMID-VENT® filter small

- Extremely small combined filter/HME for tidal volumes of 150ml – 1000ml
- Only 27ml dead space with 30mg/l moisture output at 500ml tidal volume
- Bacterial efficiency 99.9999%; viral efficiency 99.99%

## HUMID-VENT® filter compact

- Mid-sized combined filter/HME for tidal volumes up to 1000ml
- Only 38ml dead space with 30mg/l moisture output at 1000ml tidal volume
- Bacterial efficiency 99.9999%; viral efficiency 99.99+%



## Combined HUMID-VENT® HME / Filters configurations

Cat No	Description	TV Range (ml)	Moisture Output (mgH <sub>2</sub> O/l)	Weight (grams)	Resistance (cmH <sub>2</sub> O)	Dead Space (ml)	Case Qty
HUDGI1012	HUMID-VENT Filter Pedi	50 – 250	30, V <sub>t</sub> = 0.11	14.5	1.4, 20 lpm	13.0	20
HUDGI8502	HUMID-VENT Filter Small, Angled	150 – 1000	30, V <sub>t</sub> = 0.51	22.0	2.1, 30 lpm	27	20
HUDGI9502	HUMID-VENT Filter Small, Straight	150 – 1000	30, V <sub>t</sub> = 0.51	21.0	2.1, 30 lpm	26	20
HUDGI8402	HUMID-VENT Filter Compact, Angled	150 – 1000	30, V <sub>t</sub> = 1.01	32.0	31.8, 60 lpm	38	25
HUDGI9402	HUMID-VENT Filter Compact, Straight	150 – 1000	30, V <sub>t</sub> = 1.01	31.0	1.8, 60 lpm	35	25
HUDGI8832	HUMID-VENT Filter Light, Angled	250 – 1500	30, V <sub>t</sub> = 1.21	30.0	2.0, 60 lpm	60	20
HUDGI9932	HUMID-VENT Filter Light, Straight	250 – 1500	30, V <sub>t</sub> = 1.21	30.0	2.0, 60 lpm	60	20

**HUDSON RCI**



# TRACH-VENT® HME

The TRACH-VENT® HME and accessory products are designed specifically for tracheostomised or intubated, spontaneously breathing patients



## TRACH-VENT® HME

Recommended for tidal volumes of 50ml and above.

### Cat No HUDG41112

ADULT

- Individually packaged 50 to a case

### Cat No HUDG61112

TRACH-VENT® HOLDER

- Individually packaged 30 to a case

### Cat No HUDG45512

OXY-VENT WITH TUBING

- Includes supplemental oxygen tubing and OXY-VENT adaptor
- Individually packaged 10 to a case



## TRACH-VENT® + HME

### Cat No HUDG41312

- Compact, lightweight HME for spontaneously breathing patients
- Includes convenient, self opening/closing suction port
- Integral oxygen port allows delivery of supplemental oxygen when needed
- Weighs only 6.5 grams
- Individually packaged 50 to a case

### TRACH-VENT® + HME configurations

Cat No	Description	TV Range (ml)	Moisture Output (mgH <sub>2</sub> O/l)	Weight (grams)	Resistance (cmH <sub>2</sub> O)	Dead Space (ml)	Case Qty
HUDG41112	TRACH-VENT	>50ml	27, Vt= 0.5l	4.0	0.25, 30 lpm	10	50
HUDG41312	TRACH-VENT+	>50ml	27, Vt= 0.5l	6.5	0.25, 30 lpm	10	50



ISO-GARD® HEPA and Depth Filter Systems offer bi-directional bacterial/viral filtration for cross-contamination protection of patient, equipment and caregiver

# ISO-GARD® Hepa Light

## ISO-GARD® Hepa Light

- ISO-GARD® Hepa Light is an advanced, highly hydrophobic bacterial/viral filter – Hepa Class 13
- May be used as an HME (see moisture output on chart)
- Bacterial/viral filtration efficiency of 99.9999+%
- Cat. No. 28002 includes gas sampling port with 22mm ID/15mm OD x 22mm OD/15mm ID connectors
- Cat. No. 28012 has 22mm ID/15mm OD x 22mm OD/15mm ID connectors
- Cat No HUD28022 has 22mm ID x 22mm OD/15mm ID connectors, ideal for machine filtration applications

## ISO-GARD® HEPA Small

Utilises the same, proven bi-directional bacterial/viral filtration media used in the larger HEPA Light models, at half the size.

- High-level filtration protection while conserving patient exhaled heat and humidity (see moisture output on chart)
- For use with adult and paediatric patients in anaesthesia applications
- Bacterial/viral filtration efficiency: 99.9999+%
- True hydrophobic HEPA filter; HEPA Class 13
- Smooth, lightweight, transparent, low dead space housing design for maximum patient and staff comfort



## ISO-GARD® HEPA Light + ISO-GARD® HEPA Small configurations

Cat No	Description	TV Range (ml)	Moisture Output (mgH <sub>2</sub> O/l)	Weight (grams)	Resistance (cmH <sub>2</sub> O)	Dead Space (ml)	Case Qty
HUDG28002	Hepa Light w/Port	300 – 1200	25.8, Vt = 0.5l	38	2.0	80	20
HUDG28012	Hepa Light	300 – 1200	25.8, Vt = 0.5l	37	2.0	80	20
HUDG28022	Hepa Light	300 – 1200	25.7, Vt = 0.5l	34	1.6	80	20
HUDG28052	HEPA Small, Angled	150 – 800	25, Vt = 0.25l	23	2.3	31	25
HUDG28062	HEPA Small, Straight	150 – 800	25, Vt = 0.25l	23	2.3	29	25

● masks cannulas + tubing ● nebulisers ● HME/filters ● airway management ● adaptors + miscellaneous

**HUDSON RCI**®



# filters

Disposable Bacterial/Viral Filters to address a wide variety of clinical applications, these filters Utilise a non-conductive, naturally hydrophobic filter media

● masks cannulas + tubing ● nebulisers ● HME/filters ● airway management ● adaptors + miscellaneous



## Main Flow Bacterial/Viral Filter

### Cat No HUD1605

- 22mm ID x 15mm ID/22mm OD
- Bacterial efficiency 99.999+%; viral efficiency 99.99+%
- Dead space is 42ml
- Flow resistance approx. 1.5 cm H<sub>2</sub>O at 60 lpm
- Individually packaged 50 to a case

### Cat No HUD1603

- 30mm ID x 30mm OD
- 130ml compressible volume
- Flow resistance 0.19 cm H<sub>2</sub>O/l/sec @ 8 lpm flow
- Individually packaged 50 to a case



## ISO-GARD® Depth Filter

Hydrophobic, electrostatic bacterial/viral filter for use on patient end of circuit when HME is not required

### Cat No HUDG19212

- 22 mm ID/15 mm OD x 22 mm OD/15mm ID
- Bacterial efficiency 99.9999%; viral efficiency 99.99+%
- Weight 22 grams; dead space 26ml
- Resistance 2.0cm H<sub>2</sub>O, 60 lpm
- Individually packaged 25 to a case



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