

# Humid-Vent<sup>®</sup> 2S / 2 Port

Latex  
Free!

## Heat & Moisture Exchanger

Gibeck Humid-Vent<sup>®</sup> 2S and Humid-Vent 2 Port are Heat and Moisture Exchangers; recommended for Tidal Volumes between 150-1500 ml.



### Features

- Transparent housing for good visibility
- Humid-Vent 2 Port eliminates the need for angled connector
- Luer-lock port for gas sampling
- Well documented
- Small dead-space
- Light weight
- Sterile or clean, for single use
- CE-marked

### CE-marking - Class IIa

according to council directive 93/42 EEC concerning medical devices

- Certificate No CE 00386, issued by BSI (No. 0086). Compliance to ISO 9001 and EN 46001.
- Manufacturer: Hudson RCI AB, Centralvägen 1, P.O. Box 711, SE-194 27 Upplands Väsby, Sweden
- Certification: ISO 9001 - Certificate No. FM 30413

## Specifications

	Humid-Vent 2S	Humid-Vent 2 Port
Dead space:	29 ml	29 ml
Weight:	19.8 g	20.9
Connectors:	15/22-15 ISO 5356-1	15/22-15 ISO 5356-1
Medium:	Hygroscopic, naturally absorbent microwell paper, bacteriostatic.	Hygroscopic, naturally absorbent microwell paper, bacteriostatic.
Resistance to flow:	at 30 l/min, typical value 0.3 cm H <sub>2</sub> O at 60 l/min, typical value 0.7 cm H <sub>2</sub> O at 90 l/min, typical value 1.4 cm H <sub>2</sub> O	at 30 l/min, typical value 0.3 cm H <sub>2</sub> O at 60 l/min, typical value 0.8 cm H <sub>2</sub> O at 90 l/min, typical value 1.6 cm H <sub>2</sub> O
Moisture loss*:	x mg H <sub>2</sub> O/l air at V <sub>T</sub> xxx ml x mg H <sub>2</sub> O/l air at V <sub>T</sub> xxx ml x mg H <sub>2</sub> O/l air at V <sub>T</sub> xxx ml	x mg H <sub>2</sub> O/l air at V <sub>T</sub> xxx ml x mg H <sub>2</sub> O/l air at V <sub>T</sub> xxx ml x mg H <sub>2</sub> O/l air at V <sub>T</sub> xxx ml
Moisture output**:	28 mg H <sub>2</sub> O/l air at V <sub>T</sub> 600 ml 27 mg H <sub>2</sub> O/l air at V <sub>T</sub> 800 ml 26 mg H <sub>2</sub> O/l air at V <sub>T</sub> 1200 ml	28 mg H <sub>2</sub> O/l air at V <sub>T</sub> 600 ml 27 mg H <sub>2</sub> O/l air at V <sub>T</sub> 800 ml 26 mg H <sub>2</sub> O/l air at V <sub>T</sub> 1200 ml
Instructions for use:	In box	

\* Calculated from moisture output

\*\* Tested in accordance with ISO standard 9360

## Order information

REF	Item	Qty in box/case
14411	Humid-Vent 2S, sterile	20/200
14412	Humid-Vent 2S, clean	20/200
13311	Humid-Vent 2 Port, sterile	20/200
13312	Humid-Vent 2 Port, clean	20/200

## Caution & Contraindications

- See instructions for use

## Contents of materials

Product	Material	Weight in g HV 2S/HV 2P	Residue after incineration
Housing	Polymethylmethacrylat copolymer	15.5/15.9	Carbon dioxide and water
Media	Paper, impregnated with CaCl <sub>2</sub>	4.3	Carbon dioxide and water
Luercap	ABS	0.7	Carbon dioxide and water
Packaging			
Single unit container			
a) upper part	Paper	0.5	Carbon dioxide and water
b) lower part	multilayer plastic film polyethylene -copolyamid	1.2	Carbon dioxide, water and nitrogen oxide (less than 1.7% by volume, 2.7% by weight)
multiple unit box	Paper	107.0	Carbon dioxide and water
transportation case	Paper	537.0	Carbon dioxide and water

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