HUDSON RCI RESPIRATORY SOLUTIONS
Breathing, made easier.
BREATHING, MADE EASIER.®

As a leader in respiratory care for more than 65 years, Hudson RCI is dedicated to providing innovative products that solve some of the biggest challenges facing healthcare professionals. Our mission is to provide products that enable healthcare providers to improve outcomes and enhance patient and provider safety. We are committed to fulfilling this mission while delivering unparalleled customer support.

As a pioneer in the industry, Hudson RCI has introduced some of the most recognizable products to the respiratory community, including the prefilled large volume nebulizer, disposable small volume nebulizer, infant nasal CPAP prongs, and the original Swedish nose, commonly known as the heat and moisture exchanger (HME). Our portfolio includes a plethora of branded products used by healthcare professionals. Some of these products you have come to recognize and trust include ConchaTherm® Neptune® heated humidification systems, MICRO MIST® nebulizers, Gibeck® HMEs and filters, Voldyne® incentive spirometers, and LIFESAVER® resuscitation devices.

This catalog is designed as a reference tool to provide healthcare professionals with pertinent product information. Teleflex Customer Service can provide additional product information and contact information for your local sales representative. To place an order, please contact Teleflex Customer Service at 866.246.6990, or contact your local distributor.

Visit us online at teleflex.com.
OXYGEN THERAPY

OXYGEN MASKS

MEDIUM-CONCENTRATION MASKS

Adult Item Code 1040
• Clear, soft vinyl for patient comfort and visual assessment
• Adjustable nose clip assures comfortable fit
• Complete with 7-ft oxygen supply tubing

Item Code 1048
• Same as Item Code 1040 but without tubing

Pediatric Item Code 1035
• Same as Item Code 1040 but with a pediatric-sized mask

Individually packaged, 50 to a case.

MEDIUM-CONCENTRATION MASKS, ELONGATED

Adult Item Code 1041
• Under-the-chin design for excellent fit on wide range of face sizes
• Clear, soft vinyl for patient comfort and visual assessment
• Adjustable nose clip assures comfortable fit
• Complete with 7-ft oxygen supply tubing

Item Code 1930
• Same as Item Code 1041 but with universal tubing connector
• Attaches directly onto the flowmeter, eliminating the need for an adaptor

Pediatric Item Code 1042
• Same as Item Code 1041 but with a pediatric-sized mask

Item Code 1050
• Same as Item Code 1042 but without tubing

Individually packaged, 50 to a case.

HIGH-CONCENTRATION MASKS

Adult Item Code 1009
• Clear, soft vinyl for patient comfort and visual assessment
• Adaptor swivels to accommodate patient position
• Adjustable nose clip assures comfortable fit
• 750-mL reservoir bag
• Complete with 7-ft oxygen supply tubing

Pediatric Item Code 1000
• Same as Item Code 1009 but with a pediatric-sized mask

Individually packaged, 50 to a case.
HIGH-CONCENTRATION MASKS, ELONGATED

Adult

**Item Code 1007**
- Under-the-chin design for excellent fit on wide range of face sizes
- Clear, soft vinyl for patient comfort and visual assessment
- Adaptor swivels to accommodate patient position
- Adjustable nose clip assures comfortable fit
- 750-mL reservoir bag
- Complete with 7-ft oxygen supply tubing

Pediatric

**Item Code 1011**
- Same as Item Code 1007 but with a pediatric-sized mask
- Individually packaged, 50 to a case.

NONREBREATHING MASKS WITH SAFETY VENT

Adult

**Item Code 1059**
- Low-resistance check valve does not contain natural rubber latex, prevents rebreathing and allows exhaled gas to escape
- Safety vent allows for entrainment of room air
- Adjustable nose clip assures comfortable fit
- 750-mL reservoir bag
- Complete with 7-ft oxygen supply tubing

**Item Code 1069**
- Same as Item Code 1059 but without tubing

**Item Code 1935**
- Same as Item Code 1059 but with universal tubing connector
- Attaches directly onto the flowmeter, eliminating the need for an adaptor

Pediatric

**Item Code 1058**
- Same as Item Code 1059 but with a pediatric-sized mask
- Individually packaged, 50 to a case.

NONREBREATHING MASKS

Adult

**Item Code 1060**
- Low-resistance check valve does not contain natural rubber latex, prevents rebreathing and allows exhaled gas to escape
- Adjustable nose clip assures comfortable fit
- 750-mL reservoir bag
- Complete with 7-ft oxygen supply tubing

**Item Code 1936**
- Same as Item Code 1060 but with universal tubing connector
- Attaches directly onto the flowmeter, eliminating the need for an adaptor
- Individually packaged, 50 to a case.
THREE-IN-ONE MASKS

Adult

Item Code 1061
• 3-in-1 mask can be used as a medium-concentration, high-concentration or nonrebreathing mask
• Includes mask with flapper valve, nonrebreathing bag assembly, 7-ft oxygen supply tubing and oxygen connector
• Adjustable nose clip assures comfortable fit

Item Code 1937
• Same as Item code 1061 but with Star Lumen® tubing

Individually packaged, 50 to a case.

INFANT OXYGEN MASKS

INFANT HIGH-CONCENTRATION MASK

Item Code 395406
• Consists of a soft vinyl face piece and an oxygen inlet with a barbed barrel that firmly grasps the oxygen line
• Wide elastic bands do not contain natural rubber latex and can be easily adjusted to fit a wide range of head sizes

Individually packaged, 50 to a case.

INFANT HIGH-CONCENTRATION MASK WITH 7-FT TUBING

Item Code 395407
• Consists of a soft vinyl face piece and an oxygen inlet with a barbed barrel that firmly grasps the oxygen line
• Complete with 7-ft oxygen supply tubing
• Wide elastic bands do not contain natural rubber latex and can be easily adjusted to fit a wide range of head sizes

Individually packaged, 50 to a case.

INFANT NONREBREATHING MASK

Item Code 395498
• Consists of a soft vinyl face piece and an oxygen inlet with a barbed barrel that firmly grasps the oxygen line
• Wide elastic bands do not contain natural rubber latex and can be easily adjusted to fit a wide range of head sizes

Individually packaged, 50 to a case.
INFANT NONREBREATTHING MASK
WITH 7-FT TUBING

Item Code 395497
• Consists of a soft vinyl face piece and an oxygen inlet with a barbed barrel that firmly grasps the oxygen line
• Wide elastic bands do not contain natural rubber latex and can be easily adjusted to fit a wide range of head sizes
• Complete with 7-ft oxygen supply tubing
Individually packaged, 50 to a case.

INFANT MEDIUM-CONCENTRATION MASK

Item Code 395499
• Consists of a soft vinyl face piece and an oxygen inlet with a barbed barrel that firmly grasps the oxygen line
• Wide elastic bands do not contain natural rubber latex and can be easily adjusted to fit a wide range of head sizes
Individually packaged, 50 to a case.

INFANT MEDIUM-CONCENTRATION MASK
WITH 7-FT TUBING

Item Code 396218
• Consists of a soft vinyl face piece and an oxygen inlet with a barbed barrel that firmly grasps the oxygen line
• Complete with 7-ft oxygen supply tubing
• Wide elastic bands do not contain natural rubber latex and can be easily adjusted to fit a wide range of head sizes
Individually packaged, 50 to a case.

AIR ENTRAINMENT MASKS
MULTI-VENT MASKS

Adult
Item Code 1088
• Safe, simple delivery of variable oxygen concentrations
• Each mask includes color-coded diluters: green for low concentration, white for medium concentration
• Locking ring secures flow setting
• Includes adaptor for high humidity entrainment
• Complete with 7-ft oxygen tubing
Individually packaged, 50 to a case.

Item Code 1940
• Same as Item Code 1088 but with universal tubing connector
• Attaches directly onto the flowmeter, eliminating the need for an adaptor

Pediatric
Item Code 1089
• Same as Item Code 1088 but with a pediatric-sized mask

Note: Use of oxygen concentrators with air entrainment mask will alter delivered FiO₂.
SELECT-A-VENT MASKS

- Safe, simple delivery of variable oxygen concentrations
- Features 6 color-coded diluters: 24%, 28%, 31%, 35%, 40% and 50%
- Diluters not sold separately
- Includes adaptor for high-humidity entrainment
- Complete with 7-ft oxygen supply tubing

Adult
**Item Code 1098**
- Kit includes mask, high humidity adaptor, oxygen tubing and 6 color-coded diluters

**Note:** Use of oxygen concentrators with air entrainment masks will alter delivered FiO₂

**Item Code 1943**
- Same as Item Code 1098 but with universal tubing connector

**Pediatric**
**Item Code 1096**
- Same as Item code 1098 but with a pediatric-sized mask

NASAL CANNULAS

Softech Plus is the confident choice for comfortable oxygen delivery because of the proprietary combination of a softer Non-DEHP material and improved product design. Softech Plus will help improve patient comfort and enhance the quality of care.

- Notch between nasal prongs to provide flexibility and a more customized fit for patients
- Soft durometer lariat tubing to increase patient comfort
- Made of non-DEHP material
- Star-lumen design provides crush-proof and kink-proof tubing for continuous flow
- Adult and pediatric sizes have star-lumen lariat tubing
- Green oxygen tubing to reduce connection errors
- Individually packaged, configurations and case quantities listed below

**SOFTECH PLUS NASAL CANNULAS**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>SIZE</th>
<th>TUBING LENGTH</th>
<th>STAR LUMEN TUBING</th>
<th>STANDARD CONNECTOR</th>
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<th>CASE QUANTITY</th>
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SOFTECH® NASAL CANNULAS

The Softech nasal cannula is produced by a special manufacturing process to provide an exceptionally soft cannula.

- Extremely lightweight and flexible
- Anatomically designed to enhance patient comfort and acceptance
- Over-the-ear design optimizes fit and stability while maximizing patient comfort
- Available with a standard or universal tubing connector that allows direct attachment to flowmeter
- Most configurations include crush-proof and kink-proof tubing for continuous flow
- Available without tubing
- Individually packaged, configurations and case quantities listed below

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<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>SIZE</th>
<th>TUBING LENGTH</th>
<th>STAR LUMEN® TUBING</th>
<th>STANDARD TUBING</th>
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<th>UNIVERSAL CONNECTOR</th>
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</table>
Hudson RCI offers an extensive line of nasal oxygen cannulas to accommodate a variety of patient needs in most care settings.

**COMFORT FIT EAR CUSHION CANNULAS**

The Comfort Fit and Advanced Comfort Fit cannulas feature ear cushions which help to relieve the pressure around a patient’s ears, promoting comfort and enhancing the quality of care.

- Advanced Comfort Fit High Flow nasal cannula delivers flows up to 15 lpm
- Exceptionally soft cannula designed with patient comfort in mind
- Extremely lightweight and flexible; improves patient acceptance
- Crush-proof and kink resistant tubing for continuous flow
- Comfort Fit Ear Cushions help relieve pressure around the ears
- Over-the-ear design optimizes fit and stability
- Adult sizes

*Individually packaged, configurations listed below.*

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<th>ITEM CODE</th>
<th>SIZE</th>
<th>TUBING LENGTH</th>
<th>1-15 LPM</th>
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**FREEDOM MICRO FLOW CANNULAS**

Softech® cannulas with a design optimized for use with low oxygen flows. Ideal for long-term use.

- Low flow (3 lpm or less)
- Slim design
- Star Lumen tubing
- Lightweight design enhances patient comfort
- Streamlined design is less visible on the skin and more comfortable for the patient
- Crush-proof and kink-resistant tubing for continuous flow

*Individually packaged, configurations listed below.*

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<th>SIZE</th>
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OVER-THE-EAR CANNULAS

The popular Hudson RCI® over-the-ear cannula, which has set the industry standard for decades, is cost-effective and is offered in a wide range of adult configurations.

- Flexible, contoured lip tab provides a high level of stability and patient comfort
- Over-the-ear design provides a comfortable and secure fit

- Offered with standard (nonflared) or flared nasal prongs
- Available with standard or universal connector and standard or crush-proof and kink-proof Star Lumen® tubing in a variety of lengths

<table>
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<th>ITEM CODE</th>
<th>STANDARD NASAL TIP</th>
<th>FLARED NASAL TIP</th>
<th>TUBING LENGTH</th>
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OXYGEN-CONSERVING CANNULAS

The Hudson RCI oxygen-conserving cannula incorporates a patented split prong nasal design and 2 oxygen supply tubes with standard connectors.

- Design provides control and comfort in synchronizing breathing with oxygen conserving regulators
- Use of this cannula requires a conserving regulator with 2 ports, 1 for oxygen delivery and 1 for pressure sampling

- Oxygen conserving cannula with 5-ft standard oxygen supply tubing

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
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| 1850      | Adult Item Code 1850
- Same as 1850 but with 7-ft standard oxygen supply tubing

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<tr>
<th>ITEM CODE</th>
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</table>
| 1851      | Adult Item Code 1851
- Individually packaged, 25 to a case. |
ETCO₂ SAMPLING CANNULAS

SOFTECH® BI-FLO CANNULA

The Softech Bi-Flo Cannula provides the capability of delivering supplemental oxygen while simultaneously sampling expired CO₂. The Bi-Flo Cannula patented design allows delivery of oxygen to both nasal prongs and sampling of expired gases from both nares.

**Item Code 1843**
- Cannula with 7-ft oxygen supply tubing and 3-in CO₂ sampling line with a female luer connector

**Item Code 1844**
- Cannula with 7-ft oxygen supply tubing and 7-ft CO₂ sampling line with a male luer connector

**Item Code 1845**
- Cannula with 7-ft oxygen supply tubing and 7-ft CO₂ sampling line with a female luer connector

*Individually packaged, 25 to a case.*

OXYGEN CATHETERS AND CANNULAS

OXYGEN CATHETERS

**Item Code 1147**
- 14 French
- 16-in flexible oxygen catheter made of smooth, odorless material
- Apertures are spaced to provide optimal patient comfort

**Item Code 1145**
- 10 French
- Same as Item Code 1147 but 10 French

*Individually packaged, 50 to a case.*

ELASTIC HEAD STRAP CANNULAS

**Adult**

**Item Code 1100**
- Soft, transparent vinyl
- Adjustable elastic band for comfortable, snug fit below the ears
- Complete with 7-ft oxygen supply tubing

**Item Code 1102**
- Soft, pink-tinted vinyl
- Adjustable elastic band for comfortable, snug fit below the ears
- Complete with 7-ft oxygen supply tubing

**Pediatric**

**Item Code 1101**
- Same as Item Code 1100 but sized for pediatric patients

*Individually packaged, 50 to a case.*
INFANT CPAP CANNULAS
INFANT NASAL PRONG CPAP CANNULA

The Hudson RCI® Infant Nasal Prong CPAP cannula system is designed to reduce trauma associated with the delivery of infant nasal CPAP.

- Soft, anatomically curved prongs enhance fit
- Luer fitting on expiratory connector allows proximal airway pressure monitoring
- 6 prong sizes allow greater choice for appropriate sizing for each infant
- Available in a system or in a set

**Individually packaged, 10 to a case.**

CPAP SYSTEMS

Each system includes the following:
- Cannula
- Inspiratory elbow connector
- Expiratory elbow connector
- Knit cap
- Two 6-inch Velcro sections
- Two 4-ft, 10-mm ID corrugated tubing sections
- 4-ft pressure monitoring line
- 22- to 10-mm humidifier adaptor

CPAP SETS

Each set includes the following:
- Cannula
- Inspiratory elbow connector
- Expiratory elbow connector
- Knit cap
- Two 6-inch Velcro sections
- Two 10- to 7.5-mm adaptors

<table>
<thead>
<tr>
<th>INFANT WEIGHT RANGE</th>
<th>SUGGESTED CANNULA SIZE</th>
<th>FRENCH SIZE</th>
<th>SYSTEM ITEM CODE</th>
<th>SET ITEM CODE</th>
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<tr>
<td>&lt;700 g</td>
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<td>10</td>
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<tr>
<td>700-1,250 g</td>
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<tr>
<td>&gt;3,000 g</td>
<td>4</td>
<td>16</td>
<td>1688</td>
<td>1694</td>
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<tr>
<td>1-2 YEARS</td>
<td>5</td>
<td>20</td>
<td>1689</td>
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OXYGEN THERAPY

OXYGEN SUPPLY TUBING

Hudson RCI® oxygen supply tubing is available in a variety of configurations to meet the needs of patients and clinicians in most care settings.

• Available with a standard or universal connector that attaches directly onto the flowmeter, eliminating the need for an adaptor

• Distinctively designed Star Lumen® tubing features a channeled inner lumen to resist kinks and occlusion

Individually packaged, case quantities listed below.

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>STANDARD TUBING</th>
<th>STAR LUMEN TUBING STANDARD</th>
<th>STAR LUMEN TUBING GREEN</th>
<th>STANDARD CONNECTOR</th>
<th>UNIVERSAL CONNECTOR</th>
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<tr>
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<tr>
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<td>•</td>
<td>50 ft</td>
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<td>•</td>
<td>25 ft</td>
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OXYGEN TUBING WATER TRAP

Item Code 1679

• Traps condensed moisture within oxygen supply tubing

• Primarily used in conjunction with a nasal cannula

• Pliable tube resists cracking or breaking

• Plug design minimizes potential for water leak

Individually packaged, 10 to a case.
CORRUGATED TUBING
SMOOTH-FLO® CORR-A-TUBE® II
Disposable, lightweight tubing available in popular lengths, featuring a corrugated exterior with a smooth interior.

- No internal corrugates for condensate to collect in
- Smooth interior offers quiet passage of airflow even at high flow rates

\[\text{Individually packaged, case quantities are listed below.}\]

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<th>INTERNAL DIAMETER</th>
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<td>50</td>
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<tr>
<td>1416</td>
<td>48 in</td>
<td>22 mm</td>
<td>50</td>
</tr>
<tr>
<td>1417</td>
<td>60 in</td>
<td>22 mm</td>
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<tr>
<td>1418</td>
<td>72 in</td>
<td>22 mm</td>
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CORR-A-FLEX® TUBING

- 22-mm disposable corrugated tubing available in popular pre-cut lengths for convenience
- Flexible, lightweight tubing available with cuttable cuffs every 6 in
- Tapered cuffs securely attach to most 22-mm respiratory therapy applications

\[\text{Individually packaged, case quantities listed below.}\]

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<th>ITEM CODE</th>
<th>LENGTH</th>
<th>CUTTABLE CUFF</th>
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<td>1516</td>
<td>48 in</td>
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<tr>
<td>1517</td>
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<td>50</td>
</tr>
<tr>
<td>1518</td>
<td>72 in</td>
<td>•</td>
<td>50</td>
</tr>
<tr>
<td>1528</td>
<td>72 in</td>
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<td>50</td>
</tr>
<tr>
<td>1680</td>
<td>100 ft</td>
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<td>1</td>
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</table>
AQUAPAK® BUBBLE HUMIDIFIERS
AQUAPAK HUMIDIFIERS
Aquapak Prefilled Bubble Humidifiers are designed to add humidity to inspired gas, helping to control the drying and irritation of the respiratory mucosa. The humidifier features a micro-diffuser that produces smaller bubbles and greater surface agitation, allowing for a quiet operation, therapeutic humidity output and greater patient comfort.

- Combines an easy-to-use adaptor with a choice of 3 sterile reservoir bottle sizes
- Humidifier adaptors incorporate audible alarm to alert clinician to flow restriction or occlusion of humidifier or tubing
- Reservoir bottles have built-in oxygen tubing connectors

340mL STERILE WATER
Item Code 003-01
- Use with Item Code 000-40
- Easy snap-off trigger design
Individually packaged, 20 to a case.

540 mL STERILE WATER
Item Code 005-01
- Use with Item Code 000-40
- Easy snap-off trigger design
Individually packaged, 12 to a case.

650 mL OF STERILE WATER
Item Code 006-01
- Use with Item Code 000-40
- Easy snap-off trigger design
Individually packaged, 10 to a case.

AQUAPAK 340mL KIT
Item Code 003-40
- 340 mL of sterile water
- Includes 000-40 Humidifier Adaptor
Individually packaged, 20 to a case.

AQUAPAK 540mL KIT
Item Code 005-40
- 540 mL of sterile water
- Includes 000-40 Humidifier Adaptor
Individually packaged, 12 to a case.

AQUAPAK 650mL KIT
Item Code 006-40
- 650 mL of sterile water
- Includes 000-40 Humidifier Adaptor
Individually packaged, 10 to a case.

HUMIDIFIER ADAPTOR
Item Code 000-40
- Audible alarm system alerts clinician of flow restriction or occlusion of oxygen cannula or mask tubing
- Designed for use with Item Code 003-01, Item Code 005-01 or Item Code 006-01
Individually packaged, 120 to a case.
**BUBBLE HUMIDIFIERS**

**DISPOSABLE HUMIDIFIER, 4 PSI**

**Item Code 3230**
- Disposable, durable plastic with preset audible alarm at 4 psi pressure relief
- Unique diffuser designed to provide patient with comfortable, therapeutic humidity and minimal noise
- 500 mL usable volume
- Defined maximum and minimum water level lines
- Recessed nipple reduces possibility of breaking off outlet connection

*Individually packaged, 50 to a case.*

**DISPOSABLE HUMIDIFIER, 6 PSI**

**Item Code 3260**
- Disposable, durable plastic with preset audible alarm at 6 psi pressure relief
- Allows the use of longer lengths of oxygen tubing without the audible alarm sounding
- Unique diffuser designed to provide patient with comfortable, therapeutic humidity and minimal noise
- 500 mL usable volume
- Defined maximum and minimum water level lines
- Recessed nipple reduces possibility of breaking off outlet connection

*Individually packaged, 50 to a case.*

**DISPOSABLE HUMIDIFIER, 6 PSI FLOW RATES**

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<tr>
<th>TUBING LENGTH</th>
<th>RECOMMENDED MAXIMUM FLOW RATE</th>
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<tbody>
<tr>
<td>Up to 20 ft</td>
<td>12 lpm</td>
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<tr>
<td>21-30 ft</td>
<td>10 lpm</td>
</tr>
<tr>
<td>31-40 ft</td>
<td>9 lpm</td>
</tr>
<tr>
<td>41-50 ft</td>
<td>8 lpm</td>
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</table>

Hudson RCI® offers a choice of humidifiers for use with a clinician’s water source. All humidifiers feature an audible pressure-relief valve to signal occlusion of the humidifier or tubing. Humidifier adaptors incorporate an audible alarm to alert clinicians to flow restriction or occlusion of humidifier or tubing.
OXYGEN THERAPY

AEROSOL THERAPY

PASSIVE HUMIDIFICATION & FILTRATION

ACTIVE HUMIDIFICATION & BREATHING CIRCUITS

RESUSCITATION BAGS

INCENTIVE SPIROMETERS

ADAPTORS & CONNECTORS
NEB-U-MASK® SYSTEMS

NEB-U-MASK SYSTEM

Neb-U-Mask is a combination device that allows for the concurrent delivery of aerosolized medications and high concentrations of oxygen or heliox.

- The system includes a y design featuring a nebulizer connection and MDI port, a high-concentration mask, and a 750-ml gas reservoir bag
- The nebulizer connection features a valved port, which maintains a closed system when the nebulizer is not in use
- Available in both adult and pediatric versions
- Packaged with a Micro Mist® nebulizer and color-coded gas supply tubing to facilitate ease of use
- Nebulizes at angles up to 90° and features a swivel connector, allowing the system to be used in a manner most comfortable for the patient

Adult
Item Code 1895
- Valved nebulizer port helps maintain a closed system at all times
- 360° swivel connector allows the system to be adjusted to the most comfortable position
- Nebulizer and MDI ports allow treatment to be tailored to the patient’s needs

Pediatric
Item Code 1896
- Same as Item Code 1895 except pediatric-sized mask

Masks are individually packaged, 20 to a case.

AEROSOL MASKS

AEROSOL MASKS – ELONGATED

Adult
Item Code 1083
- Under-the-chin design for excellent fit on wide range of face sizes
- Clear, soft vinyl for patient comfort
- Adjustable nose clip assures comfortable fit
- Specifically designed for aerosol therapy
- Does not include tubing
- Accepts 22-mm ID aerosol tubing

Item Code 1385
- Same as Item Code 1083 but with 6-ft Corr-A-Flex® corrugated tubing featuring cuttable sections every 6 inches

Pediatric
Item Code 1085
- Same as Item Code 1083 except pediatric-sized mask

Masks are individually packaged, 50 to a case.
AEROSOL MASKS

**Adult**

*Item Code 1084*
- Clear, soft vinyl for patient comfort
- Adjustable nose clip assures comfortable fit
- Specifically designed for aerosol therapy
- Does not include tubing
- Accepts 22-mm ID aerosol tubing

**Pediatric**

*Item Code 1080*
- Same as Item Code 1084 except pediatric-sized mask

*Masks are individually packaged, 50 to a case.*

**FACE TENTS**

*Item Code 1095*
- For high-humidity aerosol therapy
- Distinctive under-the-chin design made of clear, soft vinyl offers patient comfort and ease of speech
- Does not include tubing
- Accepts 22-mm ID aerosol tubing

*Item Code 1389*
- An under-the-chin face tent, a clear 6-in reservoir tube, and a 7-ft oxygen supply tubing and O₂ adapter

*Face tents are individually packaged, 50 to a case.*

*Item Code 1388*
- Same as Item Code 1095 but with 6-ft Corr-A-Flex® corrugated tubing featuring cuttable sections every 6 inches

**TRACHEOSTOMY MASKS**

**Adult**

*Item Code 1075*
- For tracheostomy and laryngectomy aerosol therapy
- Tubing connector swivels 360° for ease of positioning
- 22-mm OD connector accepts 22-mm corrugated tubing and nebulizer tees

**Pediatric**

*Item Code 1076*
- Same as Item Code 1075 except pediatric-sized mask

*Masks are individually packaged, 50 to a case.*
**AEROSOL THERAPY**

**SMALL VOLUME NEBULIZERS**

**MICRO MIST® NEBULIZER**

The Micro Mist is a high-performing nebulizer that delivers an optimal particle size at angles up to 90°. The unique design maximizes options for placement, without sacrificing aerosol quality. It is used for intermittent aerosol therapy and can be relied upon to deliver both performance and economy.

- Optimal particle size delivered at efficient nebulization rates
- Consistent performance at angles up to 90 degrees allowing flexible medication delivery
- Jet stays in place unless intentionally removed
- Easy-seal, threaded cap and 6 cc capacity anti-spill jar to prevent leakage
- Recommended flow rate: 8 lpm
- Available with standard or universal tubing connector

*Individually packaged, 50 to a case.*

### MICRO MIST NEBULIZER

<table>
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<th>ITEM CODE</th>
<th>NEBULIZER</th>
<th>TEE</th>
<th>MOUTHPIECE</th>
<th>RESERVOIR TUBE</th>
<th>7-FT TUBING</th>
<th>STANDARD CONNECTOR</th>
<th>UNIVERSAL CONNECTOR</th>
<th>ADULT MASK (ITEM CODE 1083)</th>
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</table>

**MICRO MIST NEBULIZER KIT, 2+2**

**Item Code 1888**

- Each Kit contains 2 each of Item Code 1880 and Item Code 1883

*Packaged complete, 25 kits to a case.*
AEROTEE™ NEBULIZER SYSTEM

**Item Code 1890**
- Reservoir bag saves aerosol produced during exhalation for delivery on subsequent inhalation
- Provides 50% more aerosol to the patient than a standard nebulizer tee with 6-in reservoir tube
- No effect on particle size generated by nebulizer
- Cost effective, simple to use, requires no adjustments
- Includes Aerotee, 750-mL reservoir bag, mouthpiece, Micro Mist® nebulizer, and 7-ft oxygen supply tubing
- Recommended flow rate: 8 lpm

*Individually packaged, 25 to a case.*

UP-DRAFT II® OPTI-NEB® NEBULIZER

Designed to be a universal nebulizer, the Up-Draft II gives you added flexibility in flow rates, delivering quality aerosols at flows ranging from 5 to 9 lpm and making it a popular choice for many facilities looking to consolidate options into one high-performance product.

- Nebulizes at angles up to 45° to accommodate special treatment requirements
- Produces fine, dense particles for effective therapy
- Easy-seal, threaded cap and 8 cc capacity jar
- Anti-spill design prevents loss of medication in any position
- Jet stays in place unless intentionally removed
- Available with standard or universal tubing connector
- Recommended flow rate: 5 to 9 lpm

*Individually packaged, 50 to a case.*

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>NEBULIZER</th>
<th>TEE</th>
<th>MOUTHPIECE</th>
<th>RESERVOIR TUBE</th>
<th>7-FT TUBING</th>
<th>STANDARD CONNECTOR</th>
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</tbody>
</table>
AEROSOL THERAPY

ISO-NEB FILTERED NEBULIZER SYSTEM

**Item Code 1755**
- Designed to reduce environmental contamination during aerosol therapy
- Inspiratory and expiratory flows are isolated by one-way valves with exhalation directed through an efficient filter system
- Anti-spill Up-Draft II* Opti-Neb* nebulizer produces fine, dense particles for site-specific therapy
- High-output, 8 cc nebulizer operates vertically or at a 45° angle
- Recommended flow rate: 6 to 8 lpm

*Individually packaged, 20 to a case.*

**UP-DRAFT® NEBULIZER**
- High-output nebulizer available in a variety of configurations
- Large capacity, 15 cc jar allows for aerosol treatments in excess of 1 hour
- Available separately or with a variety of components

*Individually packaged, 50 to a case.*

---

**UP-DRAFT NEBULIZER**

<table>
<thead>
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<th>NEBULIZER</th>
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<th>MOUTHPIECE</th>
<th>RESERVOIR TUBE</th>
<th>7-FT TUBING</th>
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<td>1724</td>
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</tbody>
</table>
NEONATAL NEBULIZER KIT

Item Code 1790
For administration of small volume nebulizer therapy during neonatal mechanical ventilation with 10-mm ID circuits

- Each kit includes 1 each:
  - Up-Draft II® Opti-Neb® nebulizer
  - 12-in, 10-mm corrugated tube
  - 22 mm OD/18 mm ID x 10 mm nebulizer adaptor
  - 10 mm x 7.5 mm connector
  - 10 mm ID x 10 mm OD neonatal tee
  - 7-ft oxygen supply tubing

Individually packaged, 50 to a case.

NEONATAL ADAPTOR KIT

Item code 1792
• Same as Item Code 1790 but without nebulizer and oxygen tubing

Individually packaged, 50 to a case.
AEROSOL THERAPY

The Aquapak prefilled nebulizer features a unique design to maximize patient outcomes and improve efficiency. Featuring a clear return tube, the system recycles large particles back to the reservoir to be aerosolized, reducing tubing rainout and ensuring efficient water consumption.

AQUAPAK® PREFILLED NEBULIZERS

Versatile sterile systems provide cold or heated nebulization. Choose from a wide variety of reservoirs, adapters and solutions to meet specific patient requirements efficiently and economically.

- Select from 2 precision nebulizer adaptors for delivery of a consistent aerosol therapy
- 2 heater options provide heated aerosol therapy
- Prefilled sterile reservoirs come in 3 convenient sizes: 440mL, 760mL and 1070mL
- Available with both reservoir and sterile adaptor conveniently packaged together
- Reservoirs may be used with other Hudson RCI® humidification and nebulization products, making the system truly versatile

NEBULIZER ADAPTORS

Nebulizer adaptors designed for use with prefilled sterile reservoirs.

028 ADAPTOR (YELLOW)

Item Code 031-28

- Venturi-style adaptor allows the selection of oxygen concentrations from 28% to 98%

033 ADAPTOR (BLUE)

Item Code 031-33

- Venturi-style adaptor allows the selection of oxygen concentrations from 33% to 98%

Individually packaged, 50 to a case.
### AQUAPAK® PREFILLED RESERVOIR AND NEBULIZER ADAPTOR CONFIGURATIONS

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>440 ML</th>
<th>760 ML</th>
<th>1070 ML</th>
<th>STERILE WATER</th>
<th>0.45% SALINE</th>
<th>0.90% SALINE</th>
<th>02B ADAPTOR</th>
<th>033 ADAPTER</th>
<th>10 PER CASE</th>
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<th>50 PER CASE</th>
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</tbody>
</table>
LARGE VOLUME NEBULIZER

Item Code 1770
- Disposable nebulizer designed for use with clinician-provided water
- Delivers humidified gas in concentrations ranging from 28% to 98%
- Lightweight, easy to use
- Bright yellow, Venturi-style entrainment ring with incremental dial for setting oxygen concentrations
- Polypropylene jar holds up to 500 cc of water
- Clearly marked water levels

Individually packaged, 50 to a case.

LARGE VOLUME NEBULIZER HEATERS

AQUATHERM® EXTERNAL HEATER

Item Code 048-91
- Use with Aquapak® prefilled nebulizer system to provide heated aerosol
- Simple and reliable heater with a nonadjustable heater output
- Provides aerosol temperatures between 26.6°C and 32.2°C (80°F to 90°F)*
- Sold individually

*As measured at 7 lpm flow and 60% air entrainment at the end of a 5 ft, 22 mm corrugated hose.

AQUATHERM III EXTERNAL ADJUSTABLE ELECTRONIC HEATER

Item Code 050-14
- Use with Aquapak prefilled nebulizer system to provide heated aerosol
- Illuminated power switch
- Adjustable aerosol temperature to meet varying patient needs
- Sold individually

THERMAGARD® HEATER

Item Code 5705
- Provides continuous heated aerosol
- Illuminated power switch and adjustable temperature range
- Used exclusively with Item Code 1770 (sold separately)
- Sold individually
UNIT DOSE SOLUTIONS
ADDIPAK® UNIT DOSE SOLUTIONS

Addipak unit dose vials are sterile solutions for inhalation therapy. Not for use in parenteral applications.

- Tamper-proof, color-coded vials for easy solution identification
- Inverted milliliter graduations and precise opening for accurate and controlled dispensing of solution
- 15-mL vials packaged 48 to a box, 3 boxes to a case
- 3-mL and 5-mL vials packaged 100 to a box, 10 boxes to a case

ADDIPAK UNIT DOSE SOLUTIONS

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>SIZE</th>
<th>STERILE WATER (BLUE)</th>
<th>0.45% SALINE (GREEN)</th>
<th>0.9% SALINE (RED)</th>
<th>CASE QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-31</td>
<td>3 mL</td>
<td>•</td>
<td></td>
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<td>200-34</td>
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</tr>
<tr>
<td>200-39</td>
<td>3 mL</td>
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<tr>
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<td>5 mL</td>
<td>•</td>
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<td>1000</td>
</tr>
<tr>
<td>200-59</td>
<td>5 mL</td>
<td></td>
<td></td>
<td>•</td>
<td>1000</td>
</tr>
<tr>
<td>200-69</td>
<td>15 mL</td>
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<td></td>
<td>•</td>
<td>144</td>
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</table>
The Opti-Neb Pro is a compact, powerful compressor providing an outstanding combination of performance, quality and value. Its sleek design and built-in carrying handle make it convenient to take anywhere. Designed with the patient in mind, the Opti-Neb Pro compressor comes with a stylish carrying bag, nonslip pads and a 5-year limited warranty. It is available with both reusable and disposable nebulizers, allowing you access to the configuration that best meets your needs.

### OPTI-NEB PRO COMPRESSOR NEBULIZER SYSTEM

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>OPTI-NEB PRO COMPRESSOR</th>
<th>DISPOSABLE MICRO MIST®</th>
<th>REUSABLE OPTI-NEB PRO</th>
<th>REPLACEMENT FILTERS</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>5900</td>
<td>Opti-Neb Pro compressor with disposable nebulizer</td>
<td>-</td>
<td>-</td>
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<tr>
<td>5901</td>
<td>Opti-Neb Pro compressor with reusable nebulizer</td>
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<td>-</td>
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<tr>
<td>5902</td>
<td>Opti-Neb Pro compressor with disposable and reusable nebulizer</td>
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</table>

### OPTINEB PRO COMPRESSOR ACCESSORIES

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>5906</td>
<td>Opti-Neb Pro replacement filters</td>
<td>10</td>
</tr>
<tr>
<td>1883</td>
<td>Hudson RCI® MICRO MIST nebulizer kit</td>
<td>50</td>
</tr>
</tbody>
</table>
MDI CHAMBERS

The Hudson RCI® Anti-Static, Clear, Valved pocket chamber is designed for portability and convenience to accommodate the varied lifestyles of patients with asthma.

- Has standard 22-mm mouthpiece for use with a variety of masks, if desired (see Panda Mask)
- Device features a tethered cap to protect the mouthpiece

POCKET CHAMBER
Item Code 1001-10
Packaged 10 to a case.

POCKET CHAMBER
Item Code 1001-50
Packaged 50 to a case.

PANDA MASK

The Panda Mask is a clear, nonrebreathing mask designed for maximum patient comfort.

- Constructed of pliable silicone with 22-mm ID inlet fitting; does not contain natural rubber latex
- 1-way valve allows exhaled air to exit mask
- Available in 4 convenient sizes

Infant Mask
Item Code 1291
Packaged 10 to a case.

Small Mask
Item Code 1292
Packaged 10 to a case.

Medium Mask
Item Code 1293
Packaged 10 to a case.

Large Mask
Item Code 1294
Packaged 10 to a case.

POCKET PEAK PEAK FLOW METER

The POCKET PEAK peak flow meter meets NAEPP and NHLBI standards/guidelines.

- Reusable plastic mouthpiece attaches to unit for secure storage
- Universal 50 to 720 lpm range is convenient, compact and easy to use for adult/child/adolescent patient population
- Durable, sliding zone indicators encourage patient compliance
- Colorful integrated markers allow patients to easily monitor changes in air flow
- Ergonomically designed plastic housing and tempered stainless steel vane are dishwasher safe

POCKET PEAK® PEAK FLOW METER
Item Code 1801
Packaged 12 to a case.

DISPOSABLE CARDBOARD MOUTHPIECE
Item Code 1805
- 30 mm ID
Packaged 100 to a case.
The Gibeck Humid-Flo 72-Hour Integrated Kit provides clinicians everything they need to start passive humidification and promote best practices in accordance with AARC guidelines to reduce the risk of Ventilator-Associated Pneumonia (VAP).

**GIBECK® HUMID-FLO® HEAT & MOISTURE EXCHANGER**

The exclusive design of the Gibeck Humid-Flo HME allows it to remain in-line during the first 72 hours of mechanical ventilation, even during aerosol treatments.

- Reduces circuit breaks aiding clinician adherence to clinical guidelines regarding infection control practices
- Protects caregivers from exposure to depressurizing circuit spray
- Allows for the delivery of SVN or MDI aerosols
- Reduces the need to routinely interrupt ventilation, therefore maintains positive-end expiratory pressure
- Hygroscopic bacteriostatic microwell paper media provide optimal moisture output with low resistance to flow

*Individually packaged, 25 to a case.*

**GIBECK HUMID-FLO HEAT & MOISTURE EXCHANGER**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>TV RANGE (mL)</th>
<th>MOISTURE OUTPUT (mg H₂O/L)</th>
<th>WEIGHT (g)</th>
<th>RESISTANCE (cmH₂O)</th>
<th>DEAD SPACE (mL)</th>
<th>CASE QUANTITY</th>
</tr>
</thead>
</table>
| 19912     | Gibeck Humid-Flo HME| 250-1500      | 30.4, Vt = 1.0 L            | 43         | HME: 1.5 cm H₂O @ 60LPM  
Aerosol: 0.90 cm H₂O @ 60LPM | 57             | 25             |

**GIBECK HUMID-FLO 72-HOUR INTEGRATED KITS**

Verified as an integrated kit that can be used for 3 days with the same high performance and safety specifications as the selected components, the Gibeck Humid-Flo 72-Hour Integrated Kit reduces the frequency of ventilator circuit breaks by allowing all components to remain in-line during the first 72 hours of mechanical ventilation.

- Promotes best practices for VAP risk reduction
- Reduces the need to stock multiple SKUs
- Saves the clinician valuable time during setups
- Saves time for those ordering the kit
- Eliminates the hidden costs of buying components separately
- Available in a variety of different configurations
### Gibeck® Humid-Flo® 72-Hour Integrated Kit

1. Gibeck Humid-Flo Heat & Moisture Exchanger
2. SOFTFLEX™ Tube
3. Dual-Spray MDI Adaptor
4. In-Line Neb Tee with Valve
5. Protective Ventilator Cover
6. Breathing Circuit
7. Main Flow Bacterial/Viral Filter
8. Iso-Gard® HEPA Light Filter

#### Gibeck HUMID-FLO 72-HOUR INTEGRATED KITS

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>GIBECK HUMID-FLO HME (ITEM CODE 19912)</th>
<th>BREATHING CIRCUIT (ITEM CODE 1607)</th>
<th>ISO-GARD HEPA FILTER (ITEM CODE 28022)</th>
<th>BACTERIAL/ VIRAL FILTER (ITEM CODE 1605)</th>
<th>IN-LINE NCB TEE (ITEM CODE 1743)</th>
<th>MDI ADAPTOR (ITEM CODE 1759)</th>
<th>FLEX TUBE (ITEM CODE 1800402)</th>
<th>VENT COVER</th>
<th>CASE QUANTITY</th>
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</tbody>
</table>
**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.**

**GIBECK® HUMID-VENT® HEAT & MOISTURE EXCHANGERS**

**HUMID-VENT MINI**

Designed specifically for neonatal patients.

- Standard 15 mm ID x 15 mm OD connector
- Provides over 30 mg H₂O/L @ Vt 20 mL
- Only 2.4 mL of added dead space
- Sterile

*Individually packaged, case quantities listed below.*

**HUMID-VENT 1**

The Humid-Vent 1 is the original, disposable, in-line HME.

- Available in 2 configurations, with and without CO₂ port
- Recommended for tidal volumes between 50 mL and 600 mL
- Offers low resistance to flow

*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 anesthesia applications.

- Recommended for tidal volumes between 150 mL and 1500 mL
- Transparent housing provides excellent visibility
- Very low resistance to flow

- Humid-Vent 2S Flex configurations include permanently attached 15-mm ID Smooth-Flo® tube with rigid patient connector
- Item Code 17731 is provided sterile for head and neck surgery

*Individually packaged, case quantities listed below.*

---

**GIBECK HUMID-VENT HME**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>TV RANGE (ML)</th>
<th>MOISTURE OUTPUT (MG H₂O/L)</th>
<th>WEIGHT (G)</th>
<th>RESISTANCE (CM H₂O)</th>
<th>DEAD SPACE (ML)</th>
<th>CASE QUANTITY</th>
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<tbody>
<tr>
<td>10011</td>
<td>HUMID-VENT Mini</td>
<td>15-50</td>
<td>30, Vt = 20 mL</td>
<td>4.5</td>
<td>0.9, 10 lpm</td>
<td>2.4</td>
<td>30</td>
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<td>11112</td>
<td>HUMID-VENT 1</td>
<td>50-600</td>
<td>30.5, Vt = 0.2 L</td>
<td>9.4</td>
<td>0.3, 20 lpm</td>
<td>10</td>
<td>50</td>
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<td>11132</td>
<td>HUMID-VENT 1 port</td>
<td>50-600</td>
<td>30.5, Vt = 0.2 L</td>
<td>11.6</td>
<td>0.3, 20 lpm</td>
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<td>25</td>
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<tr>
<td>13312</td>
<td>HUMID-VENT 2 port</td>
<td>150-1500</td>
<td>28, Vt = 0.6 L</td>
<td>20.9</td>
<td>0.8, 60 lpm</td>
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<td>20</td>
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<tr>
<td>14412</td>
<td>HUMID-VENT 2S</td>
<td>150-1500</td>
<td>28, Vt = 0.6 L</td>
<td>19.8</td>
<td>0.8, 60 lpm</td>
<td>29</td>
<td>20</td>
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<tr>
<td>17731</td>
<td>HUMID-VENT 2S Flex-sterile</td>
<td>250-1500</td>
<td>28, Vt = 0.6 L</td>
<td>26.4</td>
<td>0.8, 60 lpm</td>
<td>54</td>
<td>20</td>
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<tr>
<td>17732</td>
<td>HUMID-VENT 2S Flex-clean</td>
<td>250-1500</td>
<td>28, Vt = 0.6 L</td>
<td>26.4</td>
<td>0.8, 60 lpm</td>
<td>54</td>
<td>20</td>
</tr>
</tbody>
</table>
GIBECK® HUMID-VENT®
HEAT & MOISTURE EXCHANGER/FILTERS

The Humid-Vent combined filter/HME product line offers solutions to meet the needs of both anesthesia and intensive care.

- Bidirectional filtration offers both patient and equipment protection from airborne pathogens

HUMID-VENT FILTER PEDI

- Combined filter/HME for children weighing 16-80 lbs
- Ideal for ICU and anesthesia use
- Bacterial efficiency 99.9999%; viral efficiency 99.99+%

HUMID-VENT FILTER SMALL

- Extremely small combined filter/HME for tidal volumes of 150-1000 mL
- Only 27 mL of dead space with 30 mg/L moisture output at 500-mL tidal volume
- Bacterial efficiency 99.9999%; viral efficiency 99.99+%
The Trach-Vent HME and accessory products are designed specifically for tracheostomized or intubated, spontaneously breathing patients.

### GIBECK® TRACH-VENT® HEAT & MOISTURE EXCHANGERS

#### TRACH-VENT HME
- Recommended for tidal volumes of 50 mL and above
- For use on both pediatric and adult patients
- Weighs only 4.0 g with 10 mL of dead space
- Trach-Vent holder conveniently attaches Trach-Vent to tracheostomy or endotracheal tube, allowing it to be removed and replaced easily during suctioning or change-out
- Oxy-Vent® snaps over Trach-Vent to allow delivery of supplemental oxygen

#### TRACH-VENT HOLDER
- Item Code 41112
  - Individually packaged, 50 to a case.

#### OXY-VENT WITH TUBING
- Item Code 45512
  - Includes supplemental oxygen tubing and OXY-VENT adaptor
  - Individually packaged, 10 to a case.

#### STARTER KIT
- Item Code 41172
  - 3 Trach-Vent HMEs
  - 1 Oxy-Vent
  - 1 Trach-Vent Holder
  - Individually packaged, 6 kits to a case.

#### TRACH-VENT+ HME
- Item Code 41312
  - 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 g
  - Individually packaged, 50 to a case.
PASSIVE HUMIDIFICATION & FILTRATION

AQUA+ HCHs

AQUA+ HCH

The Aqua+ HCH line uses a fiber-free, cellular, hygroscopically treated media and is available in a variety of configurations to meet a wide range of clinical needs.

- Aqua+ T and TS models, designed for spontaneously breathing tracheostomy patients, include built-in supplemental oxygen port
- Aqua+ TS includes port for convenient suctioning
- Aqua+ Flex utilizes a 1-piece construction with flexible tubing to aid in patient positioning
- Aqua+ N is ideal for neonate and infant patients
- Aqua+ 1HS and Aqua+ are designed for most adult and pediatric applications

Individually packaged, case quantities listed below.

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>TV RANGE (ML)</th>
<th>MOISTURE OUTPUT (MG H₂O/L)</th>
<th>WEIGHT (G)</th>
<th>RESISTANCE (CM H₂O)</th>
<th>DEAD SPACE (ML)</th>
<th>SAMPLING PORT</th>
<th>FILTER</th>
<th>CASE QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1570</td>
<td>AQUA+ Flex</td>
<td>300-1500</td>
<td>30, Vt = 0.5 L</td>
<td>16</td>
<td>2.8, 60 lpm</td>
<td>54</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1571</td>
<td>AQUA+</td>
<td>150-1000</td>
<td>28, Vt = 0.5 L</td>
<td>11</td>
<td>2.6, 60 lpm</td>
<td>24</td>
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<tr>
<td>1572</td>
<td>AQUA+ N</td>
<td>10-50</td>
<td>30, Vt = 25 mL</td>
<td>3.5</td>
<td>1.8, 15 lpm</td>
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<tr>
<td>1573</td>
<td>AQUA+ T</td>
<td>75-1000</td>
<td>24, Vt = 0.5 L</td>
<td>5.5</td>
<td>0.2, 60 lpm</td>
<td>15</td>
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<td>1574</td>
<td>AQUA+ TS</td>
<td>75-1000</td>
<td>24, Vt = 0.5 L</td>
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<td>0.2, 60 lpm</td>
<td>15</td>
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<tr>
<td>1575</td>
<td>AQUA+ FH</td>
<td>350-1500</td>
<td>31, Vt = 0.5 L</td>
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<td>1.6, 60 lpm</td>
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<tr>
<td>1576</td>
<td>AQUA+ H</td>
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<td>0.7, 60 lpm</td>
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<td>1578</td>
<td>AQUA+ FHY</td>
<td>350-1500</td>
<td>31, Vt = 0.5 L</td>
<td>49</td>
<td>1.6, 60 lpm</td>
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<tr>
<td>1579</td>
<td>AQUA+ HY</td>
<td>350-1500</td>
<td>30, Vt = 0.5 L</td>
<td>48</td>
<td>0.7, 60 lpm</td>
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<td>1581</td>
<td>AQUA+ 1 H</td>
<td>200-1400</td>
<td>30, Vt = 0.5 L</td>
<td>15</td>
<td>1.9, 60 lpm</td>
<td>31</td>
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<td>1582</td>
<td>AQUA+ 2FH</td>
<td>100-500</td>
<td>30, Vt = 0.25 L</td>
<td>13</td>
<td>2.5, 30 lpm</td>
<td>24</td>
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<tr>
<td>1583</td>
<td>AQUA+ 2H</td>
<td>100-800</td>
<td>29, Vt = 0.5 L</td>
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<td>1.9, 60 lpm</td>
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<td>AQUA+ 3FH</td>
<td>80-400</td>
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<td>2.5, 30 lpm</td>
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<td>1589</td>
<td>AQUA+ 1HS</td>
<td>200-1400</td>
<td>30, Vt = 0.5 L</td>
<td>14</td>
<td>1.9, 60 lpm</td>
<td>28</td>
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</table>

AQUA+ SWIVEL HCH

The Aqua+ swivel allows 360° of flexibility in positioning the patient and HCH, minimizing torque.

- Available in filtered and unfiltered versions
- Includes integral gas sampling port and sampling-line holder
- Aqua+ FHY and HY incorporate built-in patient wye

AQUA+ 1-2-3

All versions have angled patient connections and include a CO₂-monitoring port to eliminate the need for separate gas-sampling elbow

- Available in filtered and unfiltered versions

Individually packaged, case quantities listed above.
Hudson RCI offers flex tubes to meet a variety of clinical needs in ICU and anesthesia settings.

**FLEX TUBES**

**SMOOTH-FLO® FLEX**

*Item Code 20011*
- Supplied sterile, ideal for head and neck surgery
- 15 mm ID and 15 mm OD rigid connectors on ends
- 30 mL of dead space

*Individually packaged, 20 to a case.*

**EXPANDI FLEX**

*Item Code 22362*
- Lightweight positionable flex tube with rigid connectors
- 15 mm ID x 15 mm OD connectors
- Adjustable length, 95-155 mm
- Dead space is 14 mL collapsed, 30 mL expanded

*Individually packaged, 25 to a case.*

**SOFTFLEX**

*Item Code 1800402*
- Extremely light and flexible tube
- 22 mm ID x 15 mm ID tubing connectors
- 31 mL of dead space

*Packaged 100 to a case (10 bags of 10).*

**SOFTFLEX WITH RIGID CONNECTOR**

*Item Code 1800404*
- Same tube as Item Code 1800402 but with rigid 15-mm ID patient connector

*Packaged 100 to a case (10 bags of 10).*
PASSIVE HUMIDIFICATION & FILTRATION

FLEX TUBE AND HME COMBINATIONS

A wide variety of convenient prepackaged flex tube/HME combinations are available to meet a variety of humidification and patient needs.

• Each combination includes 1 HME and 1 flex tube

Individually packaged, case quantities listed below.

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>FLEX TUBE ITEM CODE</th>
<th>HME ITEM CODE</th>
<th>CASE QUANTITY</th>
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<tr>
<td>1590</td>
<td>1800402</td>
<td>1589</td>
<td>30</td>
</tr>
<tr>
<td>G1441-BKH</td>
<td>1800402</td>
<td>14412</td>
<td>20</td>
</tr>
<tr>
<td>19932-BKH</td>
<td>1800402</td>
<td>19932</td>
<td>20</td>
</tr>
<tr>
<td>19402-BKH</td>
<td>1800402</td>
<td>19402</td>
<td>25</td>
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</tbody>
</table>

1590
G1441-BKH
19932-BKH
19402-BKH
Gibeck ISO-GARD Filters are HEPA Class 13 and are the premium choice for airway protection.

**GIBECK® ISO-GARD® FILTERS**

Iso-Gard Hepa and Depth Filter Systems offer bidirectional bacterial/viral filtration for cross-contamination protection of patient, equipment and caregiver.

- Suitable for use on pediatric to adult patients

**ISO-GARD HEPA LIGHT**

Iso-Gard Hepa Light is an advanced, highly hydrophobic bacterial/viral filter, HEPA class 13.

- Bacterial/Viral filtration efficiency of 99.9999+%
- Item Code 28002 includes gas sampling port with 22 mm ID/15 mm OD x 22 mm OD/15 mm ID connectors
- Item code 28012 has 22 mm ID x 22 mm OD/15 mm ID connectors
- May be used as an HME (see moisture output on chart)

Individually packaged, 20 to a case.

**ISO-GARD HEPA SMALL**

Uses the same, proven bidirectional 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 pediatric patients in anesthesia 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

Individually packaged, 20 to a case.

**ISO-GARD FILTERS**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>TV RANGE (ML)</th>
<th>MOISTURE OUTPUT (MG H₂O/L)</th>
<th>WEIGHT (g)</th>
<th>RESISTANCE (CM H₂O)</th>
<th>DEAD SPACE (ML)</th>
<th>CASE QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>28002</td>
<td>HEPA Light with port</td>
<td>300-1200</td>
<td>25.8, Vₜ = 0.5 L</td>
<td>38</td>
<td>2</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>28012</td>
<td>HEPA Light</td>
<td>300-1200</td>
<td>25.8, Vₜ = 0.5 L</td>
<td>37</td>
<td>2</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>28022</td>
<td>HEPA Light Machine</td>
<td>300-1200</td>
<td>25.7, Vₜ = 0.5 L</td>
<td>34</td>
<td>1.6</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>28052</td>
<td>HEPA Small, angled</td>
<td>150-800</td>
<td>25, Vₜ = 0.25 L</td>
<td>23</td>
<td>2.3</td>
<td>31</td>
<td>25</td>
</tr>
<tr>
<td>28062</td>
<td>HEPA Small, straight</td>
<td>150-800</td>
<td>25, Vₜ = 0.25 L</td>
<td>23</td>
<td>2.3</td>
<td>29</td>
<td>25</td>
</tr>
</tbody>
</table>
ISO-GARD® DEPTH FILTER

The Iso-Gard Depth Filter is a hydrophobic, electrostatic bacterial/viral filter for use on the patient end of circuit when an HME is not required.

**Item Code 19212**
- 22 mm ID/15 mm OD x 22 mm OD/15 mm ID
- Bacterial efficiency 99.9999%; viral efficiency 99.99+%
- Weight is 22 g; dead space is 26 mL
- Resistance is 2.0 cm H₂O, 60 lpm
- Individually packaged, 25 to a case.

FILTERS

These disposable bacterial/viral filters use a nonconductive, naturally hydrophobic filter media to address a wide variety of clinical applications.

MAIN FLOW BACTERIAL/VIRAL FILTER

**Item Code 1605**
- 22 mm ID x 15 mm ID/22 mm OD
- Bacterial efficiency 99.999+%; viral efficiency 99.99+%
- Dead space is 42 mL
- Flow resistance approximately 1.5 cm H₂O at 60 lpm
- Individually packaged, 50 to a case.

PULMONARY FUNCTION BACTERIAL/VIRAL FILTER

**Item Code 1603**
- 30 mm ID x 30 mm OD
- Individually packaged, 50 to a case.

VENTILATOR MAIN LINE FILTER KIT

The Main Line Filter Kit is used to connect main-flow supply from ventilator to heated humidifier.

**Item Code 1606**
- Convenient configuration incorporates Item Code 1605
- Individually packaged, 30 to a case.

AQUA+F BACTERIAL/VIRAL FILTER

The AQUA+F Bacterial/Viral Filter is for adult applications where a filter is desired between the patient and circuit.

**Item Code 1577**
- 15 mm ID/22 mm OD patient connection
- Tidal volumes from 350-1500 mL
- 99.9%+ bacterial/viral efficiency
- Includes integral gas sampling port
- 360° swivel design aids positioning and minimizes torque
- Individually packaged, 20 to a case.
OXYGEN THERAPY
AEROSOL THERAPY
PASSIVE HUMIDIFICATION & FILTRATION
ACTIVE HUMIDIFICATION & BREATHING CIRCUITS
RESUSCITATION BAGS
INCENTIVE SPIROMETERS
ADAPTORS & CONNECTORS
ConchaTherm® Neptune® Heated Humidifier

ConchaTherm Neptune is a heated humidifier with adjustable airway temperature and temperature gradient control, which allow for customized treatment—maximizing humidity delivered while minimizing circuit condensation.

CONCHATHERM NEPTUNE
HEATED HUMIDIFICATION SYSTEM

ConchaTherm Neptune offers the utmost in simplicity, while providing the option to make adjustments and customize settings in response to unique patient or environmental challenges or in keeping with hospital protocols.

- Can be safely used across the continuum of care, from neonates to adults
- Uses the safe, convenient Concha®-Column and prefilled sterile water reservoir system
- Compatible with Hudson RCI heated-wire breathing circuits
- Adjustable temperature and temperature gradients to control circuit condensation
- Designed for invasive and noninvasive applications, including noninvasive ventilation, Heated Humidified High Flow Nasal Cannula Therapy (HH-HFNCT) and Continuous Positive Airway Pressure (CPAP)
- Intuitive user interface
- High ventilator output mode compensates for high outlet temperatures and challenging modes of ventilation
- Displays and regulates to the desired patient airway temperature

ACTIVE HUMIDIFICATION & BREATHING CIRCUITS

ConchaTherm® Neptune® Heated Humidifier

Control Panel
Displays source of alarm to facilitate troubleshooting

Temperature
Gradient Control

Adjustable patient airway temperature

Power On/Off
Press and Hold

Mode Selection
NIV or Invasive

Pause

Accept

CONCHATHERM NEPTUNE
HEATED HUMIDIFICATION SYSTEM

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>CASE QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>425-00</td>
<td>ConchaTherm Neptune heated humidifier</td>
<td>1</td>
</tr>
<tr>
<td>395-90</td>
<td>ConchaTherm Neptune right-angle dual temperature probe</td>
<td>1</td>
</tr>
<tr>
<td>395-99</td>
<td>ConchaTherm Neptune straight dual temperature probe</td>
<td>1</td>
</tr>
<tr>
<td>386-81</td>
<td>Reservoir bracket</td>
<td>1</td>
</tr>
<tr>
<td>425-99</td>
<td>Diagnostic probe kit</td>
<td>1</td>
</tr>
</tbody>
</table>
The Comfort Flo Humidification system allows for the safe and effective delivery of heated, humidified oxygen therapy to a broad range of patients. The disposable delivery system and line of specialty cannulas allow flow rates ranging from 1 to 40 lpm. For use with the ConchaTherm® Neptune® heated humidifier.

- Provides continuous flow to spontaneously breathing patients neonate through adult
- Unique Comfort Flo Concha®-Column maintains constant water level for maximum humidification at all flows
- Sterile column and prefilled water reservoir with aseptic puncture spike connections
- ConchaTherm Neptune’s adjustable airway temperature and gradient control allows for customization of therapy to enhance patient comfort and minimize condensation
- Soft, comfortable nasal cannula sold separately

**COMFORT FLO HUMIDIFICATION SYSTEM**

**HIGH FLOW NASAL CANNULA THERAPY**

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION/SIZE</th>
<th>CASE QUANTITY</th>
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</thead>
<tbody>
<tr>
<td>2410</td>
<td>Comfort Flo Humidification System*</td>
<td>20</td>
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<tr>
<td>2414</td>
<td>Comfort Flo Humidification System† with remote temperature port extension</td>
<td>20</td>
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<tr>
<td>2411-01</td>
<td>Nasal cannula – adult</td>
<td>25</td>
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<tr>
<td>2411-02</td>
<td>Nasal cannula – pediatric</td>
<td>25</td>
</tr>
<tr>
<td>2411-03</td>
<td>Nasal cannula – infant</td>
<td>25</td>
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<tr>
<td>2411-04</td>
<td>Nasal cannula – premature</td>
<td>25</td>
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<tr>
<td>381-50</td>
<td>1650-mL sterile water reservoir</td>
<td>6</td>
</tr>
</tbody>
</table>

*System includes circuit, column, supply tubing, 5-psi system pressure relief valve and tubing adapter. Water and nasal cannula sold separately.

†System includes circuit with remote port, column, supply tubing, 5-psi system pressure relief valve and tubing adapter. Water and nasal cannula sold separately.
CONCHATHERM® PRODUCTS

CONCHAPAK®
Self-contained system for use with ConchaTherm heaters includes sterile water reservoir and choice of standard, low compliance or minimal compliance Concha-Column®.

- Safe, reliable gravity-feed system provides uninterrupted water flow
- Easy reservoir and column replacement
- Standard and low compliance columns available with 2 vertical or 1 vertical and 1 right-angle port
- Minimal compliance column has 1 vertical and 1 45˚-angle port
- Columns available in a variety of configurations, including packaged individually, with Concha Reservoir and with Hudson RCI Breathing Circuit

CONCHA®-COLUMNS
ConchaTherm standard and low compliance columns are available with either vertical or right-angle ports. Minimal compliance column is available with a 45˚-angle port only and a built-in temperature monitoring port. Temperature probe port on the cap facilitates temperature control.

Low Compliance Columns
Item Code 382-30
- Compressible volume: 248 mL
- Compliance: 0.25 mL/cm H₂O
- Available in configurations with Concha Reservoir
- Available in configurations with Hudson RCI breathing circuits
Individually packaged, 48 to a case.

Standard Columns
Item Code 382-70
- Compressible volume: 103 mL when reservoir is full, 268 mL when reservoir is at replace mark
- Compliance is variable upon water level
- Available in configurations with Concha Reservoir
- Available in configurations with Hudson RCI breathing circuits
Individually packaged, 48 to a case.

Minimal Compliance Column
- Compressible volume is constant at 109 mL

CONCHA RESERVOIR
Item Code 381-50
The Concha Reservoir is a self-contained plastic bottle with sterile water for inhalation.

- For use exclusively with ConchaTherm heaters
- Features unique sterile water packaging and connections, reducing the risk for errors
- Available in configurations with Concha-Column
Individually packaged, 6 to a case.

Hudson RCI offers a suite of ventilation management accessories to promote patient safety and clinician efficiency. These products include ventilator circuits that support AARC clinical practice guidelines and Concha-Columns that support a wide range of therapeutic strategies.
RESERVOIR AND COLUMN CONFIGURATIONS

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>440 ML</th>
<th>760 ML</th>
<th>1650 ML</th>
<th>STANDARD COLUMN</th>
<th>LOW-COMPLIANCE COLUMN</th>
<th>VERTICAL PORTS</th>
<th>RIGHT-ANGLE PORT</th>
<th>MINIMAL COMPLIANCE COLUMN</th>
<th>CASE QUANTITY</th>
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<tbody>
<tr>
<td>381-52</td>
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CIRCUITS WITH COLUMN KITS

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<thead>
<tr>
<th>CAT NO.</th>
<th>COLUMN</th>
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</thead>
<tbody>
<tr>
<td>780-32KIT</td>
<td>Low Compliance</td>
</tr>
<tr>
<td>780-35KIT</td>
<td>Low Compliance</td>
</tr>
<tr>
<td>780-36KIT</td>
<td>Low Compliance</td>
</tr>
<tr>
<td>780-20KIT</td>
<td>Standard Compliance</td>
</tr>
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CIRCUIT MATRIX KEY:
D = DUAL LIMB, S = SINGLE LIMB, H-IL = HEATED INSPIRATORY LIMB, H-EL = HEATED EXPIRATORY LIMB, IL-TRAP = INSPIRATORY LIMB WATER TRAP, EL-TRAP = EXPIRATORY LIMB WATER TRAP, RTP = REMOTE TEMPERATURE MONITORING PORT, PMT = PRESSURE MONITORING TUBING, H-LIMB = HUMIDIFIER LIMB
### HUDSON RCI® BREATHING CIRCUITS

Designed with safety in mind, Hudson RCI breathing circuits are available in a variety of configurations. Regardless of your hospital protocol, we have a circuit to meet your needs.

- Proprietary stranded wire technology enhances circuit safety and durability
- Designed to provide optimal humidification, while minimizing condensation in inspiratory and expiratory limbs

#### ADULT CONVENTIONAL CIRCUITS

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#### ADULT HEATED WIRE CIRCUITS

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#### PEDIATRIC CONVENTIONAL CIRCUITS

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HME: Humidification Mask Exhalation
NPPV: Non-Invasive Positive Pressure Ventilation
### PEDIATRIC HEATED WIRE CIRCUITS

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**CIRCUIT MATRIX KEY**

D = Dual Limb, S = Single Limb, Tubing = Diameter, H-IL = Heated Inspiratory Limb, H-EL = Heated Expiratory Limb, IL-Trap = Inspiratory Limb Water Trap, EL-Trap = Expiratory Limb Water Trap, RTP = Remote Temperature Monitoring Port, PMT = Pressure Monitoring Tubing, H-LIMB = Humidifier Limb, TPA = Separate Temperature Probe Adaptor
Adult Conventional Circuits

Hudson RCI® Adult conventional (non-heated) ventilator circuits are available in a variety of different configurations and styles.

- Adult Ventilator circuits incorporate standard connectors for use with a variety of ventilators
- Ported wyes allow pressure sensing and temperature monitoring and include tethered caps
- All adult conventional circuits are 72 inches long
- Individually packaged 10 per case, except as noted.

**Item Code 1607**
- Standard ventilator circuit
- Straight connector inspiratory limb (for use with HMEs only)

**Item Code 1608**
- Standard ventilator circuit
- Includes humidifier limb

**Item Code 1609**
- Circuit with in-line water traps
- Includes humidifier limb

**Item Code 1617**
- Circuit with 1/8 in. and 1/4 in. I.D. pressure monitoring tubing and separate water traps

**Item Code 1698**
- NPPV Circuit
- Single limb
Adult Heated-Wire Circuits

Hudson RCI® Adult Heated-Wire ventilator circuits are available in a variety of different configurations and styles.

- Adult Ventilator circuits incorporate standard connectors for use with a variety of ventilators
- Adult heated-wire circuits are designed for use with ConchaTherm® Neptune® heated humidifiers.
- Ported wyes allow pressure sensing and temperature monitoring and include tethered caps
- All adult heated-wire circuits are 60-inches long
- Individually packaged 10 per case, except as noted

**Item Code 780-31**
- Standard circuit with 1/8 in. and 1/4 in. I.D. pressure monitoring tubing
- Heated inspiratory limb
- Available with Low Compliance Concha®-Column, item code 780-31KIT

**Item Code 780-32**
- Standard circuit with 1/8 in. and 1/4 in. I.D. pressure monitoring tubing
- Dual heated limbs
- Available with Low Compliance Concha Column, item code 780-32KIT

**Item Code 780-33**
- Circuit with heated inspiratory limb
- Expiratory limb water trap
- Includes humidifier limb
- Available with Low Compliance Concha-Column, item code 780-33KIT

**Item Code 780-34**
- Circuit with heated inspiratory limb
- Water traps assembled in both limbs
- Includes humidifier limb

**Item Code 780-35**
- Circuit with dual-heated limbs
- Includes humidifier limb
- Available with Low Compliance Concha-Column, item code 780-35KIT

**Item Code 780-36**
- Circuit with dual-heated limbs
- Water traps assembled in both limbs
- Includes humidifier limb
- Available with Low Compliance Concha-Column, item code 780-36KIT
Active Humidification & Breathing Circuits

Adult Heated Wire Circuits (Cont'd)

Item Code 780-98
- Single limb heated-wire NIV breathing circuit
- Includes pressure monitoring tube
- Available packaged with Standard Compliance Concha®-Column, item code 780-98KIT

Item Code 780-19
- Single-heated limb circuit accessory
- Includes humidifier limb and separate temperature probe adaptor
- Available packaged with Standard Compliance Concha-Column, item code 780-19KIT
- Individually packaged 20 to a case

Item Code 780-20
- Single-heated limb circuit accessory with separate temperature probe adaptor
- Available packaged with Standard Compliance Concha-Column, item code 780-20KIT
- Individually packaged 20 to a case
Pediatric Conventional Circuits

Pediatric ventilator circuits are available in a variety of configurations and styles.

- Circuits use 15 mm tubing, include two pressure lines, and incorporate standard 15mm and 22 mm connectors
- Ported wyes allow pressure and temperature monitoring and include tethered caps
- All pediatric circuits, heated-wire and conventional, are 60 inches long
- Individually packaged 20 to a case

**Item Code 780-21**
- Standard pediatric circuit
- Includes humidifier limb

**Item Code 780-22**
- Standard pediatric circuit
- Two separate water traps (one shown)
- Includes humidifier limb

Pediatric Heated Wire Circuits

Pediatric Heated Wire circuits are available in a variety of configurations and styles.

- Circuits are 60 inches long, unless noted
- Pediatric heated wire circuits are designed specifically for use with ConchaTherm* Neptune® heated humidifiers
- Individually packaged, 20 to a case

**Item Code 780-23**
- Circuit with heated inspiratory limb
- Separate water trap
- Includes humidifier limb

**Item Code 780-24**
- Circuit with dual-heated limbs
- Includes humidifier limb
- Available packaged with Low Compliance Concha-Column, item code 780-24KIT

**Item Code 780-30**
- 15mm single-heated limb circuit
Neonatal Conventional Circuits

Neonatal conventional (non-heated) ventilator circuits are available in a variety of configurations and styles.

- Circuits use 10 mm tubing, include two pressure lines, and incorporate standard 15 mm and 22 mm connectors
- Ported wyes allow pressure and temperature monitoring and include tethered caps
- All neonatal circuits, heated-wire and conventional, are 48 inches long, unless noted

- All neonatal circuits include a humidifier limb
- Neonatal conventional and heated-wire circuits are available with and without water traps
- *Individually packaged, 20 to a case*

**Item Code 780-10**
- Standard neonatal ventilator circuit with proximal temperature port and separate water traps

**Item Code 780-11**
- Standard neonatal ventilator circuit with proximal and 18-inch remote temperature ports and separate water traps

**Item Code 780-12**
- Standard neonatal circuit with assembled water traps
- Proximal and 18-inch remote temperature ports
Neonatal Heated Wire Circuits

Neonatal heated wire circuits are available in a variety of configurations and styles.

- Neonatal heated-wire circuits are designed for use with ConchaTherm® Neptune® heated humidifiers.
- All neonatal heated wire circuits are 48 inches long, unless noted
- Individually packaged, 20 to a case

Item Code 780-01
- Single heated inspiratory limb circuit
- Includes humidifier limb
- 60 inches long
- Available packaged with Standard Compliance Concha-Column, item code 780-01KIT

Item Code 780-08
- Circuit with dual-heated limbs
- Includes humidifier limb
- Available packaged with Low Compliance Concha-Column, item code 780-08KIT

Item Code 780-09
- Circuit with dual-heated limbs
- Includes humidifier limb
- 60 inches long
- Available packaged with Low Compliance Concha-Column, item code 780-09KIT

Item Code 780-13
- Circuit with heated inspiratory limb and expiratory water trap
- Proximal and 18-inch remote temperature ports

Item Code 780-14
- Circuit with heated inspiratory limb
- Proximal and 18-inch remote temperature ports
- Assembled water traps in both limbs
Neonatal Heated Wire Circuits (Cont’d)

**Item Code 780-15**
- Same as 780-14, but dual-heated limbs
- Available packaged with Low Compliance Concha®-Column, item code 780-15KIT

**Item Code 780-16**
- Circuit with heated inspiratory limb
- Proximal and 18-inch remote temperature ports
- Includes humidifier limb

**Item Code 780-17**
- Circuit with dual-heated limbs
- Proximal and 18-inch remote temperature ports
- Includes humidifier limb
- Available packaged with Standard Compliance Concha-Column, item code 780-17KIT

**Item Code 780-18**
- Circuit with dual-heated limbs
- Proximal and 18-inch remote temperature ports
- Includes humidifier limb
- 60 inches long
- Available packaged with Low Compliance Concha-Column, item code 780-18KIT

**Item Code 780-43**
The SMOOTH-FLO® circuit and minimal compliance column enhance humidification and gas delivery to infants and neonates in traditional modes of ventilation

- Minimal deadspace, low compressible volume, and low resistance to flow
- Swivel patient connector to lessen torque at airway
- Clear, smooth bore tubing
- 15 mm I.D. expiratory limb decreases resistance to flow
- Proximal and 18-inch remote temperature ports
- Includes humidifier limb
- Individually packaged 20 per case
OSMO™: MAINTENANCE-FREE WATER REMOVAL

OSMO is a universal solution that allows for maintenance-free water removal from the expiratory limb during mechanical ventilation.

- Inner cylinder design maximizes dwell time, allowing water to cool and condense
- Transparent body allows for visualization of water level
- Maximum water level indicator line indicates when replacement is needed
- Adaptors included allow for broad ventilator compatibility
- 2 sizes available
- Packaged individually or with heated-wire circuits

OSMO

Item Code 800-00
- Suitable for use on all patient types, neonatal to adult

OSMO WITH 10-MM HEATED-WIRE CIRCUIT

Item Code 800-18
- Packaged with Item Code 780-18 (Neonatal Heated Wire Breathing Circuit)

OSMO PLUS

Item Code 800-10
- Designed exclusively for adult applications
- Ideal choice for patients requiring prolonged acute mechanical ventilation

OSMO PLUS WITH 22-MM HEATED-WIRE CIRCUIT

Item Code 800-35
- Designed exclusively for adult applications
- Ideal choice for patients requiring prolonged acute mechanical ventilation

Packaged 10 to a case.
**ACTIVE HUMIDIFICATION & BREATHING CIRCUITS**

**IMV SYSTEMS**

**COMPLETE IMV SYSTEM**

Item Code 1652
- Includes a humidifier manifold, reservoir manifold, oxygen inlet, 3-L reservoir bag, an antisuffocation valve and 7-ft oxygen supply tubing
- This product contains natural latex rubber

*Individually packaged, 15 to a case.*

**BASIC IMV SYSTEM**

Item Code 1654
- Same as Item Code 1652, but without reservoir bag and oxygen tubing

*Individually packaged, 15 to a case.*

**VENTILATOR ACCESSORIES**

**UNIVERSAL IPPB CIRCUIT**

Item Code 1560
- Suitable for use with all IPPB machines
- Sensitive exhalation valve with clear cap for accurate view of valve function
- Expiratory flow diverter directs gas away from therapist and patient
- Complete with high-output nebulizer with 20-mL jar capacity, mouthpiece, 6-in and 39-in Corr-A-Flex tubing, multiple adaptor kit, and exhalation valve and nebulizer drivelines

*Individually packaged, 50 to a case.*

**VENTILATOR MONITORING ADAPTER CIRCUIT**

Item Code 1667
- Used for obtaining ventilation parameters
- Includes 6-in tube, tee, nipple adaptor, 15-mm/22-mm adaptor, 2 one-way valves

*Individually packaged, 50 to a case.*

**TRACH TEE OXYGENATOR**

Item Code 1668
- Includes oxygen nipple adaptor, aerosol tee and 6-in Corr-A-Flex tube

*Individually packaged, 50 to a case.*
CONCHATHERM® ACCESSORIES
TEMPERATURE PROBES
• Designed to monitor airway temperature and signal high- and low-temperature alarms
• High-accuracy, responsive thermistor probes are easily installed in ventilator circuit
• Water-resistant probe connections fit snugly in-line

Sold individually.

CONCHATHERM NEPTUNE® RIGHT-ANGLE DUAL TEMPERATURE PROBE
Item Code 395-90
• 64 in long
• Right angle proximal probe

Sold individually.

CONCHATHERM NEPTUNE STRAIGHT DUAL TEMPERATURE PROBE
Item Code 395-99
• 64 in long
• Straight-tip proximal probe designed for smaller pediatric/neonatal wyes

Sold individually.

CONCHATHERM TUBING ADAPTOR
Item Code 384-00
• Tapered fitting to 7 mm
• 15.5 mm ID/19 mm OD

Packaged 30 to a case.

CONCHA OXYGEN DILUTER
Item Code 384-26
• When used with ConchaTherm humidifier, allows delivery of heated, humidified oxygen at specific concentrations
• Adjustable 26% to 90%

Packaged 30 to a case.

CONCHA NEBULIZER ADAPTOR
Item Code 388-28
• When used with ConchaTherm humidifier, allows delivery of heated aerosol at specific oxygen concentrations
• Adjustable 28% to 90%

Packaged 30 to a case.
ACTIVE HUMIDIFICATION & BREATHING CIRCUITS

ADULT PROBE ADAPTER

Item Code 380-74
• Standard 22 mm OD x 22 mm ID connections
• Port accepts Concha temperature probes

*Packaged 24 to a case.*

CONCHATHERM® HOSE ADAPTOR

Item Code 384-10
• 5/16 in. barbed fitting
• 15.5mm I.D./19mm O.D.
• 30 to a case

CONCHA® MOUNTING BRACKETS

CONCHATHERM NEPTUNE®

Item Code 386-10
• Universal pole mount
• Bracket

Item Code 386-40
• Wall bracket

Item Code 386-58
• Drager Evita 2 & 4
• Ventilator bracket

Item Code 386-73
• Hill Rom
• Rail mounting bracket

Item Code 386-75
• Siemens ADVENT, PB, Respironics Esprit
• Ventilator bracket

Item Code 386-76
• LP6, LP10, PLV-100, PB COMPANION 2801
• Ventilator bracket
ConchaTherm™ humidifiers have multiple mounting capabilities and can be used with a variety of accessories.

**Item Code 386-82**
- Puritan-Bennett 840
- Ventilator bracket

**Item Code 386-88**
- Maquet Servo-i
- Ventilator bracket

**Item Code 386-81**
- Reservoir Bracket

**Item Code 386-79**
- Concha® Mini
- Reservoir bracket
ACTIVE HUMIDIFICATION & BREATHING CIRCUITS

CPAP HUMIDIFICATION PRODUCTS

CONCHATHERM® 2000

Designed to provide optimal humidification during mask CPAP and noninvasive ventilation.

- Easy-to-use, easy-to-assemble system is user configurable
- Basic system provides cold-passover humidity and can be upgraded with ConchaTherm 2000 heated humidifier, if desired

BASIC HUMIDIFICATION KIT

Item Code 500-10
- Includes components for cold-passover humidity
- Includes:
  - Item Code 500-20 (Chamber – Single Patient Use)
  - Item Code 500-50 (Inlet Tube – Single Patient Use)
  - Item Code 500-43 (Foldable Tray)

HEATED HUMIDIFIER

Item Code 500-00
- Features adjustable heater control, heater-on indicator

INLET TUBE

Item Code 500-60
- Autoclavable
- Sold individually

CONCHATHERM 2000 UNIVERSAL POLE BRACKET

Item Code 386-85
- Sold individually
REUSABLE CONCHATHERM® 2000 CHAMBERS

Chamber – Single Patient Use
Item Code 500-20
• Sold individually
Specially designed, refillable chambers feature:
• Threaded, removable stainless steel base
• Easy-fill port allows refilling without removal of tubing

Chamber – Autoclavable
Item Code 500-30
• Sold individually

DISPOSABLE CONCHATHERM 2000 CHAMBERS

Item Code 500-25
The Disposable CPAP Humidification Chamber is for use with the ConchaTherm 2000 humidification system. The chamber features an easy-fill port that allows for refilling without removal of the tubing.

10 per case, two chambers per package.
DISPOSABLE LIFESAVER® MANUAL RESUSCITATORS

LIFESAVER DISPOSABLE MANUAL RESUSCITATORS

The Lifesaver disposable manual resuscitators combine quality, features and performance.

- Designed to meet ISO resuscitation bag standards
- Unique right-angle O₂ tubing connector swivels 360°
- Does not contain natural rubber latex
- Includes Star-Lumen® tubing and universal oxygen connector

Individually packaged, 6 to a case.

Adult Resuscitation Bags

The adult resuscitation bags are available with a variety of options, including a capped pressure-monitoring port/60-cm pop-off valve style.

- All configurations include swivel flow diverter for connection of PEEP valve
- Available with optional PEEP valve, filter or manometer
- Available with optional PEEP valve or manometer

Pediatric and Infant Resuscitation Bags

All pediatric/child and infant/neonate bags include a capped pressure monitoring port and 40-cm pressure relief pop-off valve.

- All configurations include swivel flow diverter for optional connection of PEEP valve or manometer

Adult Foldable Resuscitation Bag

The foldable resuscitation bag incorporates the same great features as the standard Lifesaver adult bag and collapses for compact storage.

- Swivel flow diverter allows connection of PEEP valve
- Includes adult face mask (Item Code 1276)

Individually packaged in drawstring, tamper-evident bags, 6 to a case.
<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>MASK</th>
<th>TUBE RESERVOIR</th>
<th>BAG RESERVOIR</th>
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<th>FILTER</th>
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<th>POP-OFF VALVE</th>
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</table>
LIFESAVER® REUSABLE RESUSCITATORS

LIFESAVER REUSABLE RESUSCITATOR

- Autoclavable (except reservoir bag)
- Easy to assemble
- Collapsible for compact, convenient storage
- Nonrebreathing valve offers low resistance to both inspiratory and expiratory flows
- Adaptor (Item Code 1669) positioned between mask and bag, may be used for pressure or CO₂ monitoring
- Durable masks feature silicone construction
- Larger masks include clear rigid shell
- Sold individually

Adult Resuscitation Bags
Item Code 5340
- Mask and reservoir bag not included

Child Resuscitation Bags
Item Code 5341
- Mask and reservoir bag not included

Item Code 5346
- Includes mask, reservoir bag and reservoir valve assembly

Infant Resuscitation Bags
Item Code 5342
- Mask and reservoir bag not included

Item Code 5347
- Includes mask, reservoir bag and reservoir valve assembly

LIFESAVER REPLACEMENT PARTS

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
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<tr>
<td>5336</td>
<td>Expiratory flow diverter</td>
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<tr>
<td>51012</td>
<td>Intake valve housing</td>
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<tr>
<td>51008</td>
<td>Oxygen reservoir, 600 mL</td>
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<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>SIZE</th>
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<td>5190</td>
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<tr>
<td>5194</td>
<td>Small adult</td>
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<tr>
<td>5195</td>
<td>Large adult</td>
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</table>
**RUSCH® MANUAL RESUSCITATION BAGS**

The Rusch Manual Resuscitation Bag is fully assembled and is designed to provide quality, durability and dependability during emergency situations.

- Robust construction
- Fully collapsible for easy and convenient storage

*Individually packaged, 6 to a case.*

---

### RUSCH MANUAL RESUSCITATION BAGS

<table>
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<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>ADULT</th>
<th>PEDIATRIC</th>
<th>NEONATE</th>
<th>PEEP VALVE</th>
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<th>BAG RESERVOIR</th>
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### PEEP VALVES

**DISPOSABLE PEEP VALVE (30 mm)**

- Item Code 5385
  - Adjustable from 5 to 20 cm H₂O
  - ISO standard 30-mm ID connector

*Individually packaged, 10 to a case.*

---

**DISPOSABLE PEEP VALVE (22 mm)**

- Item Code 5383
  - Adjustable from 5 to 20 cm H₂O
  - ISO standard 22-mm ID connector
  - Attaches to any resuscitation bag flow diverter with a 22-mm connection

*Individually packaged, 10 to a case.*
The Hudson RCI® Hyperinflation Bag System is designed to provide controlled or assisted ventilation to neonatal and pediatric patients in the NICU and labor and delivery or during patient transport.

- High-quality, durable bag allows clinicians to feel the patient’s lung compliance
- Adjustable valve for fingertip control of system pressure
- Available with 7-ft Star-Lumen® oxygen tubing and 7-ft pressure tubing
- Item Code 2700-205 includes both neonate mask (Item Code 15800) and infant mask (Item Code 15802)
- Item Codes 5405, 5406, 5407 and 5408 come with oxygen supply tubing

Individually packaged, 20 to a case.

<table>
<thead>
<tr>
<th>ITEM CODE</th>
<th>DESCRIPTION</th>
<th>BAG SIZE</th>
<th>NON-LATEX</th>
<th>NEONATE MASK</th>
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<th>OXYGEN TUBING</th>
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<td>5406</td>
<td>Hyperinflation bag</td>
<td>0.5L</td>
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<tr>
<td>5407</td>
<td>Hyperinflation bag</td>
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<tr>
<td>5408</td>
<td>Hyperinflation bag</td>
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POCKETPAK RESUSCITATOR

The PocketPak emergency mask kit prevents mouth-to-mouth contact during resuscitation and fits standard manual resuscitators. The collapsible mask is easy to use and convenient to carry.

**Item Code 1187**
- Mask with pliable, clear dome to provide secure seal
- Capped port for delivery of supplemental oxygen
- Low-resistance valve and particle filter
- Foldable extension tube
- Packaged in a sturdy “clam shell” case, 4 masks to a convenient storage box

**ISOLATION VALVES AND KITS**

Hudson RCI® isolation valves and kits prevent mouth-to-mouth contact during emergency resuscitation. The disposable valve directs the rescuer’s breath to the patient while diverting exhalation away from the rescuer.

- Low-resistance duck-billed valve minimizes rescuer’s fatigue
- Patient connection swivels for easy positioning

**Isolation Valve**
**Item Code 1180**
- 22 mm ID x 22 mm OD/15-mm ID connections

**Filtered Isolation Valve**
**Item Code 1181**
- Same as Item Code 1180 but with pathogen filter

**Adult Kit**
**Item Code 1182**
- Isolation valve (Item Code 1180)
- Adult mask
- Mouthpiece

**Adult Filtered Kit**
**Item Code 1184**
- Filtered isolation valve (Item Code 1181)
- Adult mask
- Mouthpiece

**Child Filtered Kit**
**Item Code 1185**
- Filtered isolation valve (Item Code 1181)
- Child mask
- Mouthpiece

**Adult Filtered Kit**
**Item Code 1186**
- Filtered isolation valve (Item Code 1181)
- Adult mask
- Mouthpiece
- 6-in flexible tube
INCENTIVE SPIROMETERS

VOLDYNE® 5000

Item Code 8884719009
• Volume measurement up to 5000 mL accommodates large inspired volumes
• Good-Better-Best flow window
• Compact, ergonomic design
• Advanced, low work-of-breathing design

• Built-in handle
• Particulate filter screen in mouthpiece

Individually packaged, 12 to a case.

VOLDYNE 2500

Item Code 8884719025
• Volume measurement up to 2500 mL accommodates smaller inspired volumes
• Good-Better-Best flow window
• Compact, ergonomic design
• Advanced, low work-of-breathing design

• Built-in handle
• Particulate filter screen in mouthpiece

Individually packaged, 12 to a case.

PEDIATRIC VOLDYNE

Item Code 8884719017
• Volume measurement up to 2500 mL accommodates pediatric inspired volumes
• Colorful, child-oriented labeling to facilitate patient evaluation and use
• Pediatric-sized mouthpiece
• Compact, ergonomic design
• Advanced, low work-of-breathing design
• Built-in handle
• Includes fun puzzle/coloring book

Individually packaged, 12 to a case.
INCENTIVE SPIROMETERS

AIR-EZE® BREATHING EXERCISER

Item Code 8884715700
• Wide flow rate range from 200 to 1200 cc/sec
• Low resistance design
• Sliding incentive indicator

• Compact design

Individually packaged, 12 to a case.

TRIFLO® II INSPIRATORY EXERCISER

Item Code 8884717301
• Wide flow rate range from 600 to 1200 cc/sec
• 3 color-coded balls/3 chambers
• Minimum flow imprinted on each chamber

• Compact design and break-resistant plastic

Individually packaged, 12 to a case.

HUDSON RCI® LUNG VOLUME EXERCISER

Item Code 1750
• Wide flow rate range from 200 to 1200 cc/sec
• Adjustable, clearly marked flow settings
• Dual-chamber design creates constant resistance that lifts the ball when patient maintains inspiration equal to the selected inspiratory flow setting

Individually packaged, 10 to a case.

8884715700

8884717301

1750
OXYGEN THERAPY
AEROSOL THERAPY
PASSIVE HUMIDIFICATION & FILTRATION
ACTIVE HUMIDIFICATION & BREATHING CIRCUITS
RESUSCITATION BAGS
INCENTIVE SPIROMETERS
ADAPTORS & CONNECTORS
Hudson RCI offers an extensive line of adaptors and connectors, including elbows, wyes, tees and much more in a wide range of sizes and designs, to address your respiratory and anesthesia needs.

ADAPTORS AND CONNECTORS

TUBING ADAPTOR
Item Code 1640
- Standard 22 mm OD x 22 mm ID
Packaged 50 to a case.

1640

UNIVERSAL CUFF ADAPTOR
Item Code 1421
- Standard 22-mm ID connections
Packaged 50 to a case.

1421

NEBULIZER ADAPTOR
Item Code 1746
- 22 mm O.D. x 18 mm O.D.
Packaged 50 to a case.

1746

MULTI ADAPTOR
Item Code 1422
- Standard 15 mm ID/22 mm OD connections
Packaged 50 to a case.

1422

LARGE TUBING CONNECTOR
Item Code 1409
- Standard 22 mm OD x 22 mm OD connections
Packaged 50 to a case.

1409

22-MM ISO CUFF ADAPTOR
Item Code 1678
- 22mm ID/22mm OD connections
Packaged 50 to a case.

1678

SOFT CUFF ADAPTOR
Item Code 1663
- Approximately 21 mm ID x 19 mm ID
- Made of flexible material
Packaged 50 to a case.

1663

THERMOMETER ADAPTOR
Item Code 1645
- Standard 22 mm OD x 22 mm ID connections
- Port accepts CONCHA temperature probes
Packaged 50 to a case.

1645

TUBING ADAPTOR
Item Code 1423
- 22 mm ID x 5-7 mm tapered nipple
- Can be used with trach mask (item code 1075)
Packaged 50 to a case.

1423

PRESSURE LINE ADAPTOR
Item Code 1642
- 22 mm OD x 22 mm ID connections
- Elbow swivels 360°
Packaged 50 to a case.

1642

MONITORING ADAPTOR
Item Code 1669
- 15 mm OD x 15 mm ID/22 mm OD connectors
- Standard luer fitting
- Can be used with LIFESAVER® resuscitation bags
Packaged 50 to a case.
ADAPTOR WITH O₂ PORT
Item Code 9059
• Standard 22 mm OD x 22 mm ID connections
• Capped port
Packaged 250 to a case.

STEP-DOWN ADAPTOR
Item Code 1768
• 15 mm OD x 22 mm OD
Packaged 25 to a case.

TUBING CONNECTOR
Item Code 1420
• Couples oxygen supply tubing using 5- to 7-mm end connectors
Packaged 50 to a case.

STEP-DOWN ADAPTOR
Item Code 1769
• 15 mm OD x 22 mm ID
Packaged 50 to a case.

NIPPLE AND NUT ADAPTOR
Item Code 2555
• Hose adaptor for standard DISS oxygen outlets
Packaged 50 to a case.

NIPPLE AND NUT ADAPTOR
Item Code 2556
• Yellow
• For use in connecting tubing to standard D.I.S.S. outlets
Packaged 50 to a case.

NIPPLE AND NUT ADAPTOR
Item Code 2557
• Clear
• For use in connecting tubing to standard D.I.S.S. outlets
Packaged 50 to a case.
ADAPTORS & CONNECTORS

ELBOWS

PATIENT ELBOW ADAPTOR
Item Code 1623
• 15 mm OD x 15 mm ID/22 mm OD
Packaged 50 to a case.

ELBOW ADAPTOR
Item Code 1641
• Standard 22 mm ID x 22 mm OD
Packaged 50 to a case.

90 DEGREE ADAPTOR
Item Code 800-01
• 22 mm O.D. x 22 mm I.D.
Packaged 50 to a case.

VENTILATOR ADAPTOR
Item Code 1078
• Right-angle adaptor with a capped suction port
• 15 mm ID x 22 mm OD
Packaged 50 to a case.

PORTED ELBOW ADAPTOR
Item Code 1673
• Standard 22 mm ID/22 mm OD connections
• Accepts most temperature probes
Packaged 50 to a case.

GAS SAMPLING ELBOW
Item Code 1624
• 15 mm OD x 15 mm ID/22 mm OD
• Female luer lock connection swivels 360˚
Packaged 50 to a case.

NORMAN MASK ELBOW
Item Code 1632
• 15 mm OD x 15 mm ID/22 mm OD
• Elbow accepts 5- to 7-mm ID tubing, swivels 360˚
Packaged 50 to a case.

45 DEGREE ADAPTOR
Item Code 800-02
• 22 mm O.D. x 22 mm I.D.
Packaged 50 to a case.

CPAP ELBOW
Item Code 1682
• For use on infant nasal CPAP sets and systems
Packaged 50 to a case.

WYES

UNIVERSAL WYE CONNECTOR
Item Code 1660
• 22-mm OD tubing connections
• 15 mm ID/22 mm OD patient connection
• Airway pressure and temperature monitoring ports
Packaged 50 to a case.

WYE CONNECTOR
Item Code 1661
• Same as Item Code 1660 but without pressure monitoring port
Packaged 50 to a case.

WYE CONNECTOR
Item Code 1662
• Same as Item Code 1660 but without temperature and pressure monitoring ports
Packaged 50 to a case.
ADAPTORS & CONNECTORS

1674 ADULT NEAR PARALLEL WYE
Item Code 1674
• 22-mm OD tubing connections
• 15 mm ID/22 mm OD patient connection
• No ports
Packaged 50 to a case.

1675 ADULT NEAR PARALLEL WYE
Item Code 1675
• Temperature monitoring port
• 22-mm OD tubing connections
• 15 mm ID/22 mm OD patient connection
Packaged 50 to a case.

1424 SWIVEL CONNECTORS
SWIVEL OXYGEN TUBING CONNECTORS
The swivel oxygen tubing connectors enhance patient mobility and comfort by minimizing twisting and tangling of oxygen supply tubing connected to a nasal cannula.
• Provide exceptionally smooth, 360° rotation
• Available with optional clip to secure tubing to clothing or bedding

THERMOMETER

ITEM CODE DESCRIPTION CASE QUANTITY
1424 Male/Male 20
1425 Male/Female 20

1637 THERMOMETER WITH TEE ADAPTOR
Item Code 1637
• Combines Item Code 1635 and Item Code 1648
Packaged 50 to a case.

1635 THERMOMETER
Item Code 1635
• Clear housing with alcohol-based red liquid column
• Fahrenheit (50°-120°) and Celsius (10°-50°) scales
Packaged 50 to a case.

1647 THERMOMETER, THERMOMETER ADAPTOR
Item Code 1647
• Combines Item Code 1635 and Item Code 1645
Packaged 50 to a case.

390-45 AQUAPAK® 37 IN-LINE TEMPERATURE INDICATOR (°C)
Item Code 390-45
• 22 mm ID x 22 mm OD connections
Packaged 50 to a case.
ADAPTORS & CONNECTORS

ONE-WAY VALVES

ONE-WAY VALVE
Item Code 1664
• Low flow resistance
22 mm OD to
22 mm ID
Packaged 50 to a case.

ONE-WAY VALVE
Item Code 1665
• Low flow resistance
22 mm ID to
22 mm OD
Packaged 50 to a case.

ONE-WAY VALVE
Item Code 1666
• Assembled tee and
2 one-way valves
allow gas to flow in
only 1 direction
Packaged 50 to a case.

ONE-WAY VALVE
Item Code 1644
• Standard 22 mm
OD x 22 mm ID
connections
• Valve offers low
flow resistance
• Capped monitoring port
Packaged 50 to a case.

UNIDIRECTIONAL VALVED TEE
Item Code 1666
• Assembled tee and 2 one-way valves allow gas to flow in only 1 direction
Packaged 50 to a case.

WATER TRAPS

WATER TRAP
Item Code 1650
• 70-cc capacity
• 22 mm OD x 22 mm OD tubing connectors
• Self-sealing lid to ensure circuit patency
Packaged 50 to a case.

NEONATAL WATER TRAP
Item Code 1658
• 20- to 30-cc capacity
• Self-sealing lid to ensure circuit patency
Packaged 50 to a case.

O2 TUBING WATER TRAP
Item Code 1679
• Collects moisture that can accumulate in O2 tubing
• Accepts all standard and crush-resistant oxygen supply tubing
• Approximately 8-in long with a 1-in diameter
Packaged 10 to a case.
TEES

AEROSOL TEE CONNECTOR
Item Code 1648
• 22 mm OD x 15 mm ID/22 mm OD x 22 mm OD
Packaged 50 to a case.

AEROSOL TEE CONNECTOR
Item Code 1077
• Anti-spill design minimizes aspiration of liquids
• 22 mm OD x 15 mm ID/22 mm OD x 22 mm OD
Packaged 50 to a case.

NEBULIZER TEE CONNECTOR
Item Code 1638
• 22 mm OD x 18 mm ID/22 mm OD x 22 mm OD
• Port accepts most small volume nebulizers
Packaged 50 to a case.

NEBULIZER TEE CONNECTOR
Item Code 1639
• 22 mm OD x 18 mm ID x 22 mm ID
• Port accepts most small-volume nebulizers
Packaged 50 to a case.

VALVED TEES

VALVED NEBTEE
Item Code 1743
• 22 mm OD x 18 mm ID x 22 mm ID connections
• Tee may be left in line when nebulizer is removed
• Port accepts most small-volume nebulizers
Packaged 30 to a case.

VALVED NEBTEE
Item Code 1744
• 22 mm OD x 18 mm ID x 22 mm OD connections
• Tee may be left in line when nebulizer is removed
• Port accepts most small-volume nebulizers
Packaged 30 to a case.
ADAPTORS & CONNECTORS

MDI ADAPTORS

MDI ADAPTER
Item Code 1659
• 22 mm OD x 22 mm ID connections for in-line placement in 22-mm tubing
  Packaged 50 to a case.

MDI ADAPTER
Item Code 1751
• 15 mm OD x 15 mm ID connections for in-line placement in 15-mm tubing
  Packaged 50 to a case.

DUAL SPRAY MDI ADAPTER
Item Code 1759
• Bidirectional nozzle creates a chamber effect
• 22 mm OD x 22 mm ID connections
• Extended universal port
• Dual-spray nozzle directs plumes in both directions simultaneously
• Tethered cap
  Packaged 50 to a case.

NEONATAL ADAPTORS

NEONATAL PROBE ADAPTOR
Item Code 1763
• Standard 10-mm OD connections
• Accepts most probes and thermometers
  Packaged 50 to a case.

DRIVE LINE ADAPTOR
Item Code 1402
• 0.152-in OD connection
• 0.092-in ID connection
  Packaged 100 to a case.

NEONATAL ADAPTOR KIT
Item Code 1792
• Includes 18-mm nebulizer adapter; neonatal tee; and 12-in, 10-mm corrugated tubing
  Packaged 50 to a case.

CONCHATHERM® ADAPTOR

CONCHATHERM TUBING ADAPTOR
Item Code 384-00
• Tapered fitting up to 7 mm
• 15.5 mm ID/19 mm OD
• Designed to be used with Concha® heated humidifier
  Packaged 30 to a case.

CONCHATHERM HOSE ADAPTOR
Item Code 384-10
• 5/16-in barbed fitting
• 15.5 mm ID/19 mm O.D
• Designed to be used with Concha heated humidifier
  Packaged 30 to a case.
ADAPTORS & CONNECTORS

CONCHATHERM® OXYGEN DILUTER
Item Code 384-26
- Adjustable 26% to 90%
- When used with Concha® humidifier, allows delivery of heated humidity at specific oxygen concentrations
Packaged 30 to a case.

CONCHATHERM NEBULIZER ADAPTOR
Item Code 388-28
- Adjustable 28% to 90%
- When used with Concha humidifier, allows delivery of heated aerosol at specific oxygen concentrations
Packaged 30 to a case.

MISCELLANEOUS

PRESSURE LINE KIT
Item Code 5614
- 7-ft pressure line with luer-lock connectors
- Standard 22 mm ID x 22 mm OD adaptor
Packaged 50 to a case.

TRACHE TEE OXYGENATOR
Item Code 1668
- Allows administration of oxygen to endotracheal or tracheostomy tubes
- Includes oxygen nipple adaptor, aerosol tee and 6-in Corr-A-Flex® tube
Packaged 50 to a case.

VENTILATOR MONITORING ADAPTOR CIRCUIT
Item Code 1667
- Allows monitoring of ventilator weaning parameters in intubated patients
Packaged 50 to a case.

MOUTHPIECE
Item Code 1565
- Standard mouthpiece with 15 mm/22 mm OD connection
Packaged 50 to a case.

EXHALATION VALVE
Item Code 1643
- Includes drive line and hanger
Packaged 50 to a case.
DRAINAGE SYSTEMS

AEROSOL DRAINAGE SYSTEM
Item Code 1740
- Disposable drainage bag with tee adaptor accepts standard 22-mm ID corrugated tubing
- 750-cc bag capacity
- Self-locking plastic chain secures bag to a stable object
- Convenient drainage port

Individually packaged, 50 to a case.

AEROSOL DRAINAGE SYSTEM
Item Code 1742
- Disposable drainage bag with wye adaptor accepts standard 22-mm ID corrugated tubing
- 750-cc bag capacity
- Self-locking plastic chain secures bag to a stable object
- Convenient drainage port

Individually packaged, 50 to a case.

CYLINDERS/WRENCHES

SMALL CYLINDER WRENCH
Item Code 5080
- Made of die cast zinc
- Sold individually

LARGE CYLINDER WRENCH
Item Code 5082
- For larger cylinder regulators
- Made of rugged, anodized aluminum
- Sold individually

SMALL NYLON WRENCH
Item Code 5083
- Made of tough, stress-resistant nylon
- Sold individually