INTRODUCING THE BEAR!

The Bear is a new innovative delivery system for aerosol and oxygen therapy for children with asthma or other acute respiratory diseases.

Children are often frightened or apprehensive when they are having an asthma attack or are in respiratory distress. The Bear combines a recognizable, friendly toy with the ability to:

- Deliver medication from a standard nebulizer
- Provide oxygen - only therapy
- Calm the pediatric patient while providing effective and immediate therapy

A nebulizer and oxygen delivery line are included with each Bear to provide complete and easy assembly when time is of the essence.

The Bear is available in two bright colors: yellow and blue. Three of each color are individually packaged and included in a case of six Bears.

**Ordering Information**

| #EO-KBN-4300 | Case of 6 Bears (Three each Yellow and Blue) |
**Nebulizers**

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**THERA-MIST™ BARREL NEBULIZER, ENTRAINMENT**

The BN-P30000N and BN-P30000H entrainment nebulizers for both heated and unheated Oxygen therapy can be used with standard sterile water bottles for irrigation or inhalation, i.e., Baxter, Abbott, and McGaw or can be used with your sterile water source and the Pegasus BN-P70000 refillable 1000 ml bottle. The BN-P30000N normal flow nebulizer is for Oxygen flows of 6 to 12 LPM with FIO2 levels down to 28%. The BN-P30000N is pictured with the BN-P20000 aseptically isolated heater, BN-P26000 autoclavable heater core (required for use with BN-P20000 heater) and BN-P70000 reusable water bottle. When higher Oxygen flows are needed, the BN-P30000H can be used for Oxygen flows of 14 to 40 LPM with FIO2 levels from 36% to 95%. The BN-P30000H is pictured with the BN-P20001 heater, BN-P26100 adapter top (required for use with BN-P20001 heater) and BN-P70000 reusable water bottle.

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**THERA-MIST™ BARREL NEBULIZER, CLOSED DILUTION (CDN)**

Like the entrainment version, the CDN can also be used unheated or heated with the BN-P20000 or the BN-P20001 heaters. However, the CDN is used in situations where a positive system pressure is required, such as CPAP(full mask, tracheal, nasal). Oxygen Dilution is controlled by bleeding medical air into the side port of the CDN, as pictured. The closed system assists in maintaining asepsis and prevention of nosocomial infection by eliminating the entrainment of room medical air. The CDN is available in normal (BN-P31000N) and high-flow (BN-P31000H) versions.
Nebulizers

Cirrus® Nebulizer Kits

Cirrus® T-Mouthpiece Kit
#DM-1495 Box Quantity: 50

Cirrus® with T-piece, 6” reservoir, mouthpiece and oxygen tube
#DM-1501-K Box Quantity: 50

Cirrus® Adult Mask Kit with noseclip and oxygen tube
#DM-1483 Box Quantity: 50

Cirrus® Pediatric Mask Kit with noseclip and tube
#DM-1484 Box Quantity: 50

MicroCirrus™ T-Mouthpiece Kit
#DM-1418 Box Quantity: 50

Anti-Pollution-Kit containing T-mouthpiece, MicroCirrus™ nebulizer, Filta-Guard™ 99.999% efficient filter and oxygen tube
#DM-1417 Box Quantity: 20

MicroCirrus™ with T-piece, 6” reservoir, mouthpiece and O2 tube
#DM-1503-K Box Quantity: 50
Nebulizers

Cirrus® & Micro Cirrus™ Nebulizers

Cirrus® Tracheo-Bronchial Deposition Nebulizer, 2-5 micron range
#DM-1501 Box Quantity: 50

MicroCirrus™ Alveolar Deposition Nebulizer, 0.5-2 micron range
#DM-1503 Box Quantity: 50

Hot Top Plus® Nebulizer Kits

Hot Top Plus Mouthpiece kit with Sure-Loc base and oxygen tube
#DM-1475 Box Quantity: 50

HOT Top Plus Mouthpiece Kit with standard base and oxygen tube
#DM-1375 Box Quantity: 50
Nebulizers/Compressors

Compressor Nebulizer Kits

The MiniComp™ Compressor Nebulizer Kit delivers effective and efficient aerosol medication therapy. The compressor’s piston pump is built for quality and durability for years of reliable treatments. The MiniComp is lightweight at just over 3 lbs. and features a built-in handle for portability. Non-slip pads ensure that the unit will rest securely on any flat surface for safe, dependable treatments every time.

- Effective medication therapy
- Easy-to-use
- Portable size
- Ideal for all ages
- Particle size range: 0.5 to 10 microns
- Detailed guidebook in English and Spanish included
- Latex-free
- Five-year limited warranty

Both Models

- Unit dimensions: 7-1/4" x 7" x 4-3/4"
- Unit weight: 3.25 lbs

MiniComp™
Compressor Nebulizer Kit
#HH-40-125-000 (w/o tote bag)
#HH-40-126-000 (w/ tote bag)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#HH-40-063-000</td>
<td>Canvas zippered tote bag</td>
</tr>
<tr>
<td>#HH-40-114-000</td>
<td>Air filter cover</td>
</tr>
<tr>
<td>#HH-40-111-000</td>
<td>Air filters, 10/pack</td>
</tr>
</tbody>
</table>

ExecuNeb™
Portable Compressor Nebulizer Kit
#HH-40-146-000

The ExecuNeb™ offers a stylish solution to traditional medication therapy. Its sleek styling and low profile compliment most home or office decor. Its compact and lightweight design makes it an ideal portable medication solution for today’s busy lifestyle.

- Sleek, low profile design
- Padded canvas tote bag with hand and shoulder strap allows for easy portability
- Effective medication treatments
- Lightweight and easy to transport
- Particle size range: 0.5 to 10 microns
- Detailed guidebook in English and Spanish included
- Latex-free
- Five-year limited warranty

- Unit dimensions: 3-3/4" x 2-5/8" x 5-1/4"
- Unit weight: 1.56 lbs

ExecuNeb™
Portable Compressor Nebulizer Kit
#HH-40-146-000

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>#HH-40-158-012</td>
<td>12-volt AC adapter</td>
</tr>
<tr>
<td>#HH-40-159-012</td>
<td>12-volt DC auto adapter</td>
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<tr>
<td>#HH-40-166-000</td>
<td>Canvas zippered tote bag</td>
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<td>#HH-40-187-012</td>
<td>Rechargeable battery pack</td>
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<tr>
<td>#HH-40-149-000</td>
<td>Air filters, 10/pack</td>
</tr>
</tbody>
</table>
Nebulizers/Compressors

Margo Moo™

Compressor Nebulizer Kit

Designed to increase compliance, the Margo Moo™ Compressor Nebulizer will provide an entertaining and calming focus for children throughout their aerosol medication treatments. Lightweight and portable, this compressor is built to last. The dependable piston-style pump ensures consistent treatments year after year. The whimsical barn-style carrying bag ensures totes the compressor and stores all accessories in a fun yet functional way.

- Effective medication treatments
- Lightweight and easy to transport with built-in carrying handle
- Particle size range: 0.5 to 10 microns
- Detailed guidebook in English and Spanish
- Latex-free
- Five-year limited warranty

- Approximate unit size: 7” x 7-3/4” x 4-1/2”
- Approximate unit weight: 3.6 lbs

---

CompMist®

Compressor Nebulizer Kit

The CompMist™ Compressor Nebulizer delivers aerosol medication therapy effectively and efficiently. This self-contained unit is stylish, attractive and best of all — an affordable alternative to bulky compressors of the past. Several key features are incorporated into the design of the CompMist, making it a highly functional system in home respiratory care. The easy carry handle, two storage compartments and built-in nebulizer holder makes this unit convenient.

- Effective medication therapy
- Built-in carrying handle
- Ideal for all ages
- Particle size range: 0.5 to 10 microns
- Detailed guidebook in English and Spanish included
- Latex-free
- Five-year limited warranty

- Unit dimensions: 11-7/8” x 7-1/8” x 4-1/2”
- Unit weight: 4.6 lbs

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Item No. | Description
---|---
#HH-40-111-000 | Air filters, 10/pack
#HH-40-260-000 | Barn-style canvas zippered tote bag
#HH-40-114-000 | Air filter cover
#HH-40-111-000 | Air filters, 10/pack
#HH-40-105-000 | Compressor Nebulizer Kit
The NEB™ is a portable, handheld compressor nebulizer. At just over 14 ounces, it offers the freedom to maintain daily school or work schedules without interruption. The NEB XP is highly reliable and ideal for on-the-go respiratory care. Available in both standard and deluxe versions.

- Effective medication therapy
- Portable and lightweight - only 14.6 oz.
- Particle size range: 0.5 to 10 microns
- Easy-to-use
- Ideal for all ages
- Detailed guidebook in English and Spanish included
- Latex-free
- Five-year limited warranty

**#HH-40-136-000 - Deluxe**
- Unit dimensions: 8-3/4” x 4-1/4” x 2-1/2”
- Unit weight: 1.54 lbs

**#HH-40-135-000 - Standard**
- Unit dimensions: 6-3/4” x 4-1/4” x 2-1/2”
- Unit weight: 14.6 oz.

The MABISMist™ II Handheld Ultrasonic Nebulizer transforms liquid medication into an aerosol mist — delivering fast, dependable treatments — most within 6 minutes. Treatments delivered by the MABISMist II are fast and virtually silent due to its advanced ultrasonic technology. The MABISMist II offers the freedom to maintain daily routines. The unit’s compact size and use of a rechargeable battery make it completely portable. Operable at a 45° angle, treatments can be easily administered in a reclined position.

- Handheld, portable design
- Easy to use
- Lightweight, under 1 lb.
- Most treatments delivered in less than 6 minutes
- 12V NiMH battery pack included
- Easy to clean
- Automatic shut off after 10 minutes
- Uses ordinary tap or distilled water
- Operable at up to a 45° angle
- Detailed guidebook in English and Spanish included
- Latex-free
- Three-year limited warranty

- Unit dimensions: 3-7/16” x 2” x 5-5/8”
- Unit weight: 8.1 oz.
Nebulizers/Compressors

Schuco® 3000 Nebulizer

Standard Features:
• Completely self enclosed for ease of cleaning
• Easily portable
• Lightweight, compact design
• Damage-resistant plastic
• Recessed tubing connector
• Recessed cord storage
• Quiet operation
• UL listed
• 5-Year Warranty

Reliable and affordable, the Schuco 3000 Nebulizer providing worry-free nebulizer therapy in compact style.

<table>
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<th>Ordering Information:</th>
<th>Description</th>
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<tbody>
<tr>
<td>#5711-S3000</td>
<td>Compressor, standard mouthpiece, nebulizer, 7’ clear tubing</td>
</tr>
<tr>
<td>#5711-64095</td>
<td>Pediatric Aerosol Mask with nebulizer and 7’ clear tubing (50/case)</td>
</tr>
<tr>
<td>#5711-64085</td>
<td>Adult Aerosol Mask with nebulizer and 7’ clear tubing (50/case)</td>
</tr>
<tr>
<td>#5711-61399</td>
<td>Nebulizer kit: nebulizer cup, 7’ clear tubing, mouthpiece, tee, 6” flex tube (50/case)</td>
</tr>
<tr>
<td>#5711-61400</td>
<td>Nebulizer kit: Nebulizer cup, 7’ clear tubing, mouthpiece, tee (50/case)</td>
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<tr>
<td>#5711-S641251-R</td>
<td>Reusable foam filter (10/bag)</td>
</tr>
<tr>
<td>#5711-S3000-BAG</td>
<td>Storage Pouch: carries compressor, nebulizer and tubing</td>
</tr>
</tbody>
</table>

Schuco® 4000 Nebulizer

Standard Features:
• Completely self enclosed for ease of cleaning
• Easily portable
• New lightweight, compact design
• Damage-resistant plastic
• Recessed tubing connector
• Quiet operation
• 3-Year Warranty

Introducing the Schuco 4000 Nebulizer ... for worry-free nebulizer therapy in a compact style at an affordable price.

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<td>Pediatric Aerosol Mask with nebulizer and 7’ clear tubing (50/case)</td>
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<tr>
<td>#5711-64085</td>
<td>Adult Aerosol Mask with nebulizer and 7’ clear tubing (50/case)</td>
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<td>#5711-61399</td>
<td>Nebulizer kit: nebulizer cup, 7’ clear tubing, mouthpiece, tee, 6” flex tube (50/case)</td>
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<td>#5711-61400</td>
<td>Nebulizer kit: Nebulizer cup, 7’ clear tubing, mouthpiece, tee (50/case)</td>
</tr>
<tr>
<td>#5711-S3000-BAG</td>
<td>Storage Pouch: carries compressor, nebulizer and tubing</td>
</tr>
</tbody>
</table>
EZflow® Continuous Nebulizers

- Faster Patient Improvements
- Increased Patient Labor Efficiency
- Fewer Patient Hospital Admissions
- Shorter Hospital Stays

The Mercury EZflow and EZflow MAX represent a new generation of continuous nebulizers.

They feature a very efficient small volume (25 ML) reservoir which attaches directly to an aerosol mask eliminating the need for pole brackets and aerosol tubing.

The EZflow offers a four-hour treatment at a 3 LPM flow rate, ideal for ventilator patients. The EZflow MAX provides a 1½ - 2 hour treatment at a 6-10 LPM flow rate for when additional oxygen flow is required.

### Features
- Direct attachment to aerosol mask
- Innovative nozzle technology
- Consistent particle size of 2.0 micron MMAD
- Low-flow design (EZflow)
- High-flow flexibility (EZflow MAX)
- Spill proof design
- Removable cap

### Benefits
- Eliminates the need for aerosol tubing, IV pole and bracket
- Quick, easy set-up
- Allows up to 4 hours of continuous therapy with a small volume nebulizer
- Optimal drug delivery for entire treatment
- Minimizes medication waste, ideal for ventilator patients
- Eliminates clean-up and waste
- Easy to refill

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Part#</th>
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<tbody>
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<td>EZflow</td>
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<tr>
<td>#10-320-00</td>
<td>EZflow Continuous Nebulizer</td>
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<tr>
<td>#10-320-01</td>
<td>EZflow Continuous Nebulizer w/Mask &amp; Oxygen Tubing</td>
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<tr>
<td>EZflow MAX</td>
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<td></td>
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<tr>
<td>#10-320-03</td>
<td>EZflow MAX Continuous Nebulizer</td>
<td>25/Box</td>
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<tr>
<td>#10-320-04</td>
<td>EZflow MAX Continuous Nebulizer w/Mask &amp; Oxygen Tubing</td>
<td>25/Box</td>
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</table>

### Sample Guidelines for Preparing Rx Dosing:

**EZflow®**

<table>
<thead>
<tr>
<th>5mg (1cc/Hr.)</th>
<th>10mg (2cc/Hr.)</th>
<th>15mg (3cc/Hr.)</th>
<th>20mg (4cc/Hr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output</strong></td>
<td><strong>Albuterol</strong></td>
<td><strong>Saline</strong></td>
<td><strong>Output</strong></td>
</tr>
<tr>
<td>Time @ 3Lpm</td>
<td>in cc's Mixture</td>
<td>in cc's Mixture</td>
<td>in cc's Mixture</td>
</tr>
<tr>
<td>1 Hr</td>
<td>6cc</td>
<td>1cc</td>
<td>5cc</td>
</tr>
<tr>
<td>2 Hr</td>
<td>12cc</td>
<td>2cc</td>
<td>10cc</td>
</tr>
<tr>
<td>3 Hr</td>
<td>18cc</td>
<td>3cc</td>
<td>15cc</td>
</tr>
<tr>
<td>4 Hr</td>
<td>24cc</td>
<td>4cc</td>
<td>20cc</td>
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</tbody>
</table>

**EZflow MAX®**

<table>
<thead>
<tr>
<th>5mg (1cc/Hr.)</th>
<th>10mg (2cc/Hr.)</th>
<th>15mg (3cc/Hr.)</th>
<th>20mg (4cc/Hr.)</th>
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<tr>
<td><strong>Output</strong></td>
<td><strong>Albuterol</strong></td>
<td><strong>Saline</strong></td>
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<td>3cc</td>
<td>15cc</td>
</tr>
<tr>
<td>4 Hr</td>
<td>24cc</td>
<td>4cc</td>
<td>20cc</td>
</tr>
<tr>
<td>@ 10Lpm Flow</td>
<td><strong>@ 10Lpm Flow</strong></td>
<td><strong>@ 10Lpm Flow</strong></td>
<td><strong>@ 10Lpm Flow</strong></td>
</tr>
<tr>
<td>2 Hr</td>
<td>24cc</td>
<td>2cc</td>
<td>22cc</td>
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<tr>
<td>3 Hr</td>
<td>36cc</td>
<td>3cc</td>
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<tr>
<td>4 Hr</td>
<td>48cc</td>
<td>4cc</td>
<td>34cc</td>
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Patent # US 6,338,443 B1
B&B Hope Nebulizer

The HOPE nebulizer has proven to be the most widely sought after continuous medication nebulizer for treating moderate to severe life threatening asthma and C.O.P.D. HOPE has become the gold standard for the delivery of continuous medication and Heliox therapy. Heliox has been reported to build a therapeutic bridge in severe asthma and C.O.P.D. until conventional medications take effect. It's no wonder our competition reconfigured their product to try to emulate ours. We pioneered the patented supplemental port for Heliox delivery in a closed dilution nebulizer, greatly enhancing the performance of our nebulizer. No other nebulizer can make that claim or achieves it’s superior therapeutic capability. HOPE leads the market in simplicity and outstanding nebulizer performance.

Features and Benefits
- Connects directly to the flowmeter eliminating expensive accessory hardware
- Offers the only FDA approved nebulizer auxiliary port for Heliox Therapy
- Twist off reservoir for easy medication changes
- Delivers 1-8 hours of continuous medication therapy with 2.5 MMAD
- 25 ml per hour output with > 60% particles in the respirable range @ 10 lpm
- 50 ml output with > 75% particles in the respirable range with 15 lpm supplemental 80/20 heliox through the port
- Provides 50% more respirable medication than other continuous or small volume nebulizers
- Easy to understand dosing chart comes with each nebulizer
- Can be ordered nebulizer only or in kit form, (Kit includes HOPE neb, 6' tubing and aerosol mask)
- Latex-free materials

B&B products are available through most hospital/medical distributors. Call for your nearest supplier.

REORDER INFORMATION

<table>
<thead>
<tr>
<th>B&amp;B HOPE Nebulizer (only)</th>
<th>#FP-11310</th>
<th>25/Box</th>
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<tbody>
<tr>
<td>HOPE Nebulizer Adult Kit</td>
<td>#FP-11320</td>
<td>10/Box</td>
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<tr>
<td>(nebulizer, adult aerosol mask and 6' tubing)</td>
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<td>HOPE Nebulizer Pediatric Kit</td>
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<td>10/Box</td>
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<td>(nebulizer, pediatric aerosol mask and 6' tubing)</td>
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B&B 80/20 Heliox Regulator™ — Item #FP-11370

CGA nut and stem regulator with barbed outlet fitting.

Constant flow preset regulator delivers precise flow rates. Multi-position click style works specifically with HOPE Continuous Nebulizer for easy Heliox therapy. For 80/20 He/O₂ mix with the HOPE Nebulizer, set 100% oxygen source gas to 10 lpm and the 80/20 Heliox Regulator to 15 lpm.
Nebulizers/Accessories

Introducing the Schuco 4200 Pediatric Nebulizer ... providing worry-free nebulizer therapy in a child-friendly design. Its cheerful animals and flashing lights are comforting, making treatment fun.

Standard Features:
- Completely self enclosed for ease of cleaning
- Lights up when powered
- Easily portable lightweight design
- Damage-resistant plastic
- Recessed tubing connector
- Recessed cord storage
- Quiet operation
- 3-Year Warranty

Schuco® 4200 Pediatric Nebulizer

The Lightest Neb Available ...
Weighing only 3.5 lbs., the Mini-Mate makes it extremely easy to transport - giving patients the freedom to stay active and enjoy life.

The Smallest Compressor Available ...
An average of 75% smaller than other units. It's a cinch to carry either with its built in carry handle or attractive optional carry bag.

Attractive Styling ...
Mini-Mate’s slim-line design and low profile cabinet coordinate well both at home and the office.

It's Powerful ...
Mini-Mate’s powerful compressor delivers a flow rate of 6 lpm at a driving pressure of 17.5 psi, reducing treatment time - leaving more time for the other important activities of daily living.

Virtually Maintenance Free ...
Mini-Mate’s easily removable and reusable filter makes cleaning a breeze and the cabinet is infection control friendly.

Safety First ...
The motor is protected from overheating by a thermal limit switch.

Specifications

| Dimensions: | Length 5.38” (14.1 cm), Width 6.44” (16.4 cm), Height 3.19” (8.1 cm) |
| Weight: | 3.5 lbs. (1.6 kg) - Shipping Wt. 4.1 lbs. (1.8 kg) |
| Electrical: | 120 VAC, 60 Hz, 2.1 Amps |
| Operating Temperature Range: | 50°F-104°F (-10°C-40°C) |
| Storage Conditions: | Temperature: -10°F to 120°F (-23°C to 49°C); Humidity: Max 95% noncondensing |
| Inlet Filter: | Open cell polyurethane foam |

Specifications are subject to change without prior notice

Ordering Information

<table>
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<tbody>
<tr>
<td>#5711-S4200</td>
<td>Compressor, standard mouthpiece, nebulator, 7” clear tubing</td>
</tr>
<tr>
<td>#5711-64085</td>
<td>Pediatric Aerosol Mask with nebulator and 7” clear tubing (50/case)</td>
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<tr>
<td>#5711-61399</td>
<td>Nebulizer kit: Nebulizer cup, 7” clear tubing, mouthpiece, tee (50/case)</td>
</tr>
<tr>
<td>#5711-61400</td>
<td>Nebulizer kit: Nebulizer cup, 7” clear tubing, mouthpiece, tee (50/case)</td>
</tr>
</tbody>
</table>

Once again proving that even smaller is even better!
Nebulizers

PARI LC PLUS NEBULIZER

The Advantages Add Up To Performance

• Breath Controlled Aerosol Output
• Increased Aerosol Delivery
• Reduced Medication Waste
• Fast Treatment Time
• Reusable, Lasts 6 - 12 Months
• Easy-to-Clean ... Dishwasher Safe ... Can be Boiled or Autoclaved
• 6 Month Warranty

Reusable PARI LC PLUS
IB-22H81 PARI LC PLUS Nebulizer Set
IB-22H81P12 PARI LC PLUS Nebulizer Set 12/Bx
IB-22H81P50 PARI LC PLUS Nebulizer Set 50/Bx

PARI BABY
IB-22H90 PARI BABY, Size 0 (neonates)
IB-22H90P12 PARI BABY, Size 0 (neonates) 12/Bx
IB-22H91 PARI BABY, Size 1 (1-11 months)
IB-22H91P12 PARI BABY, Size 1 (1-11 months) 12/Bx
IB-22H92 PARI BABY, Size 2 (1-3 years)
IB-22H92P12 PARI BABY, Size 2 (1-3 years) 12/Bx

DISPOSABLE PARI LC PLUS
IB-22H71P50 PARI Disposable Nebulizer with mouth piece 50/Bx

DISPOSABLE PARI LC PLUS
IB-22H72P50 PARI Disposable Nebulizer with Adult Mask 50/Bx

REUSABLE NEBULIZERS

Reusable PARI LC with PEDIATRIC MASK
IB-22H63 PARI LC with Pediatric Mask
IB-22H63P12 PARI LC with Pediatric Mask 12/Bx
IB-22H63P50 PARI LC with Pediatric Mask 50/Bx

REUSABLE PARI LC with ADULT MASK
IB-22H62 PARI LC with Adult Mask
IB-22H62P12 PARI LC with Adult Mask 12/Bx
IB-22H62P50 PARI LC with Adult Mask 50/Bx

Disposable Nebulizers

DISPOSABLE PARI LC with PEDIATRIC MASK
IB-22H73P50 PARI Disposable Nebulizer with Pediatric Mask 50/Bx
PULMO-AIDE® 27-5650D and 27-5650H

The principal pneumatic compressor for more than 25 years, Pulmo-Aide provides optimum nebulization of medication. Complete at home system includes a Pulmo-Neb disposable nebulizer which is adaptable to face masks for pediatric use.

The secret is out, but it is still keeping quiet. Because the new Pulmo-Aide compressor/nebulizer operates with much less noise and vibration. It’s quieter than ever before. With the new Pulmo-Aide, we’ve added many new features but have maintained the reliability you’ve come to expect, including:

- Same Pulmo-Aide compressor for superior dependability
- Balanced rotor motor for lower vibration
- Noise rating reduced to 51 dBA
- New case design with modern styling and smaller footprint
- Easier-to-clean storage area with rounded corners
- New feet that mount through the case (no adhesive)
- Longer life filter that lasts up to six months
- Same 5 year warranty

Nebulization via Pulmo-Neb

<table>
<thead>
<tr>
<th>Operating Pressure</th>
<th>11-13 psig</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liter Flow</td>
<td>6-8 lpm</td>
</tr>
<tr>
<td>Capacity</td>
<td>10 ml (cc)</td>
</tr>
<tr>
<td>Nebulization Rate</td>
<td>0.15-0.35 ml/min</td>
</tr>
<tr>
<td>Particle Size Range</td>
<td>0.5 to 5 microns</td>
</tr>
</tbody>
</table>

27-5650D Specifications (2 prong electrical plug)
27-5650H Specifications (3 prong electrical plug)

Size: 10.1"W x 10.5"H x 6.5"D
(26 cm x 27 cm x 17 cm)
Weight: 7 lbs. (3.2 kg)
Sound Level: 51 dBA
Electrical Requirements: 1.3 amps, 115V-, 60 Hz
Power Consumption: 90 watts maximum
Maximum Compressor Pressure: 30 to 45 psig*
Maximum Compressor Liter Flow: 9.4 to 16 lpm*
Warranty: 5 years

*Conditions may vary based on altitude above sea level, barometric pressure changes.

Permanent Nebulizer Model 27-644
Updraft style for use with mask. Ideal for continuous administration of medication. With 7’ tubing, mouth piece and extra jet. (1 each)

Pediatric Aerosol Mask
27-5610D603  12/bag
27-PAM10  50/case

Adult Aerosol Mask
27-AAM20  50/case
27-AAM12  12/case

Air Inlet Filter
27-5650D602  5/package
27-5650D601  25/package

Accessory Items

Pulmo-Neb Disposable Nebulizer Kit
60 day nebulizer and mouth piece with 7’ tubing
27-5650D620  12/bag
27-5650D621  50/case

Permanent Nebulizer Model 27-646
T-Piece style allows patient to leave nebulizer in mouth while exhaling. Complete with 7’ tubing, activator valve, mouthpiece and extra jet. (1 each)
Introducing the sleek new PulmoMate™ compressor/nebulizer from DeVilbiss. An unbeatable combination of quality and value designed to keep you competitive in the fast-paced world of managed care. Under the hood you’ll find a custom-built metal head compressor, designed to meet your expectations for durability and performance. A three-prong (for low voltage protection), 3 year warranty and UL rating label are all standard.

### PulmoMate Specifications & Warranty

<table>
<thead>
<tr>
<th>Specification</th>
<th>Pulmo-Neb</th>
<th>Hudson &quot;T&quot;</th>
<th>Model 646</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size:</td>
<td>7&quot;W x 3.8&quot;H x 13&quot;D (18cm x 10cm x 33cm)</td>
<td>4.5 Microns</td>
<td>4.0 microns</td>
</tr>
<tr>
<td>Weight:</td>
<td>6.8 lbs. (3.1 kg)</td>
<td>0.15-0.3</td>
<td>0.35-4.0</td>
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<tr>
<td>Sound Level:</td>
<td>55 dBA</td>
<td>8 ml</td>
<td>5 ml</td>
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<tr>
<td>Electrical Requirements:</td>
<td>Model 27-4650D 2.3 amps, 115 VAC 60 Hz</td>
<td>14 days</td>
<td>1 year</td>
</tr>
<tr>
<td>Power Consumption:</td>
<td>Model 27-4650D 140 watts maximum</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Maximum Compressor Pressure:</td>
<td>30 - 45 psig*</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Compressor Free Air Flow</td>
<td>9 - 15 lpm*</td>
<td>27-5650D-620 (12/pk)</td>
<td>27-646 (1 ea)</td>
</tr>
<tr>
<td>Nebulizer Operating Pressure:</td>
<td>14 - 20 psig</td>
<td>27-1734 (50/cs)</td>
<td></td>
</tr>
<tr>
<td>Nebulizer Liter Flow:</td>
<td>6 - 8 lpm</td>
<td>27-5650D-621 (50/cs)</td>
<td></td>
</tr>
<tr>
<td>Nebulizer Capacity:</td>
<td>6 ml (cc)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nebulizer Nebulization Rate:</td>
<td>0.15 - 3 ml/minute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Particle Size Range:</td>
<td>Approximately 80% &lt;5 microns</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warranty:</td>
<td>3 year limited warranty on compressor parts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pulmo-Neb®**

Disposable Nebulizer
The Pulmo-Neb is designed to provide a large volume of particles for tracheobronchial deposition. Designed to minimize the amount of drug solution left in the nebulizer at the end of delivery. Helps to ensure that the patient received the required treatment. Works effectively in a horizontal position. Anti-spill feature prevents wastage if tipped in use. Also prevents the drug from spilling into the mask or mouth piece and being swallowed by the patient. Screw top helps prevent leaks. Standard 22mm female fittings permit use with other standard aerosol masks. 60-day nebulizer includes mouth piece and 7 ft. oxygen supply tubing.

**Model 646**

Permanent Nebulizer
Unique 1 piece allows the patient to leave nebulizer in the mouth while exhaling. Complete with tubing and activator valve, mouth piece and extra jet.

**Hudson “T” Up-Draft II Disposable Nebulizer**
Approved for use with Pulmazyme
New small sized, high-output nebulizer from Hudson RCI. The disposable “T” Updraft II nebulizer’s high-output design produces a thick dense mist. Cap and reservoir snap apart for easy cleaning. Anti-spill design works even if nebulizer is turned upside down. Includes 6-inch reservoir flex tube which attaches to the tee. Reservoir tube "holds" more of the nebulized medication for the patient to inhale. Helps prevent medication waste. Unique design allows the Up-Draft II to nebulize even when tilted 45 degrees. Virtually every drop of medication is nebulized. Includes Up-Draft II Nebulizer, tee, mouth piece, 6 inch flex tube and 7 ft. length of oxygen supply tubing.

**Pulmo-Neb® Disposable Nebulizer**

The Pulmo-Neb is designed to provide a large volume of particles for tracheobronchial deposition. Designed to minimize the amount of drug solution left in the nebulizer at the end of delivery. Helps to ensure that the patient received the required treatment. Works effectively in a horizontal position. Anti-spill feature prevents wastage if tipped in use. Also prevents the drug from spilling into the mask or mouth piece and being swallowed by the patient. Screw top helps prevent leaks. Standard 22mm female fittings permit use with other standard aerosol masks. 60-day nebulizer includes mouth piece and 7 ft. oxygen supply tubing.

**Model 646**

Permanent Nebulizer
Unique 1 piece allows the patient to leave nebulizer in the mouth while exhaling. Complete with tubing and activator valve, mouth piece and extra jet.
Mistogen’s HV12 High Volume Nebulizer

Low Cost
Mistogen’s HV12 is approximately half the cost of competitive units. In fact, recently the price of the HV12 has been lowered due to higher efficiencies in production. Since the HV12 needs no flowmeter, it frees your flowmeters for use in other areas.

Oxygen Dilution Control
The HV12 has a special dilution control feature that allows you to regulate the percentage of oxygen from 35% - 70% in order to meet doctor’s orders. An Oxygen Concentration Flow Chart is furnished with each unit.

Durable Economy
The HV12 High Volume Nebulizer is expertly manufactured from strong, impact-resistant styrene, polypropylene and stainless steel; promoting easy maintenance.

Easy Care
Cleaning Mistogen’s HV12 Nebulizer is simple. The HV12 can be either cold or gas sterilized.

Continuous Feed System
For your convenience, Mistogen’s HV12 has a large 2,000cc reservoir sufficient for 6 - 10 hours of normal continuous operation eliminating frequent refilling. Mistogen’s HV12 is the only product of its kind that has an optional continuous feed system that permits the use of various types of pre-filled bottles, providing even longer continuous operation.

Ordering Information

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AW-2209018</td>
<td>Flexible Tube Assy 18” x 2” dia.</td>
</tr>
<tr>
<td>AW-2341</td>
<td>Tent Frame Support (Use AW-2756 Canopy)</td>
</tr>
<tr>
<td>AW-2432</td>
<td>Reducer, Adapter 2” x 3/4”</td>
</tr>
<tr>
<td>AW-2436</td>
<td>2” Tent Ring (for AW-2439 Hose)</td>
</tr>
<tr>
<td>AW-13051</td>
<td>Reducer, Adapter 2” x 1-1/4”</td>
</tr>
<tr>
<td>AW-2440</td>
<td>Castered Stand with AW-2644 Hoop</td>
</tr>
<tr>
<td>AW-2472</td>
<td>Tent Frame Support (AW-2341) with AW-2756 Canopy</td>
</tr>
<tr>
<td>AW-2644</td>
<td>Hoop Mount for AW-2501 Stand</td>
</tr>
<tr>
<td>AW-12731</td>
<td>HV-12 Accessory Kit, includes AW-4098, AW-4085, and AW-2440 Stand</td>
</tr>
<tr>
<td>AW-12732</td>
<td>HV-12 Accessory Kit, includes AW-2439 used with CAM 2 Mist Tent</td>
</tr>
<tr>
<td>AW-12733</td>
<td>HV-12 Accessory Kit, includes AW-2443, AW-2438, AW-2436, AW-4085, AW-6219 and AW-6992. For use with Cam 3 Mist Tent</td>
</tr>
<tr>
<td>AW-2756</td>
<td>Canopy for Support Frame AW-2341</td>
</tr>
<tr>
<td>AW-4095</td>
<td>Support Arm Assembly</td>
</tr>
<tr>
<td>AW-4098</td>
<td>Flexible Tube Assembly, 36” x 2” Dia.</td>
</tr>
<tr>
<td>AW-5870</td>
<td>Feeder, Water</td>
</tr>
<tr>
<td>AW-11523</td>
<td>Right Angle (for AW-12733 Models)</td>
</tr>
<tr>
<td>AW-2438</td>
<td>Tent Adapter, 2” x 1-1/4”</td>
</tr>
<tr>
<td>AW-2443</td>
<td>Reducer, Adapter 3” x 2”</td>
</tr>
<tr>
<td>AW-2702</td>
<td>CS/HV - 12 (AW-2540) Nebulizers with AW-2440 castered stand and AW-2472 tent frame w/canopy</td>
</tr>
</tbody>
</table>

Width: 10” (25.4cm)
Depth: 9-1/4” (23.5cm)
Height: 9-1/2” (24.1cm)
Weight: 5 lbs (2.27 Kg)
Energy Requirements: 15 Lpm medical air or oxygen at 345 KPa (50 psig)
Performance: 5cc water/min. at maximum setting
Capacity: 0.53 gal. (2 liter)
Nebulizers

Percussive NEB™
- Intrapulmonary percussive aerosol ventilator
- High frequency oscillation
- Mucus clearance (i.e., cystic fibrosis, COPD and post-op atelectasis)
- High aerosol output
- Automatic PEP
- Single patient - multiple use
- Pressure dial, SOFT to HARD Setting
- Home or hospital use
- High flow compressor available for home use

The PercussiveNEB is VORTTRAN’s next generation high frequency intrapulmonary percussive nebulizer. It offers a unique single patient, multiple use, high frequency, intrapulmonary percussive treatments. The PercussiveNEB retains all the operational characteristics of its predecessor, the PercussiveTech HF and is a safe and effective method of airway clearance. It is easy to use and is preferred by CF patients.1 In a study for the treatment of atelectasis in post-operative cardiac surgery patients, the PercussiveNEB appears to be a more effective and efficient use of departmental resources than traditional cardiac surgery patients, the PercussiveNEB is able to oscillate over a wide frequency and pressure range and is designed to oscillate at high frequencies of 11 to 30 Hz (about 660 to 2000 cycles per minute to mobilize mucus from the lungs in patients designed to oscillate at high frequencies of 11 to 30 Hz (about 660 to 2000 cycles per minute to mobilize mucus from the lungs in patients.

Clinical References

Vortran-IPPB™
- Single patient - multiple use
- No cross contamination
- Use standard hospital flowmeters delivering maximum flow of 40 L/min
- Large 20 mL nebulizer reservoir
- High aerosol output
- Secure DISS gas inlet connection
- No capital equipment cost — more cost effective than a conventional IPPB machine
- Easy to use — for hospital or home

Operational Characteristics
Suitable patient body weight: Greater than 30kg (adults)
Adjustable peak pressure range: 20 to 50 cm H2O
PEEP: 2 to 5 cm H2O
Supply pressure: 50 ± 5 PSI
Aerosol output during inhalation: Up to 1 mL/min
Operating environmental limits: 10 to 50° C

Hi-Flow 70™ Compressor
- Designed for high flow applications
- Compact and easy to store
- Ideal for home, clinic and hospital use
- Standard 120 VAC
- Operates VORTRAN’s — VORTRAN-IPPB™ and PercussiveNEB™

Percussive NEB™ Specifications

**Operational Characteristics**
- Suitable patient body weight: Greater than 10kg
- Typical percussive oscillation frequency: Up to 30 Hz (1800 /minute)
- Device flow: 43 to 73 L/min
- Fractional inspired oxygen (FiO2): Greater than 80% when supplied with 100% O2
- Operating environmental limits: 5 to 40° C
- Storage environmental limits: -20 to 60° C
- Patient connection: Mouthpiece
- Gas inlet: DISS connection
- Nebulizer reservoir size: 20 mL
- Approximate dimensions: 10” x 8” x 3.5”
- Approximate weight: About 190 grams

ORDERING INFORMATION

**#64-PNB-4030**
Part#: PercussiveNEB™
Quantity: 10/Box
Oxygen Tubing: 7’L

Clinical References