

AQUAPAK® Bubble Humidifiers



AQUAPAK Humidifiers

The humidifier's micro-diffuser produces smaller bubbles and greater surface agitation for quiet operation and high humidity output.

Cat. No. 000-40

Humidifier Adaptor

- Sterile, clear adaptor body
- Audible alarm alerts clinician of flow restriction or occlusion of oxygen cannula or mask tubing
- Designed for use with Cat. No. 003-01 or 006-01 sterile water
- Individually packaged 120 to a case

AQUAPAK Prefilled Humidifiers combine an easy-to-use adaptor with choice of two sterile water 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



Cat. No. 003-40

AQUAPAK Kit

- 340mL Sterile Water
- 000-40 Humidifier Adaptor
- Individually packaged 20 to a case

Cat. No. 006-40

AQUAPAK Kit

- 650mL Sterile Water
- 000-40 Humidifier Adaptor
- Individually packaged 10 to a case

Cat. No. 003-01

340mL Sterile Water

- Use with Cat. No. 000-40 Humidifier Adaptor
- Easy snap-off trigger design
- Individually packaged 20 to a case

Cat. No. 006-01

650mL Sterile Water

- Use with Cat. No. 000-40 Humidifier Adaptor
- Easy snap-off trigger design
- Individually packaged 10 to a case



AQUAPAK Silent Humidifiers

Provide sterile, silent humidification with no bubbles, vibration or noise

Cat. No. 000-11

Silent Humidifier Adaptor

- Audible alarm alerts clinician of flow restrictions or occlusion of tubing
- Designed for use with Sterile Water Cat. No. 004-00 or 037-00
- Individually packaged 50 to a case

AQUAPAK kits

Cat. No. 014-11

- 440mL Sterile Water
- 000-11 Humidifier Adaptor
- Individually packaged 20 to a case

Cat. No. 017-11

- 760mL Sterile Water
- 000-11 Humidifier Adaptor
- Individually packaged 20 to a case

Cat. No. 004-00

440mL Sterile Water

- Use with 000-11
- Individually packaged 20 to a case

Cat. No. 037-00

760mL Sterile Water

- Use with 000-11
- Individually packaged 10 to a case

Bubble Humidifiers



Disposable Humidifier, 4 psi

Cat. No. 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
- 500mL usable volume
- Defined maximum and minimum water level lines
- Recessed nipple reduces possibility of breaking off outlet connection
- Individually packaged 50 to a case

*Hudson RCI offers a choice of **Humidifiers** for use with clinician's water source. All feature audible pressure-relief valve to signal occlusion of the humidifier or tubing.*



Disposable Humidifier, 6 psi

Cat. No. 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
- 500mL usable volume
- Defined maximum and minimum water level lines
- Recessed nipple reduces possibility of breaking off outlet connection
- Individually packaged 50 to a case

Humidification



Reusable Humidifier

Cat. No. 3100

- Designed for long-lasting use and easy disassembly for cleaning
- Specially treated connectors for maximum durability
- Shatterproof, autoclavable and dishwasher-safe
- 500mL usable volume
- Distinct maximum and minimum water level lines
- 2 psi audible pressure relief alarm
- Sold individually

Cat. No. 3130

- Replacement Jar
- Sold individually

Cat. No. 3131

- Replacement Diffuser
- Sold individually

Cat. No. 6060

- Replacement Gasket
- Package of 10

CONCHATHERM® Heated Humidifiers



CONCHATHERM IV Plus Humidifier

Cat. No. 400-50

The CONCHATHERM IV Plus offers the proven performance and versatility of the CONCHATHERM IV Plus the additional features requested by clinicians.

- Adjustable Pause Mode allows selection of pause intervals from five to sixty minutes, in five-minute increments
- User-Selected Default Settings provide “customization” of airway temperature and temperature gradient values
- Self-correcting high and low temperature alarms reduce occurrence of unnecessary audible alarms after the temperature normalizes
- Expanded patient temperature option increases the upper temperature capability to 39°C in both the adult and infant modes

The CONCHATHERM family of heated molecular humidifiers deliver optimal humidity and temperature to patients of all ages, from neonatal to adult.



CONCHATHERM IV Humidifier

Cat. No. 400-00R

- Heated humidifier for use on infant, pediatric and adult patients
- Combines microprocessor technology with CONCHA-COLUMN® humidification system
- 21-volt, can be used with conventional or heated-wire circuits
- Pause Mode for nebulizer treatments and circuit changes
- Digital temperature display to a tenth of a degree
- Advanced alarm package includes tracking alarms for patient temperature, high/low temperatures, probe alarms, and heated-wire disconnects
- 120V, 60Hz

Cat. No. 400-10

- Same as 400-00, but 230 V, 50 Hz

Cat. No. 400-20

- Same as 400-00, but 100 V, 50/60 Hz



CONCHATHERM III® Plus Humidifier

Cat. No. 380-88R

- For use on infant, pediatric, and adult patients
- Can be used with conventional or 21-volt heated-wire circuits
- Servo-controlled heater monitors and regulates the heat output at the humidifier
- Bright, red digital temperature display with correlating high and low temperature audio/visual alarms

CONCHATHERM III



Cat. No. 380-80R

Cat. No. 380-90R

- Same as Cat. No. 380-88R except with a 16-volt heated wire controller
- For use with compatible 16-volt heated-wire or conventional neonatal and pediatric circuits.

- For use with conventional circuits
- Servo-controlled heater monitors and regulates heat output at the humidifier
- Can be used with continuous flow or pressurized systems
- Preset high- and low-temperature alarms

CONCHATHERM® Products



CONCHAPAK®

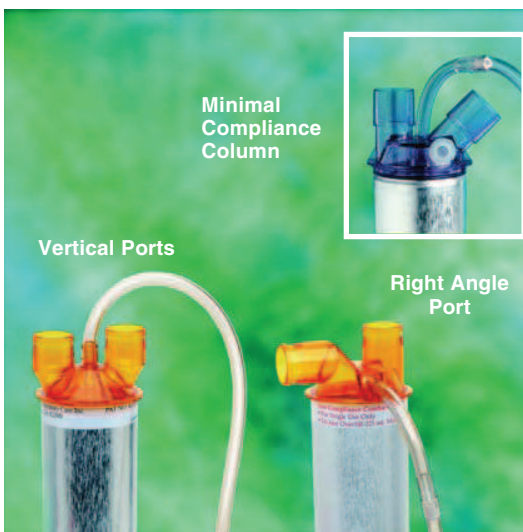
Self-contained system for use with CONCHATHERM III, III Plus, IV, and IV Plus heaters includes sterile water reservoir and choice of standard, low-compliance or minimal compliance CONCHA-COLUMN®.

- Safe, reliable gravity-feed system provides uninterrupted water flow
- Evaporative process ensures minimal resistance to gas flow
- Easy reservoir and column replacement
- Standard and low compliance column available with two vertical or one vertical and one right-angle port
- Minimal compliance column incorporates one vertical and one 45° port
- Columns not sold separately
- Columns individually packaged, sterile, case quantities vary, see chart below

The convenient CONCHAPAK system includes sterile water and choice of CONCHA-COLUMN.

Cat. No.	440 mL	760 mL	1650 mL	Standard Column	Low-Compliance Column	Vertical Ports	Right-Angle Port	Minimal Compliance Column	Case Qty.
381-51	•								20
381-53	•				•	•			6
381-52		•							10
381-55		•			•	•			6
381-50			•						6
385-20			•		•		•		6
385-30			•		•	•			6
385-60			•	•			•		6
385-70			•	•		•			6
385-40			•					•	6

Humidification



CONCHA® Columns

Standard Columns

For use in most adult ventilatory applications.

- Compressible volume: 103 mL when reservoir is full, 268 mL when reservoir is at replace mark

Low-Compliance Columns

For use in most applications requiring more constant compressible volume and compliance or CPAP applications with continuous gas flow < 50 LPM.

- Compressible volume: 248mL ± 12mL
- Compliance: 0.25mL/cmH₂O

Minimal Compliance Column

For use in applications requiring a low constant compressible volume and compliance.

- Compressible volume is constant at 109mL
- Compliance: 0.2mL/cmH₂O
- ISO 22mm connectors

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

- Columns not sold separately

CONCHATHERM® Accessories



Straight Tip Probe



Right Angle Probe

Cat. No. 380-93

Pediatric Thermistor Probe

For use with CONCHATHERM III and conventional pediatric ventilator circuit.

- 64 inches long
- Straight-tip probe designed for smaller pediatric/neonatal wyes

Cat. No. 380-91

Pediatric Dual-Thermistor Probe

For use with CONCHATHERM III Plus, IV, IV Plus, and heated-wire ventilator circuit.

- 64 inches long
- Straight-tip proximal probe designed for smaller pediatric/neonatal wyes

Temperature Probes

Designed to monitor airway temperature and signal high / low-temperature alarms.

- High-accuracy, responsive thermistor probes are easily installed in ventilator circuit
- Water-resistant probe connections fit snugly in-line for a tight seal
- Sold individually

Cat. No. 380-92

Adult Thermistor Probe

For use with CONCHATHERM III and conventional ventilator circuit.

- 84 inches long
- Right-angle proximal probe

Cat. No. 380-89

Adult Dual-Thermistor Probe

For use with CONCHATHERM III Plus, IV, and IV Plus.

- 84 inches long
- Right-angle proximal probe



384-00

384-10

Cat. No. 384-00

CONCHATHERM Tubing Adaptor

- Tapered fitting to 7mm
- 15.5mm I.D. / 19mm O.D.
- 30 to a case

Cat. No. 384-10

CONCHATHERM Hose Adaptor

- 5/16 in. barbed fitting
- 15.5mm I.D. / 19mm O.D.
- 30 to a case

Cat. No. 384-26

CONCHA Oxygen Diluter

- When used with CONCHA humidifier, allows delivery of specific oxygen concentrations
- Adjustable 26% to 90%
- 30 to a case

Cat. No. 388-28

CONCHA Nebulizer Adaptor

- When used with CONCHA humidifier, allows delivery of heated aerosol at specific oxygen concentrations
- Adjustable 28% to 90%
- 30 to a case

Cat. No. 380-74

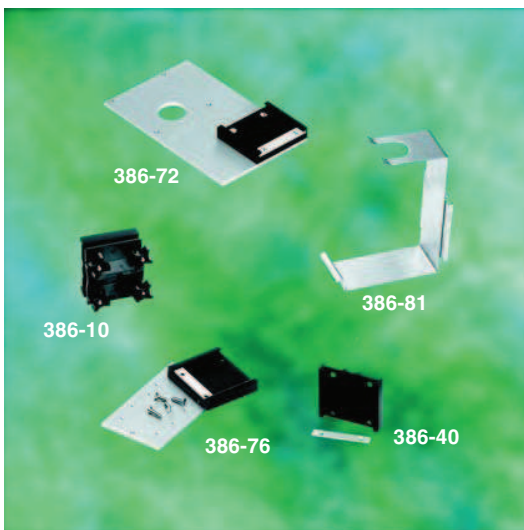
Adult Probe Adaptor

- Standard 22mm O.D. x 22mm I.D. connections
- Port accepts CONCHA temperature probes
- 24 to a case

Cat. No. 380-89L

- Same as 380-89, except 96 inches long

CONCHA® Mounting Brackets



386-72

386-10

386-76

386-81

386-40

CONCHATHERM III and III Plus

Cat. No. 386-00

Cat. Nos. 380-00 and 380-10 Reservoir Bracket

Cat. No. 386-10

Universal Pole Mount Bracket

Cat. No. 386-49

Infrasonics Adult STAR Mounting Plate

Cat. No. 386-58

Drager Evita 2 & 4 Ventilator Bracket

Cat. No. 386-70

PB MA-1, MA-2, MA 2+2, Bear 5 and 1000 Ventilator Bracket

Cat. No. 386-40

Wall Bracket

Cat. No. 386-65

Bird 6400ST, 8400ST and VIP Ventilator Bracket

Cat. No. 386-77

BEAR 1, 2, and 3 Ventilator Bracket

Cat. No. 386-72

Puritan-Bennett 7200 Ventilator Bracket

Cat. No. 386-73

Hill Rom Rail Mounting Bracket

Cat. No. 386-76

LP6, LP10, PLV-100, PB COMPANION 2801 Ventilator Bracket

Cat. No. 386-78

Puritan-Bennett 2800 Ventilator Bracket

Cat. No. 386-82

Puritan-Bennett 840 Ventilator Bracket

Cat. No. 386-79

CONCHA Mini Reservoir Bracket

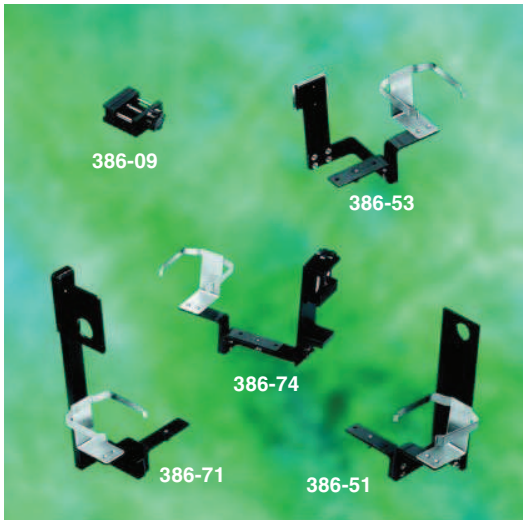
Cat. No. 386-75

Siemens ADVENT, PB, Respiration Esprit Ventilator Bracket

Cat. No. 386-81

Cat. Nos. 380-55, 380-80, 380-88 and 380-90 Reservoir Bracket

CONCHA® Mounting Brackets



Cat. No. 386-50

Pole Mount

- Short Support Arm
- Approximately 4.75 in.

Cat. No. 386-51

Bear 1, 2, 3 and 1000 Ventilator Bracket

Cat. No. 386-09
Pole Clamp

CONCHATHERM® IV

Cat. No. 386-52

Pole Mount

- Extended Support Arm
- Approximately 7.25 in.

Cat. No. 386-53

DrägerEvita 2 and 4, Adult STAR Ventilator Bracket

Cat. No. 386-55

Wide Slide Bracket Assembly

Cat. No. 386-56

Siemens Servo 300 Front Mount Cart Bracket

Cat. No. 386-57

Siemens Servo 300 & 900 Side Rail Bracket

Cat. No. 386-66

CONCHA Mini Reservoir Retrofit Kit (use with Bracket 386-79)

Cat. No. 386-63

Bird 8400, T-Bird, and V.I.P., Sensormedics 3100A & B Ventilator Bracket

Cat. No. 386-64

Bird 6400 and the V.I.P. Bird Ventilator Bracket

Cat. No. 386-69

PB MA-1, MA-2, and MA2+2 Ventilator Bracket

Cat. No. 386-83

Puritan-Bennett 840 Ventilator Bracket

Cat. No. 386-84

Puritan-Bennett 740 & 760 Ventilator Bracket

Cat. No. 386-74

Siemens i, Servo 300 and 900, Dräger Babylog Ventilator Side Rail Bracket

CONCHATHERM humidifiers have multiple mounting capabilities and can be used with a variety of accessories.

- Sold individually

Cat. No. 386-71

Puritan-Bennett 7200 Ventilator Bracket

Cat. No. 386-54

Infrasonics Infant STAR Pole Mount

Humidification

CPAP Humidification Products



Cat. No. 500-50

Inlet Tube

- Single patient use
- Sold individually

Cat. No. 500-60

Inlet Tube

- Autoclavable
- Sold individually

CONCHATHERM 2000

Designed to provide optimal humidification during mask CPAP and non-invasive ventilation.

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

Cat. No. 500-10

Basic Humidification Kit

Includes components for cold-passover humidity

- 500-20 Chamber - Single Patient Use
- 500-50 Inlet Tube - Single Patient Use
- 500-43 Foldable Stabilizing Tray

Cat. No. 500-00

Heated Humidifier

- Features adjustable heater control, heater-on indicator and power-on indicator

Cat. No. 500-43

Foldable Stabilizing Tray

- Provides stable platform for entire system
- Folds for convenient storage
- Sold individually

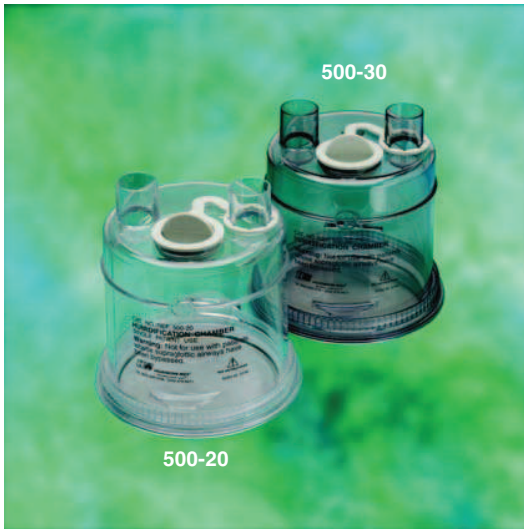
Cat. No. 386-85

CONCHATHERM 2000 Universal Pole Bracket

- Sold individually

CONCHATHERM 2000 chambers and chamber replacement parts shown on page 24.

CPAP Humidification



CONCHATHERM® 2000 Chambers

Specially designed, dishwasher safe, refillable chambers feature:

- Threaded, removable stainless steel base
- Easy-fill port allows refilling without removal of tubing
- Interchangeable with chamber for Fisher & Paykel® HC 100 and HC 150

Cat. No. 500-20

Chamber - Single Patient Use

- Sold individually

Cat. No. 500-30

Chamber - Autoclavable

- Sold individually

Replacement Parts

Cat. No. 500-72

Chamber Housing

- Single patient use
- Sold individually

Cat. No. 500-73

Chamber Housing

- Autoclavable
- Sold individually

Cat. No. 500-71

Fill Port Plug

- Sold individually

Cat. No. 500-15

Replacement Gasket

- Package of 2

HUMID-HEAT® System



HUMID-HEAT System

The microprocessor controlled Humid-Heat system delivers inspiratory gas at 37°C and 100% relative humidity at the patient airway.

- For use on patients with 250 - 1500 mL tidal volumes and minute volumes of 3 - 30 LPM
- Eliminates condensation in patient circuit and the need for heated wires, water traps and circuit sheaths

Cat. No. 37101

Complete Humid-Heat System

- Each system contains the following items:

- 1 Supply Unit, 120V
- 1 Heater
- 5 Temperature Probes
- 20 A-HME
- 10 Vented Water Feed Sets
- 1 Angular Clamp
- 1 Mounting Pole
- 1 Reservoir Holder

Cat. No. 37110

Supply Unit

- Microprocessor control unit effectively regulates heat and water output
- The only parameter that needs to be set is the patient minute volume
- Sold individually

Cat. No. 37160

Heater

- Warms breathing gases at the patient airway
- Sold individually

Cat. No. 37170

Temperature Probe

- 5 per case



Cat. No. 37130

A-HME

- Provides 30 mg H₂O/L of inspired gas in passive mode, up to 44 mg H₂O/L in active mode
- 20 per case



Cat. No. 37152

Vented Water Feed Set

- 10 per case

Cat. No. 381-51

Sterile Water Reservoir

- 440 mL
- 20 per case

Accessories

Cat. No.	Items	Case Qty.
37184	Angular Clamp	1
37185	Mounting Pole	1
37187	Reservoir Holder	1
37180	Rail Clamp 10mm x 25mm	1
37182	Rail Clamp 10mm x 30mm	1
386-86	Bracket, PB 7200 Ventilator	1
386-91	Bracket, PB 840 Ventilator	1
386-87	Bracket, Slide Plate	1
386-89	Bracket, Viasys Ventilator	1
386-90	Bracket, Hamilton Galileo	1