

CONCHATHERM NEPTUNE



Simplicity, versatility and unparalleled performance.

CONCHATHERM® NEPTUNE™

REF.	TYPE	QTY
Heated Humidifier		
425 - 10	230V, 50 Hz European style power plug	1
425 - 30	United Kingdom style power plug	1

- ease of use with plug and play operation
- invasive and non-invasive modes
- compatible with heated-wire and non-heated wire circuits
- adjustable gradient control, pause time and patient airway temperature
- low humidity advisory
- hot gas mode
- automatic detection of circuit type (adult, pediatric, infant)
- 24V system offers superior condensation control

The Neptune is designed to heat and humidify respiratory gases for patients of all ages, across the full spectrum of therapeutic applications: invasive ventilation, non-invasive ventilation, oxygen hoods and high-flow nasal cannula therapy.

Neptune utilizes the time-tested and convenient Concha-Column and prefilled sterile water reservoir system that supports both conventional and heated-wire circuits. The Neptune is also equipped with a unique "hot gas" mode specifically for use with today's ventilators that produce high outlet temperatures, to assure that therapeutic humidity levels can be achieved.



ADULT VENTILATOR CIRCUITS

Rüsch adult ventilator circuits are available in a variety of configurations, materials, and styles. The customer may choose conventional or heated-wire circuits with 22 mm phthalate-free PVC smoothbore or polyethylene corrugated tubing. Ported wyes allow pressure sensing and temperature monitoring and include tethered caps for plugging ports when not in use. The heated-wire circuits are designed specifically for use with CONCHATHERM IV and NEPTUNE heated humidification systems.

ADULT HEATED-WIRE VENTILATOR CIRCUITS

REF.	TYPE	LENGTH	QTY	ILLUSTRATION
Single heated inspiratory limb circuit				
19 1775 - 16 81 80	Smoothbore Sterile	180 cm	20	
19 1775 - 61 21 80	Smoothbore Clean	180 cm	20	
19 1772 - 55 61 80	Corrugated Clean	180 cm	20	
Single heated inspiratory limb with separate temperature probe adaptor and humidifier line.				
Ventilator Tubing Set				
19 1775 - 13 31 80	Smoothbore Sterile	180 cm	10	
19 1775 - 55 01 80	Smoothbore Clean	180 cm	10	
19 1772 - 50 71 80	Corrugated Clean	180 cm	10	
Inspiratory limb only heated, expiratory limb water trap and humidifier line.				
Ventilator Tubing Set				
19 1775 - 08 41 80	Smoothbore Sterile	180 cm	10	
19 1775 - 61 01 80	Smoothbore Clean	180 cm	10	
19 1772 - 55 21 80	Corrugated Clean	180 cm	10	
Inspiratory limb only heated, inspiratory and expiratory limb water traps and humidifier line.				
Ventilator Tubing Set				
19 1775 - 13 21 80	Smoothbore Sterile	180 cm	10	
19 1775 - 54 91 80	Smoothbore Clean	180 cm	10	
19 1772 - 55 41 80	Corrugated Clean	180 cm	10	
Dual heated limbs and humidifier line.				
Ventilator Tubing Set				
19 1775 - 08 31 80	Smoothbore Sterile	180 cm	10	
19 1775 - 60 81 80	Smoothbore Clean	180 cm	10	
19 1772 - 55 01 80	Corrugated Clean	180 cm	10	
Dual heated limbs, inspiratory and expiratory limb water traps and humidifier line.				

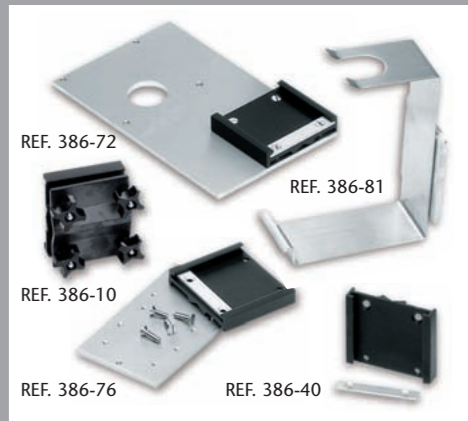
NEONATAL VENTILATOR CIRCUITS

Specially designed for use with the CONCHATHERM IV and NEPTUNE heated humidification systems, the Hudson RCI heated-wire neonatal circuits include adaptors necessary for maximum set-up versatility. Conventional neonatal circuits are also available. Constructed of light-weight, drapable polyethylene tubing, Hudson RCI neonatal circuits are individually packaged.

NEONATAL HEATED-WIRE VENTILATOR CIRCUITS

REF.	LENGTH	QTY	ILLUSTRATION
Poly Neonatal Ventilator Circuit			
780-13	120 cm	20	
Single 21-Volt heated limb circuit with remote temperature port, expiratory limb water trap and humidifier line.			
Poly Neonatal Ventilator Circuit			
780-14	120 cm	20	
Single 21-Volt heated limb circuit with remote temperature port, inspiratory and expiratory limb water traps and humidifier line.			
Poly Neonatal Ventilator Circuit			
780-07	120 cm	20	
21-Volt dual heated limb circuit with remote temperature port and humidifier line.			
Poly Neonatal Ventilator Circuit			
780-15	120 cm	20	
21-Volt dual heated limb circuit with remote temperature port, inspiratory and expiratory limb water traps and humidifier line.			

BRACKETS (Sold individually)



Universal Pole Mount Bracket
REF. 386-10

Wall Bracket
REF. 386-40

Puritan-Bennett 7200 Ventilator Bracket
REF. 386-72

Siemens and ADVENT Ventilator Bracket
REF. 386-75

LP6, LP10, PLV-100, Puritan-Bennett COMPANION 2801 Ventilator Bracket
REF. 386-76

Mini Reservoir Bracket for Mini Reservoir
REF. 386-79

Reservoir Bracket
REF. 386-81

Infrasonics Adult Star
REF. 386-49

Dräger Evita 2 & 4 Center Pedestal Cart
REF. 386-58

Bird 6400, 8400 & VIP
REF. 386-65

PB MA-1, MA-2, MA 2+2, Bear 5, 1000
REF. 386-70

Bird 6400, 8400, VIP, & T-Bird Hill Rom Rail Mounting Racket
REF. 386-73

Bear 1, 2, 3
REF. 386-77

Puritan-Bennett 2800
REF. 386-78

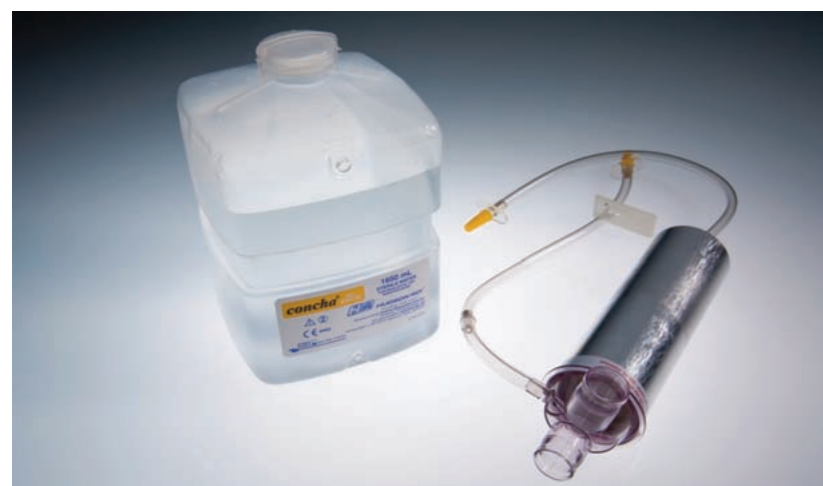
Puritan-Bennett 840
REF. 386-82

Universal Clamp
REF. 386-09

The ConchaTherm Neptune Heated Humidifier offers the utmost in simplicity while providing the clinician with the ability to make adjustments and customize settings. From responding to unique patient or environmental challenges, to keeping up with hospital protocols, the ConchaTherm Neptune Heated Humidifier is versatile enough to handle all needs.

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CONCHAPAK



Self-contained water system for use with CONCHATHERM heaters. Includes disposable standard or low-compliance column and 1650 ml sterile water reservoir.

Safe, reliable gravity-feed system provides uninterrupted water flow. Easy reservoir and column replacement.

REF.	QTY	DESCRIPTION
Low-Compliance Column		
43 82 20	24	For use in most applications requiring more constant compressible volume and compliance or CPAP applications with continuous gas flow less than 50 LPM <ul style="list-style-type: none"> Compressible volume: 248 ml ± 12 ml Compliance: 0.25 ml cm H₂O
CONCHAPAK		
43 85 20	6	Low-compliance CONCHA-COLUMN with CONCHA sterile water 1650 ml reservoir <ul style="list-style-type: none"> right-angle port
Concha Standard Column		
43 82 60	24	For use in most adult ventilatory applications <ul style="list-style-type: none"> Compressible volume: 103 ml when reservoir is full; 268 ml when reservoir is at refill line
CONCHAPAK		
43 85 60	6	Standard CONCHA-COLUMN with CONCHA sterile water 1650 ml <ul style="list-style-type: none"> right-angle port
CONCHA Reservoir		
43 81 50	6	CONCHA sterile water 1650 ml reservoir
CONCHA MINI Reservoir		
43 81 51	20	CONCHA MINI sterile water 440 ml reservoir
CONCHA MINI Reservoir		
43 81 52	10	CONCHA MINI sterile water 760 ml reservoir

CONCHA NEPTUNE SYSTEM ACCESSORIES

A variety of temperature probes, adaptors and attachments designed specifically for CONCHATHERM heated humidifiers enhance the CONCHA system's versatility and adaptability.



Adult Probe Adaptor
(Qty 24)
REF 380-74

CONCHA Tubing Adaptor
(Qty 30)
REF 384-00

CONCHA Hose Adaptor (5/16 in.)
(Qty 30)
REF 384-10

CONCHA Oxygen Diluter
Adjustable 26% - 90%
(Qty 30)
REF 384-26

CONCHA Nebulizer Adaptor
Adjustable 28% to 90%
(Qty 30)
REF 388-28

Adult Dual-Thermistor Probe
210 cm, Right-angle proximal probe
(sold individually)
REF 395-90

Paediatric Dual-Thermistor Probe
210 cm, Straight-tip proximal probe
(sold individually)
REF 395-99

ARROW

RÜSCH

HUDSON RCI

Gibeck

RÜSCH CARE

MEDICAL SERVICE

WECK

Pilling

PLEUR-EVAC

DEKNATEL

TAUT

Teleflex Incorporated is a diversified company with business interests in the aerospace, marine, industrial and medical markets. Teleflex Medical has been for years a global supplier of innovative and quality products and services. Teleflex Medical is comprised of three divisions or business units: Surgical, Medical and OEM.

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NEPTUNE
Powered by ConchaTherm™ Technology

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