F&P BUBBLE CPAP SYSTEM

Fisher & Paykel Healthcare developed the Bubble CPAP System for use with spontaneously breathing infants requiring respiratory support.

The F&P Bubble CPAP System incorporates unique features and world-leading humidification technology to provide a respiratory support system that is safe, effective and easy to use.

The F&P Infant Interface complements the Bubble CPAP System, providing comfort and optimal CPAP support to the infant at risk using nasal prongs or nasal masks.
Complete System

The F&P Bubble CPAP System is the first complete system for providing Bubble CPAP and includes the Bubble CPAP generator, heated breathing circuits and pressure manifold. The available models include:

- BC163 – connects to the F&P Infant Interface
- BC153 – connects to other infant CPAP interfaces (e.g., T-bar prong & interface)
- BC173 – connects to Flow Driver or equivalent

The F&P Infant Interface Starter Kits include the FlexiTrunk™ nasal tubing, the infant bonnets and nasal prongs (nasal masks are available separately). The FlexiTrunk™ is lightweight nasal tubing with a unique, flexible extension comprised of a vapor-permeable membrane to maximize condensate control and provides stable prong and mask fixation while allowing for normal infant movement.

Safe and Reliable

- The unique auto-level mechanism of the Bubble CPAP generator provides consistent and accurate delivery of CPAP
- The pressure manifold with pressure relief valve promotes infant safety

Easy to Use

- Easy auto-leveling by simply adding water into the Fill Funnel on the Bubble CPAP generator
- Excess condensate automatically drains into the detachable overflow container (see image on right)
- Detachable overflow container can be emptied without interrupting CPAP
- Mounting bracket is incorporated on the back of the Bubble CPAP generator

Optimum Humidification

- The F&P Bubble CPAP System provides respiratory support with body-temperature pressure-saturated gases to the infant
- Optimal humidity promotes mucociliary clearance and reduces the work of breathing

Simple yet Versatile

- Adjustable CPAP from 3 to 10 cmH₂O
- The Bubble CPAP System can connect to various interfaces
FOCUS ON FEATURES

**Bubble CPAP Circuit**
- Spiral heater-wire provides even heat distribution, reducing heat loss and condensate build-up
- Aims to deliver optimal humidity

**Bubble CPAP Pressure Manifold**
- Limits the pressure delivered in the event of an occlusion
- Allows connection to a pressure-monitoring device and/or an air/oxygen analyzer

**MR290 Humidification Chamber**
- Auto-fill, easy to use
- Maintains constant CPAP
- Closed system minimizes the risk of infection
- Sold separately

**Bubble CPAP Generator**
- Adjustable CPAP from 3 to 10 cmH₂O
- Detachable overflow container allows uninterrupted CPAP when overflow container is being emptied
- Includes separate Fill Funnel
- Mounts onto a standard pole-mount bracket
F&P Bubble CPAP SYSTEM | SPECIFICATIONS

**F&P BUBBLE CPAP SYSTEM**

- **Input Flow Range**: 4 to 15 L/min
- **Recommended Input Flow**: 6 to 8 L/min
- **Set CPAP Pressure Range**: 3 to 10 cmH₂O
- **Intended Patient Population**: Premature neonates and infants up to 10 kg
- **Operating Temperature Range**: 18 to 26 °C
- **Storage Temperature Range**: -10 to 50 °C
- **Usage Period**: Single patient use, for a maximum of 7 days
- **Maximum Pressure Limit**: 17 cmH₂O @ 8 L/min
- **Oxygen Analyzer Port**: 22 mm Male or 15 mm Female
- **Pressure Monitoring Port**: Female luer
- **Respiratory Humidifier**: F&P MR850 only

**F&P BUBBLE CPAP SYSTEM MODELS**

<table>
<thead>
<tr>
<th>Product Code &amp; Description</th>
<th>BC163* Bubble CPAP System for F&amp;P Infant Interfaces</th>
<th>BC153* Bubble CPAP System for other infant CPAP interfaces</th>
<th>BC173* Bubble CPAP System for Flow Driver or equivalent</th>
<th>BC463** Starter Kit for BC163</th>
<th>BC473** Starter Kit for BC173</th>
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For ordering information, please refer to the Fisher & Paykel Healthcare Bubble CPAP Product Catalog (pn 185034235). MR850 Humidifier and MR290 Chamber must be purchased separately.

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