With the goal of improving patient care in over 120 countries, Fisher & Paykel Healthcare designed the F&P Bubble CPAP System for use with spontaneously breathing infants requiring respiratory support.

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

Adaptability to current practices has been taken into consideration with the choice of various system models.

The F&P Infant Interface complements the system, providing comfort and optimum CPAP support to the infant at risk.
The F&P Bubble CPAP System is the first complete system available in an “All-in-One Pack”. It includes the Bubble CPAP generator, heated breathing circuits, humidification chamber and pressure manifold. F&P FlexiTrunk™ is a lightweight nasal tubing with a unique, flexible extension for a stable prong and mask fixation while allowing for normal infant movement.

F&P Bubble CPAP System models include:

• BC151 – connects to other infant CPAP interfaces (e.g. Hudson and Inca prongs)
• BC161 – connects to the F&P Infant Interface
• BC171 – connects to the M672P Infant Flow Driver (IFD) or equivalent

Safe and Reliable

• Used on over a quarter of a million patients globally
• 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

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

**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
- Mounting bracket is incorporated on the back of the Bubble CPAP generator
**F&P BUBBLE CPAP SYSTEM**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Flow Range</strong></td>
<td>4 to 15 L/min</td>
</tr>
<tr>
<td><strong>Recommended Input Flow</strong></td>
<td>6 to 8 L/min</td>
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<tr>
<td><strong>Set CPAP Pressure Range</strong></td>
<td>3 to 10 cmH₂O</td>
</tr>
<tr>
<td><strong>Intended Patient Population</strong></td>
<td>Premature neonates and infants up to 10 kg</td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>18 to 26 °C</td>
</tr>
<tr>
<td><strong>Storage Temperature Range</strong></td>
<td>-10 to 50 °C</td>
</tr>
<tr>
<td><strong>Usage Period</strong></td>
<td>Single patient use, for a maximum of 7 days</td>
</tr>
<tr>
<td><strong>Maximum Pressure Limit</strong></td>
<td>17 cmH₂O @ 8 L/min</td>
</tr>
<tr>
<td><strong>Oxygen Analyzer Port</strong></td>
<td>22 mm Male or 15 mm Female</td>
</tr>
<tr>
<td><strong>Pressure Monitoring Port</strong></td>
<td>Female luer</td>
</tr>
<tr>
<td><strong>Respiratory Humidifier</strong></td>
<td>F&amp;P MR850 or MR730 only (Invasive Mode)</td>
</tr>
</tbody>
</table>

**Circuit Length**

- **BC161**: 1.1 m (3.61 ft) Inspiratory Tube, 1.2 m (3.94 ft) Expiratory Tube
- **BC151**: 1.4 m (4.59 ft) Inspiratory Tube includes 300 mm (11.8 in) extension to connect to Hudson Prongs, 1.2 m (3.94 ft) Expiratory Tube
- **BC171**: 1.1 m (3.61 ft) Inspiratory Tube, 1.2 m (3.94 ft) Expiratory Tube

**F&P BUBBLE CPAP SYSTEM MODELS**

<table>
<thead>
<tr>
<th>Product Code &amp; Description</th>
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<tbody>
<tr>
<td>BC151*</td>
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<tr>
<td>BC161*</td>
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<tr>
<td>BC171*</td>
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</table>

* Box of 10

**Note:** For ordering information, please refer to the Fisher & Paykel Healthcare Bubble CPAP Product Catalogue (Part No. 185043599). MR850 Humidifier must be purchased separately.

**www.fphcare.com**