

# F&P Bubble CPAP

## Bubble CPAP System



### 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.



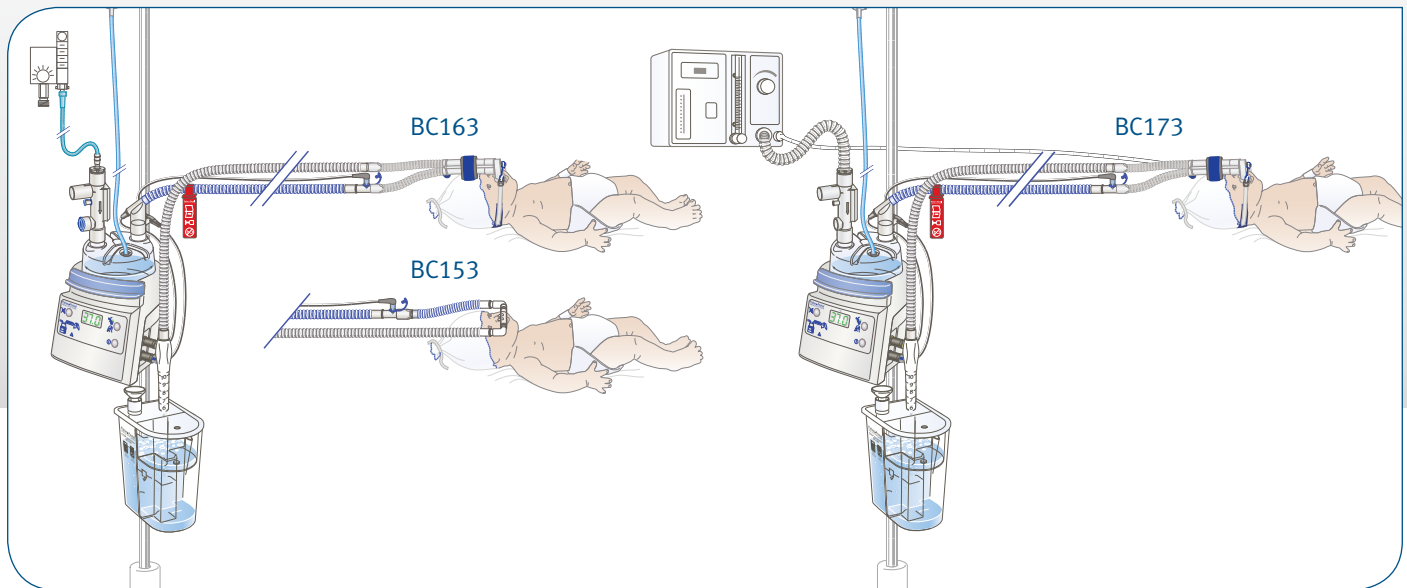
# F&P Bubble CPAP SYSTEM | FEATURES

## 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 cmH<sub>2</sub>O
- The Bubble CPAP System can connect to various interfaces



# FOCUS ON FEATURES



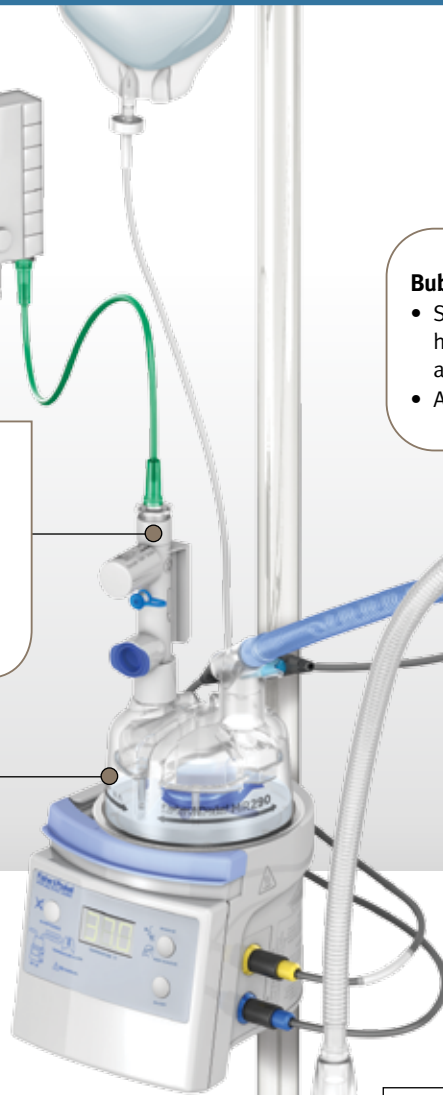
## Bubble CPAP Pressure Manifold

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



## Bubble CPAP Circuit

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



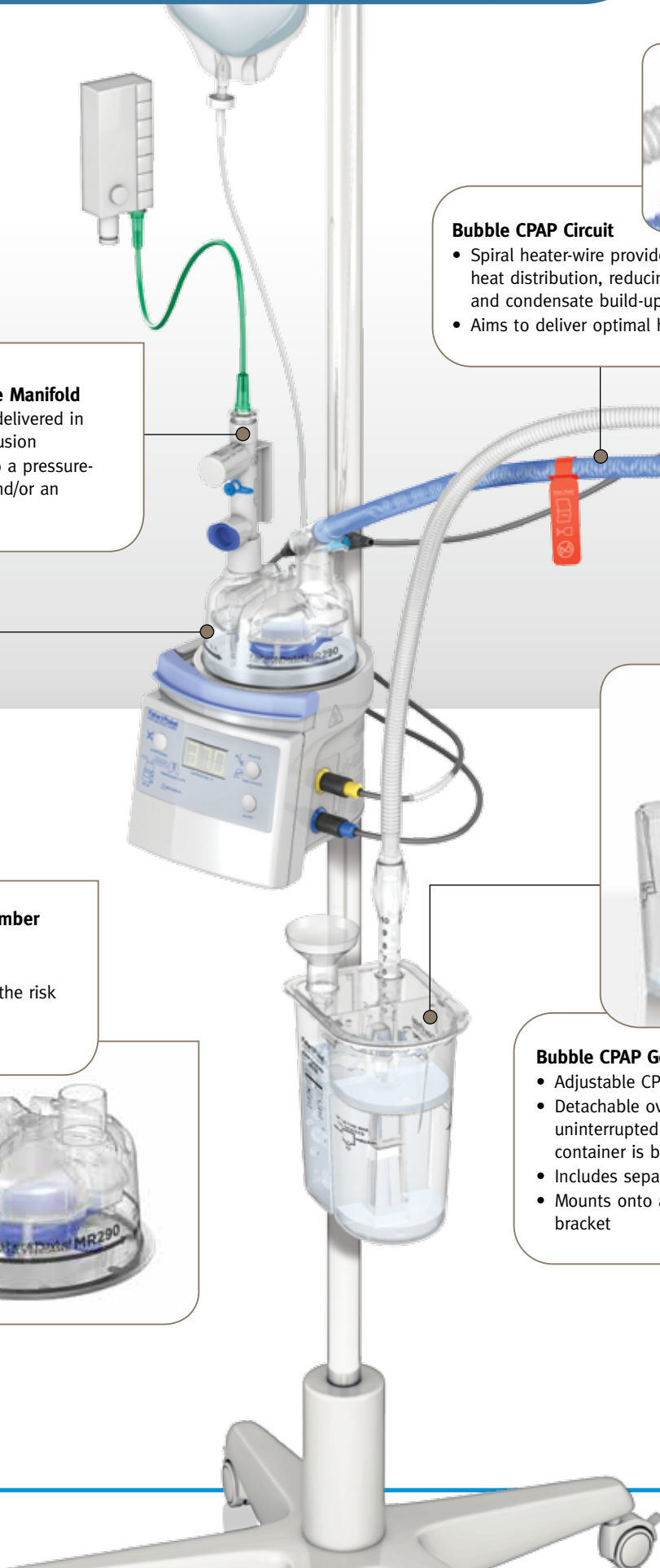
## MR290 Humidification Chamber

- 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 cmH<sub>2</sub>O
- Detachable overflow container allows uninterrupted CPAP when overflow container is being emptied
- Includes separate Fill Funnel
- Mounts onto a standard pole-mount bracket

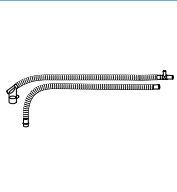
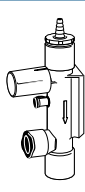
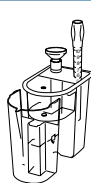


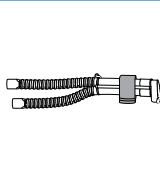



# F&P Bubble CPAP SYSTEM | SPECIFICATIONS

## 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 cmH <sub>2</sub> O
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 cmH <sub>2</sub> O @ 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

Product Code & Description							
<b>BC163*</b> Bubble CPAP System for F&P Infant Interfaces	•	•	•				
<b>BC153*</b> Bubble CPAP System for other infant CPAP interfaces	•	•	•				
<b>BC173*</b> Bubble CPAP System for Flow Driver or equivalent	•		•	•			
<b>BC463**</b> Starter Kit for BC163	•	•	•		•	•	•
<b>BC473**</b> Starter Kit for BC173	•		•	•	•	•	•

\* Box of 10 | \*\* Box of 5

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.

[www.fphcare.com](http://www.fphcare.com)

**Manufacturer** ■ Fisher & Paykel Healthcare Ltd, 15 Maurice Paykel Place, East Tamaki, Auckland 2013, PO Box 14 348, Panmure, Auckland 1741, New Zealand Tel: +64 9 574 0100 Fax: +64 9 574 0158 Email: info@fphcare.co.nz Web: www.fphcare.com **Australia** Tel: +61 3 9879 5022 Fax: +61 3 9879 5232 **Austria** Tel: 0800 29 31 23 Fax: 0800 29 31 22 **Benelux** Tel: +31 40 216 3555 Fax: +31 40 216 3554 **China** Tel: +86 20 3205 3486 Fax: +86 20 3205 2132 **France** Tel: +33 1 6446 5201 Fax: +33 1 6446 5221 **Germany** Tel: +49 7181 98599 0 Fax: +49 7181 98599 66 **India** Tel: +91 80 4284 4000 Fax: +91 80 4123 6044 **Irish Republic** Tel: 1800 409 011 **Italy** Tel: +39 06 7839 2939 Fax: +39 06 7814 7709 **Japan** Tel: +81 3 3661 7205 Fax: +81 3 3661 7206 **Northern Ireland** Tel: +0800 132 189 **Spain** Tel: +34 902 013 346 Fax: +34 902 013 379 **Sweden** Tel: +46 8 564 76 680 Fax: +46 8 36 63 10 **Switzerland** Tel: 0800 83 47 63 Fax: 0800 83 47 54 **Taiwan** Tel: +886 2 8751 1739 Fax: +886 2 8751 5625 **Turkey** Tel: +90 312 354 34 12 Fax: +90 312 354 31 01 **UK** (EU Authorised Representative) Fisher & Paykel Healthcare Ltd, Unit 16, Cordwallis Park, Clivemont Road, Maidenhead, Berkshire SL6 7BU, UK Tel: +44 1628 626 136 Fax: +44 1628 626 146 **USA** Tel: +1 800 446 3908 or +1 949 453 4000 Fax: +1 949 453 4001