

Bubble CPAP

Bubble generator | SPECIFICATIONS



PRODUCT SPECIFICATIONS		
Product codes	BC161/163*	BC151/153*
Patient interface	Fisher & Paykel Healthcare Flexitrunk™	Hudson Nasal Prongs
PERFORMANCE SPECIFICATIONS		
Maximum pressure limit	17 cm H ₂ O at 8 L/min	
Resistance to flow	Expiratory Limb: 0.05 ± 0.022 cmH ₂ O @ 2.5 L/min	
Flow rate range	4-15 L/min	
CPAP range	3-10 cm H ₂ O	
Circuit compressible volume	Approx. 285 mL	
Circuit compliance	0.8 ± 0.16 mL/cmH ₂ O @ 60 cmH ₂ O	
Operating temperature range °C	18-26 °C / 64-79 °F	
Length of circuit tubing	Inspiratory 1.1 m Expiratory 1.2 m	Inspiratory 1.4 m Expiratory 1.2 m
Circuit tubing internal diameter	Inspiratory limb approximately 11 mm	
Oxygen monitoring port sizes	22 mm male or 15 mm female	
Pressure monitoring port size	Female luer	
Humidifier compatibility	MR850 or MR730 humidifiers	
Humidifier mode	MR850: 37° (intubation), MR730: 40°, -3	
Duration of use	Single patient use, 7 days	
Recommended gas source	Medical grade blended air and oxygen from an air/oxygen blender	
COMPONENTS AND COMPOSITION		
Pack components	MR290 humidification chamber**, pressure manifold, bubble CPAP generator, bubble CPAP circuit	
Predominant materials	Polystyrene, polypropylene, polyethylene, ABS, copper/nickel	
Chamber materials**	Polystyrene, ABS, polyethylene, thermoplastic elastomer, polycarbonate, polypropylene, silicone, PVC, aluminium	
Materials not present	Not manufactured with natural rubber latex or phthalates (DEHP, DBP, BBP)	
Manufacturing mode	Produced in a controlled working environment	
Disposal	According to hospital protocol	
Shelf life	3 years	
REGULATORY		
Classification	Class IIa (EU), Class II (Canada), Class II (USA)	
Country of origin	New Zealand	
Notified body	TÜV SÜD Product Service GmbH, CE0123	

*Not all models are available in all markets. For a list of all available products, please contact your local Fisher & Paykel Healthcare representative.

**MR290 humidification chamber only available in BC151 and BC161 models

The set up image shown above is a representation only. Actual product may differ from what is shown. Fisher & Paykel MR850 sold separately

Please note that the information in this specifications catalogue (including product information and images) is summarized and provided for illustrative purposes only. Please refer to the relevant user instructions for more information and confirm details with your local Fisher & Paykel Healthcare representative prior to placing an order. Information subject to change without notice.