

Masimo softFlow™ junior

Nasal High Flow Therapy for Spontaneously Breathing Paediatric and Neonatal Patients in Hospital and Home-care Environments



- > Respiratory support delivered through a soft nasal cannula interface
- > Adjustable flow rate from 2 to 15 L/min in 0.5 L/min steps to permit flow rate to be tailored to the specific needs of the patient
- > Warmed humidification of air/oxygen to help provide therapy comfort and aid in mucus clearance^{1,2}
- > Ability to supplement oxygen with 0-12 L/min flow from wall supply, oxygen cylinder, or concentrator with FiO₂% shown on display
- > Integrated flow driver provides flow without the need for wall air supply
- > Condensate-free delivery of a consistent, high-velocity flow during inspiration and exhalation to enhance therapy benefits
- > Bacterial/viral filter in the hospital version between device and patient, rather than between device and room air, to reduce risk of cross-contamination

Product Features and Benefits

- > Adjustable flow rate: 2 to 15 L/min \pm 2%, adjustable in 0.5 L/min steps to tailor flow to patient needs
- > Supplemental oxygen support: 0-12 L/min, with FiO₂% indicator integrated into the display
- > Adjustable humidity: dew point from 30-37°C, adjustable in 1°C steps to tailor to patient needs
- > Integrated micro-particle filter
- > Several sizes of soft, flexible nasal prongs to suit a wide range of patients
- > Colour coded nasal cannula and sizing guide to assist with application
- > Self-adhesive pads included with cannula to position for ideal therapy
- > Optional bonnet reduces the need for fixation to the skin


Hospital Model

- > Replaceable disposable breathing filter (bacterial and viral efficiency >99.999%) to reduce risk of cross-contamination between patients
- > Autofilling humidification water chamber: no need to manually check and refill humidity chamber between uses

Home-care Model

- > Provides consistent high-flow nasal cannula therapy in the home setting
- > Large 600 mL humidification water chamber to accommodate longer use between refills
- > Humidification system compatible with drinking or demineralised water, for ease of sourcing

Product Specifications

PERFORMANCE DATA	PHYSICAL CHARACTERISTICS
Intended Population Paediatric and Children	Dimension 12.6 in x 8.2 in x 12.6 in (32 cm x 210cm x 32cm)
Flow Settings 2 to 15 l/min (adjustable in 0.5 l/min increment)	Weight >13lbs (5.6kg)
Supplemental Oxygen 0 to 12 l/min	
Humidity Dew Point 30-37 °C DP (adjustable in 1°C DP steps)	
Event Memory 12 therapy months	
ELECTRICAL	TECHNICAL DATA
AC Power Requirements 100-240 VAC, 50-60Hz	Medical Device (93/42/EEC) IIa
Power Consumption 300 VA (Max)	Safety class, electrically II
	Safety level "applied part" BF
	Ingress Protection IP21
	Electromagnetic compatibility EN 60601-1-2, Class B
	Electrical safety according to EN 60601-1
	CSA C22.2/No 60601-1
	CE marking 
	0297
ENVIRONMENTAL	
Ambient Temperature 18-26°C	
Transport/Storage Temperature -25 to +70°C	
Operating Humidity 15-93 % RH	
Storage Humidity < 93 % RH	

Masimo softFlow junior is not licensed for sale in Canada.

¹ Hasani A et al. *Chron Respir Dis* 5, no. 2 (2008): 81-86.

² Roca O et al. *Respir Care* 55, no. 4 (2010): 408-413.

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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