

F&P 820 System



820A10 and 820A10J* F&P 820 Circuit Heated Single Limb 22 mm

*J model only available in the US

Specifications

Intended use	The F&P 820 series breathing tubes are an accessory to the F&P 820 System and are compatible with F&P 820 series humidifiers. The F&P 820 System is intended to provide therapeutic levels of heat and humidity to a patient's inspired respiratory gases when using a continuous or intermittent ventilator system or a continuous gas flow. This system is intended for both noninvasive and invasive therapies. The addition of heat and humidity to the supply of cold and dry respiratory gases provided through noninvasive or invasive ventilation is beneficial to prevent drying of the patient's airways. This system is designed for adult and pediatric (excluding neonate) use in hospitals, long term care facilities and homes, under the prescription of qualified medical professionals.
Duration of Use	Up to 14 days
Use	Single patient, Single use
Shelf Life	3 years

Technical | Specifications

Interface Connections	ISO 5356-1 Conical Connectors (22 mm Male)
Breathing Tube Length	1.57 m
Breathing Tube Internal Diameter	20 mm
Flowrate range (BTPS) Invasive (Setting 4) Noninvasive (Settings 1-3)	5-40 L/min 5-70 L/min
Compliance @ 60 cmH₂O 820A10 and MR325 Breathing Set	1.20 ± 0.10 mL/cmH ₂ O (including 0.04 mL/cmH ₂ O measurement uncertainty)
Resistance to Flow Inspiratory @ 15 L/min Inspiratory @ 30 L/min	0.25 ± 0.03 cmH ₂ O 0.73 ± 0.06 cmH ₂ O (including 0.02 cmH ₂ O measurement uncertainty)
Maximum Operating Pressure	8 kPa
Gas Leakage @ 60 cmH₂O	<40 mL/min
Ambient Temperature	18-26 °C (64-79 °F)
Ambient Relative Humidity	15-90%
Pressure	700-1060 hPa

Components and Composition | Specifications

Pack Components • Heated Inspiratory Single Limb Circuit 22 mm • Dryline 0.5 m • Kitting Bag • 22 M-22 M Single-use Adapter** • Change-out label	
Filter Included?	No
Tubing Materials	HDPE, Polyethylene, Polypropylene, Denatured Alcohol
Heater-wire Materials	Copper, Polyester, Polypropylene, Brass
Manufacturing Mode	Produced in a Controlled Working Environment
Disposal	After use, dispose of the breathing tubes and accessories as per the responsible organization's or local authorities' guidelines.

**Not available in the 820A10J kit

Packaging | Specifications

Carton Dimensions	390 x 212 x 430 mm (15.4 x 8.3 x 16.9 inches)
Carton Weight	1.2 kg (2.70 lbs)
Carton Quantity	Box of 10
Packaging Material	Cardboard box and LDPE plastic bag

Regulatory | Specifications

Classification 820A10 820A10J	NZ IIa; AU IIb; EU IIa USA II
Country of Origin	New Zealand
Notified Body Identification Number	TÜV SÜD Product Services GmbH CE 0123
GTIN Number	09420012462701 (EA) 09420012468680 (PAC)
GMDN Code	37706

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