


# F&P 820 System

## 820A21

### F&P 820 Circuit Heated Dual Limb 22 mm



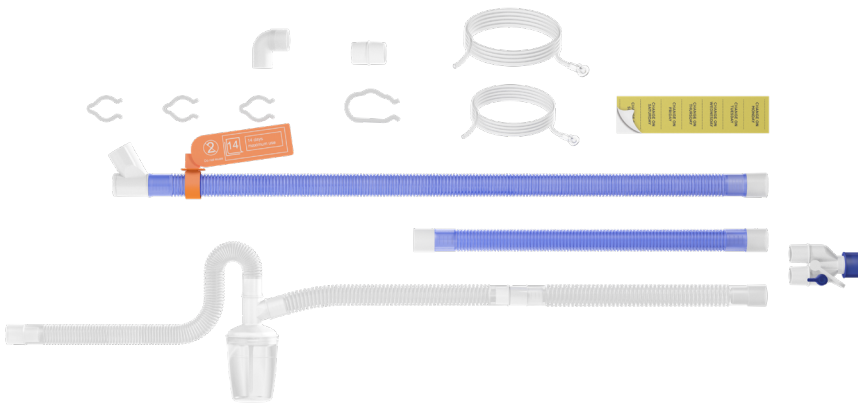
## Specifications

<b>Intended Use</b>	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.
<b>Duration of Use</b>	Up to 14 days
<b>Use</b>	Single patient, Single use
<b>Patient Population</b>	 >50 mL V <sub>T</sub> >5 kg
<b>Shelf Life</b>	3 years

## Technical | Specifications

<b>Interface Connections</b>	ISO 5356-1 Conical Connectors (22 mm Male, 15 mm Female)
<b>Breathing Tube Length</b> Inspiratory Limb Expiratory Limb (full length) Expiratory Limb (CPAP therapy extension)	1.6 m 1.9 m inclusive of CPAP extension 0.3 m
<b>Minimum Breathing Tube Internal Diameter</b>	20 mm
<b>Flowrate range (BTPS)</b> Invasive (Setting 4) Noninvasive (Settings 1-3)	5-40 L/min 5-70 L/min
<b>Compliance @ 60 cmH<sub>2</sub>O</b> 820A21 and MR325 Breathing Set	2.23 ± 0.14 mL/cmH <sub>2</sub> O (including 0.06 mL/cmH <sub>2</sub> O measurement uncertainty)
<b>Resistance to Flow</b> 820A21 and MR325 Breathing Set Inspiratory @ 15 L/min Expiratory @ 15 L/min Inspiratory @ 30 L/min Expiratory @ 30 L/min	0.26 ± 0.04 cmH <sub>2</sub> O 0.06 ± 0.03 cmH <sub>2</sub> O 0.90 ± 0.04 cmH <sub>2</sub> O 0.21 ± 0.04 cmH <sub>2</sub> O (including 0.02 cmH <sub>2</sub> O measurement uncertainty)
<b>Maximum Operating Pressure</b>	8 kPa
<b>Gas Leakage @ 60 cmH<sub>2</sub>O</b>	<40 mL/min
<b>Ambient Temperature</b>	18-26 °C
<b>Ambient Relative Humidity</b>	15-90%
<b>Pressure</b>	700-1060 hPa

## Components and Composition | Specifications

<p><b>Pack Components</b></p> <ul style="list-style-type: none"> <li>• Heated Inspiratory Limb Circuit 22 mm</li> <li>• Dryline 0.5 m</li> <li>• Expiratory Limb Components;             <ul style="list-style-type: none"> <li>- Unheated Expiratory Limb (including a CPAP Extension 0.3 m)</li> <li>- Water-trap Assembly</li> <li>- Y-piece with Pressure Port</li> <li>- Y-piece Cap</li> <li>- Pressure Port Cap</li> </ul> </li> <li>• Pressure Monitoring Lines</li> <li>• Kitting Bag Components;             <ul style="list-style-type: none"> <li>- Change-out Label</li> <li>- Adaptor 22M/22M Single Use</li> <li>- Adaptor 22M-22F 90 Degree Elbow</li> <li>- Single Circuit Clips (Single Use)</li> <li>- Double Circuit Clips (Single Use)</li> </ul> </li> </ul>	
<b>Filter Included?</b>	No
<b>Tubing Materials</b>	HDPE, Polyethylene, Polypropylene, Denatured Alcohol, Acetal, Santoprene, Polyvinyl Chloride, Polystyrene, Styrene Butadiene Copolymer, Adhesive
<b>Heater-wire Materials</b>	Copper, Polyester, Polypropylene, Brass, Denatured Alcohol
<b>Manufacturing Mode</b>	Produced in a Controlled Working Environment
<b>Disposal</b>	After use, dispose of the breathing tubes and accessories as per the responsible organization's or local authorities' guidelines.

## Packaging | Specifications

<b>Carton Dimensions</b>	771 x 204 x 419 mm
<b>Carton Weight</b>	0.72 kg (carton only) 5 kg (inclusive of product and user instructions)
<b>Carton Quantity</b>	Box of 10
<b>Packaging Material</b>	Cardboard box and LDPE plastic bag

## Regulatory | Specifications

<b>Classification</b>	NZ IIa, CA II, EU IIa
<b>Country of Origin</b>	New Zealand
<b>Notified Body Identification Number</b>	TÜV SÜD Product Services GmbH CE 0123
<b>GTIN Number</b>	09420012468697 (EA) 09420012468703 (PAC)
<b>GMDN Code</b>	37706

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For patent information, see [www.fphcare.com/ip](http://www.fphcare.com/ip)

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