

# F&P 850 System

## 850A61/850A61J – F&P 850 AirSpiral™ Adult NIV and NHF circuit kit



### Specifications

<b>Interface Connections</b>	ISO 5356-1 Conical Connectors
<b>Compressible Volume</b>	1.0 L
<b>Compliance @ 60 cmH<sub>2</sub>O</b> With Accessories Without Accessories	1.46 ± 0.13 mL/cmH <sub>2</sub> O 1.25 ± 0.12 mL/cmH <sub>2</sub> O (including 0.06 mL/cmH <sub>2</sub> O measurement uncertainty)
<b>Resistance to Flow @ 30 L/min</b> With Accessories Without Accessories	1.23 ± 0.13 cmH <sub>2</sub> O 1.11 ± 0.13 cmH <sub>2</sub> O (including 0.03 cmH <sub>2</sub> O measurement uncertainty)
<b>Breathing Tube Length</b>	1.60 m
<b>Minimum Tube Internal Diameter</b>	17 mm
<b>Gas Leakage @ 60 cmH<sub>2</sub>O</b>	< 40 mL/min
<b>Humidifier Compatibility</b>	Compatible with Fisher & Paykel Healthcare MR850 humidifiers. Refer to humidifier user instructions
<b>Duration of Use</b>	14 days
<b>Use</b>	Single Patient
<b>Shelf Life</b>	3 years

### Performance | Specifications

Overall Performance at 20 °C to 26 °C Ambient Temperature	Invasive Mode	Noninvasive / Mask Mode
<b>Humidification Output</b>	> 33 mg/L	> 12 mg/L
<b>Flow Rate</b>	10 - 60 L/min	5 - 120 L/min

### Circuit components and Composition | Specifications

<p><b>Pack Components</b> Dryline 0.5m, Inspiratory filter, Inspiratory AirSpiral, FlexiTube, Non-DEHP MR290V Chamber, Clip Single Circuits 1-Use, Gown Clip, Pressure Line, Adaptor, Exhalation Port, Change Out Label</p>	
<b>Filter Included?</b>	Yes
<b>Manufacturing Mode</b>	Produced in a Controlled Working Environment
<b>Disposal</b>	Incineration or according to hospital protocol

## Materials | Specifications

<b>Chamber</b>	ABS, polystyrene, polyethylene, thermoplastic elastomer, aluminium, ink, polypropylene, adhesive, polycarbonate, filter, silicone, not made with DEHP
<b>Other Components (Circuit)</b>	Polyethylene, polypropylene, polycarbonate, thermoplastic elastomer, tin, copper, nickel, gold, aluminium, silicone, PVC
<b>Contains DEHP?</b>	No
<b>Contains Latex?</b>	No
<b>Mercury Content</b>	Not made with materials containing mercury or mercury compounds

## Chamber (MR290) | Specifications

<b>Interface Connections</b>	ISO 5356-1 Conical Connectors (22mm Male)
<b>Compliance</b>	0.4 mL/cmH <sub>2</sub> O
<b>Compressible Volume</b>	280 mL
<b>Resistance to Flow @ 60 L/min</b>	0.52 cmH <sub>2</sub> O
<b>Maximum Operating Pressure</b>	8 kPa
<b>Maximum Peak Flow</b>	180 L/min for 30 sec
<b>Gas Leakage</b>	< 10 mL/min

## Filter | Specifications

	<b>Filtration Efficiency</b>	<b>Challenge Organism and Particle Size</b>
Viral	> 99.99%	ΨX174 Bacteriophage
Bacterial	> 99.9997%	Bacillus subtilis (3 µm)
Salt Test	98.17%	NaCl (0.3 µm)

## Packaging | Specifications

<b>Carton Dimensions</b>	740 x 205 x 395 mm (29.1 x 8.1 x 15.6 inches)
<b>Carton Weight</b>	4.88 kg (10.76 lbs)
<b>Carton Quantity</b>	Box of 10 circuit kits
<b>Packaging Material</b>	Cardboard box

## Regulatory | Specifications

<b>Classification</b>	Australia IIa, Europe IIa, Canada II, USA II
<b>Country of Origin</b>	New Zealand
<b>Intended Use</b>	For the delivery of heated, humidified breathing gases to spontaneously breathing adult patients requiring respiratory support. This breathing set is suitable for use with Fisher & Paykel Healthcare MR850 Humidifiers in hospital and long-term care environments
<b>Notified Body Identification Number</b>	TÜV SÜV Product Services GmbH CE 0123
<b>GTIN Number</b>	09420012469021 (EA) 09420012469014 (PAC)
<b>UNSPSC Number</b>	42272224
<b>GMDN Code</b>	33706
<b>Biocompatibility</b>	Meets standards: ISO 10993-1 and ISO 18562-1

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