

F&P 850

BREATHING CIRCUITS (Adult)

RT219 – Bi-Level/CPAP Circuit



Specifications

Interface Connections	ISO 5356-1 Conical Connectors
Compressible Volume	1468 mL (excluding extension)
Compliance @ 60 cmH ₂ O	4.17 mL/cmH ₂ O
Resistance to Flow @ 30 L/min	0.26 ± 0.04 cmH ₂ O (including 0.03 cmH ₂ O measurement uncertainty)
Circuit Length	1.8 m
Gas Leakage @ 60 cmH ₂ O	<40 mL/min
Humidifier Compatibility	Compatible with Fisher & Paykel Healthcare MR850 humidifiers. Refer to humidifier user instructions
Duration of Use	7 days
Use	Single patient
Shelf Life	5 years

Performance | Specifications

Overall Performance at 20 °C to 26 °C Ambient Temperature	Noninvasive Mode (Mask Mode)	Invasive Mode
Humidification Output	>12 mg/L	>33 mg/L
Flow Rate	3-120 L/min	16-60 L/min

Circuit components and composition | Specifications

Pack Components Dryline 0.5 m, Inspiratory Limb-Large, Pressure Monitoring Sys-Vision, Flexitube Exhalation Port, Non-DEHP MR290V Chamber, Clip Easy Swivel, Vision Clip, Change Out Label	
Filter Included?	No
Manufacturing Mode	Produced in a Controlled Working Environment
Disposal	Incineration or according to hospital protocol

Materials | Specifications

Chamber	Adhesive, Aluminium, Ink, Polyethylene, polypropylene, PET, Copper, Polyester, TPE, Acetal, Non DEHP PVC, Polycarbonate, Polystyrene, ABS, Silicone
Other Components (Circuit)	Polyethylene, polypropylene, PET, Copper, TPE, Acetal
Contains DEHP?	No
Contains Latex?	No
Mercury Content	Not made with materials containing mercury or mercury compounds

Chamber (MR290) | Specifications

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

Packaging | Specifications

Carton Dimensions	422 x 214 x 776 mm (16.6 x 8.4 x 30.6 inches)
Carton Weight	4.82 kg (10.63 lbs)
Carton Quantity	Box of 10 Circuit kits
Packaging Material	Cardboard box

Regulatory | Specifications

Classification	Australia Ila, Europe Ila, Canada 2, Japan II, USA 2
Country of Origin	New Zealand
Intended Use	The RT219 circuit is indicated for use by medical professionals with adult patients requiring respiratory support, Bi-level or CPAP therapy.
Notified Body Identification Number	TÜV SÜD Product Services GmbH CE 0123
GTIN Number	09420012430311 (EA) 09420012417862 (PAC)
UNSPSC Number	42272224
GMDN Code	37706