

BREATHING CIRCUITS (Adult)

RT380 – Adult ventilator circuit dual heated with Evaqua™ technology



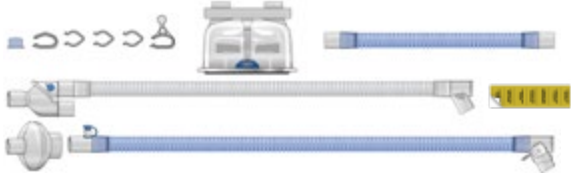
Specifications

Interface Connections	ISO 5356-1 Conical Connectors
Compressible Volume	1.60 L
Compliance @ 60 cmH₂O Without Accessories With Accessories	2.18 ± 0.11 mL/cmH ₂ O 2.6 ± 0.6 mL/cmH ₂ O <i>(including 0.02 mL/cmH₂O measurement uncertainty)</i>
Resistance to Flow @ 30 L/min Without Accessories Inspiratory limb Expiratory limb With Accessories Expiratory limb	0.77 ± 0.05 cmH ₂ O 0.2 ± 0.04 cmH ₂ O <i>(including 0.03 cmH₂O measurement uncertainty)</i> 0.99 ± 0.11 cmH ₂ O <i>(including 0.03 cmH₂O measurement uncertainty)</i>
Breathing Tube Length	1.60 m
Minimum Tube Internal Diameter	20 mm
Gas Leakage @ 60 cmH₂O	< 40 mL/min
Tidal Volume	> 120 mL
Humidifier Compatibility	Compatible with Fisher & Paykel Healthcare MR850 humidifiers. Refer to humidifier user instructions
Duration of Use	14 days
Use	Single patient
Shelf Life	5 years

Performance | Specifications

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

Circuit Components and Composition | Specifications

Pack Components Dryline 0.5 m, expiratory filter, expiratory EVAQUA 2, Inspiratory Microcell™, Non-DEHP MR290V Chamber, Y-piece, Clip Double Circuits 1-Use, Clip Single Circuits 1-Use, Adapter, Cap, Hanger Circuit Single Use, Change Out Label	
Filter Included?	Yes
Manufacturing Mode	Produced in a Controlled Working Environment
Disposal	Incineration or according to hospital protocol

Materials | Specifications

Chamber	ABS, polystyrene, polyethylene, thermoplastic elastomer, aluminum, ink, polypropylene, adhesive, polycarbonate, filter, silicone, DEHP-free PVC
Other Components (Circuit)	Cyanoacrylate, Brass, polyethylene, high-density polyethylene, acetal, thermoplastic elastomer, polypropylene, modacrylic, polyether-ester elastomer, polycarbonate, linear low-density polyethylene
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 (22 mm Male)
Compliance	0.4 mL/cmH ₂ O
Compressible Volume	280 mL
Resistance to Flow @ 60 L/min	0.52 cmH ₂ O
Maximum Operating Pressure	8 kPa
Maximum Peak Flow	180 L/min for 30 sec
Gas Leakage	< 10 mL/min

Filter | Specifications

Filtration Efficiency	> 99.99%
Viral Organism	ΦX174 Bacteriophage
Bacterial Organism	> 99.9997%
Mean Particle Size	Bacillus subtilis
NaCl	3 μm
	98.04%

Packaging | Specifications

Carton Dimensions	770 x 210 x 425 mm (30.3 x 8.3 x 16.7 inches)
Carton Weight	5.70 kg (12.57 lbs)
Carton Quantity	Box of 10 circuit kits
Packaging Material	Cardboard box

Regulatory | Specifications

Classification	Au IIa, EU IIa, Canada II, USA II
Country of Origin	New Zealand Mexico
Intended Use	For delivery of breathing gases to adult patients requiring respiratory support. For use in an Intensive Care environment in conjunction with life support equipment.
Notified Body Identification Number	TÜV SÜD Product Services GmbH CE 0123
GTIN Number	09420012429728 (EA) 09420012424181 (PAC)
UNSPSC Number	42272224
GMDN Code	37706
Biocompatibility	Meets standards: ISO 10993-1, ISO 10993-3, ISO 10993-5, ISO 10993-6, and ISO 10993-10

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For patent information, see www.fphcare.com/ip

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