JACKSON-REES ANESTHESIA BREATHING CIRCUIT

SINGLE USE | NON-STERILE | LATEX FREE

DEVICE MANUFACTURING SPECIFICATIONS	
Reference Product	Jackson-Rees Circuit
Manufacturer (Legal)	Vyaire
Manufacturer Address	Vyaire Medical Inc. 26125 N. Riverwoods Blvd. Mettawa, IL 60045 USA
Made In	China
Classification — US	Class I
FDA Product Code	OFP - Anesthesia Breathing Circuit Kit (Adult & Pediatric) BTC - Bag, Reservoir BZA - Airway Connector CAI - Circuit, Breathing (W Connector, Adapter, Y Piece)
Classification — Australia	Class IIa
Classification — Brazil	Class II
Classification — Canada	Class II
Classification — Japan	Class II
Classification — EU	Class IIa, Rule II
CE Mark	CE 2797
EMDN Code	R0302 - Breathing Bag R020101 - Anesthesia Circuits R020302 - Anesthesia Adapters & Connectors R020108 - Anesthesia Gas Sampling Circuits and Kits
GMDN Code	37704 - Anesthesia Breathing Circuits, Single-Use
UMDNS Code	10139 - Breathing Circuits, Anesthesia
UNSPSC Code	42272505 - Gas Anesthesia Apparatus Tubes, Tubing Assemblies, Tube Fittings, Accessories
Usage	Single Use, 7 Days
Area of Use	Hospital, ICU, Anesthesia, Respiratory Therapy, During Transport, and With Resuscitators
Sterility	Non-Sterile; Packaging for non-sterile devices is intended to protect the product from dust and does not provide a sterile barrier.
Patient Population	Pediatric, Adult
Packaging	Individually Packaged, 20/Case
Storage Conditions	-20°C (-4°F) to 40°C (104°F)
Disposal Instructions	Safely dispose in accordance with local, state, or national regulations.

Description: The Jackson-Rees circuit, also referred to as a Mapleson F circuit, is an anesthetic breathing circuit widely used in pediatric and neonatal anesthesia. The circuit provides a direct connection between the fresh gas hose and fresh gas outlet on the anesthesia machine.

Intended Purpose: The Jackson-Rees circuit helps in respiratory monitoring or assisting the respiration. It also helps in venting out excess gas.

Compatibility: For use with most anesthesia machines. Use 15 mm/22 mm ISO 5356-1 standard ports.

Contraindiction: No contraindictions are known at this time.



DEVICE MATERIAL

Component	Material
Materials Included in the Jackson-Rees Circuit	Ethylene Vinyl Acetate (9% EVA), Polyethylene, Polypropylene, Low Density Polyethylene (LDPE), High Density Polyethylene (HDPE), Poly Vinyl Chloride, Styrene Butadiene (Synthetic Latex Polymer), Thermoplastic Elastomer (TPE)

Biocompatibility Evaluation: Per EN ISO 18562-1:2020, ventilator circuits and components are part of the gas pathway. These devices do not contain natural rubber latex or BPA. These devices are REACH compliant and do not contain 3TG conflict minerals. The Jackson-Rees circuit does contain DEHP.

DEVICE SPECIFICATIONS

Description	Specification
Tubing Length	36" (0.9 m), 72" (1.8 m), 96" (2.4 m), 120" (3.0 m)
Tubing Internal Diameter	15 mm
Connectors/Adapters	15 mm/22 mm, Right Angle F/M, Straight F/M, Straight M/M
Breathing Bag	1.0 L, 2.0 L, 3.0 L
Gas Sampling Line	10' (3.0 m)
Ventilator Corrugated Tubing Connector	15 mm

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Part Number	Description	Hose	Circuit	Bag Size	Elbow	Accessories	UOM	GTIN/UDI
5101ELW1	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	1 L, LF	Sampling Port	Hose Clip, Washington Tee, O_2 Tubing	Each	10190752118614
							Case	50190752118612
5101FVW1	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	1 L, LF, Vent Valve	Sampling Port	Hose Clip, Washington Tee, O_2 Tubing	Each	10190752118638
							Case	50190752118636
5101EVW	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	1 L, LF, Vent Valve	Sampling Port	Hose Clip, Washington Tee, O_2 Tubing	Each	10190752118621
							Case	50190752118629
5101BVL1	Anesthesia Circuit, Jackson-Rees	5' n(1.5 m)	10'' (0.25 m)	1 L, LF	Sampling Port	Fresh Gas, Scavenger, O_2 Tubing	Each	10190752118560
							Case	50190752118568
5102CHIL	Anesthesia Circuit, Jackson-Rees	7' (2.1 m)	10'' (0.25 m)	2 L, LF	Sampling Port	Hose Clip, Washington Tee, O_2 Tubing	Each	10190752118669
							Case	50190752118667
5102BV	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	2 L, LF	Sampling Port	Fresh Gas, Hose Clip, O_2 Tubing	Each	10190752118652
							Case	50190752118650
5101CKLF	Anesthesia Circuit, Jackson-Rees	7' (2.1 m)	10'' (0.25 m)	1 L, LF, Vent Valve	Sampling Port	Washington Tee, O_2 Tubing	Each	10190752118591
							Case	50190752118599
5101VS	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	1 L, LF	Sampling Port	Fresh Gas, Hose Clip, O_2 Tubing	Each	10190752118645
							Case	50190752118643
5101CHIL	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	1 L, LF, Vent Valve	Sampling Port	Hose Clip, Washington Tee, O_2 Tubing	Each	10190752118584
							Case	50190752118582
5101COOK	Anesthesia Circuit, Jackson-Rees	7' (2.1 m)	10'' (0.25 m)	1 L, LF, Vent Valve	Sampling Port	Washington Tee, O_2 Tubing	Each	10190752118607
							Case	50190752118605
5101BVWE	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	1 L, LF, Vent Valve	Sampling Port	Hose Clip, Washington Tee, O_2 Tubing	Each	10190752118577
							Case	50190752118575
5104CKLF	Anesthesia Circuit, Jackson-Rees	7' (2.1 m)	10'' (0.25 m)	0.5 L, LF, Vent Valve	Sampling Port	Washington Tee, O_2 Tubing	Each	1019075211876
							Case	50190752118766
5104BV	Anesthesia Circuit, Jackson-Rees	5' (1.5 m)	10'' (0.25 m)	0.5L, LF, Vent Valve	Sampling Port	Fresh Gas, Hose Clip, O_2 Tubing	Each	10190752118744
							Case	50190752118742

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