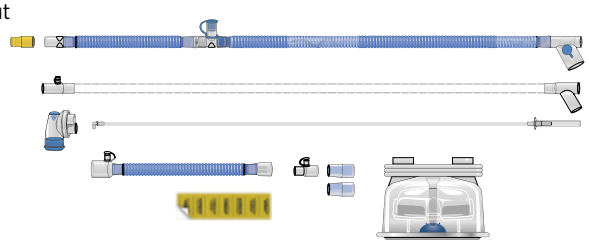
F&P 850

# RT269 | SPECIFICATIONS

Infant Ventilator Circuit Dual Heated with MR290 Autofeed Chamber for SLE6000

| CIRCUIT COMPONENTS AND COMPOSITION | |
|---|---|
| **Pack Components** | 1.1 m heated inspiratory limb, 0.3 m incubator extension, 1.6 m heated expiratory tube with Evaqua™ 2 technology, 0.6 m humidifier connection tube with SLE6000 connector and nitric oxide port, swivel wye-piece, MR290V autofeed humidification chamber, pressure line, SLE restrictor, adaptor kit, label kit change out  |
| **Materials** | Polypropylene, polycarbonate, thermoplastic elastomer, linear low-density polyethylene, low-density polyethylene, high-density polyethylene, polyether ester elastomer, silicone, nylon, brass, styrene resin, cyanoacrylate, DEHP-free PVC. Not made with natural rubber latex. |
| **Quantity** | 10 circuits per carton |
| **Carton Dimensions and Weight** | Length: 530 mm; Width: 210 mm; Height: 400 mm; Weight: 3.98 kg |
| **Carton Material** | Cardboard box |
| **Manufacturing Mode** | Produced in a Controlled Working Environment |
| **Disposal** | Dispose of product according to Hospital protocol. User may be exposed to breathing tract fluids during disposal. |
| **PERFORMANCE SPECS** | |
| **Resistance to Flow** | Inspiratory limb: 0.09 ± 0.04 $cmH_2O$<br>Expiratory limb: 0.07 ± 0.04 $cmH_2O$ @ 2.5 L/min |
| **Flow Rate** | 4 – 15 L/min |
| **Circuit Length** | Inspiratory: 1.6 m<br>Expiratory: 1.6 m |
| **Minimum Tube Internal Diameter** | 10.2 mm |
| **Ambient Range** | 20 – 26 °C / 68-79 °F |
| **Compliance** | 1.30 ± 0.15 mL/$cmH_2O$ @ 60 $cmH_2O$ |
| **Humidifier Compatibility** | MR850 humidifier |
| **Humidifier Mode** | Invasive |
| **Compressible Volume** | 762 mL |
| **Duration of Use** | 7 days |
| **Use** | Single patient |
| **Interface Connections** | ISO 5356-1 Conical Connectors |
| **Shelf Life** | 5 years |
| **Gas Leakage** | < 30 mL/min @ 60 $cmH_2O$ |
| **Storage Temperature** | Lower temp limit: -10 °C<br>Upper temp limit: 50 °C |

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| CHAMBER | MR290 |
|---|---|
| Interface Connections | ISO 5356-1 Conical connector (22 mm Male) |
| Maximum Chamber Operating Pressure | 8 kPa |
| Maximum Peak Flow | 180 L/min for 30 secs |
| Gas Leakage | < 10 mL/min @ 8 kPa |
| Materials | ABS, Polystyrene, Polyethylene, Thermoplastic Elastomer, Aluminium, Ink, Polypropylene, Adhesive, Polycarbonate, Silicone, DEHP-free PVC |
| Compliance | 0.4 mL/cm$H_2O$ |
| Compressible Volume | 280 mL |
| Resistance to Flow | At 60 L/min: 0.52 cm$H_2O$ |
| **REGULATORY** | |
| Classification | AU IIa; EU IIa; CA 2; USA II. For more Regulatory information visit: www.fphcare.com/regulatory |
| Country of Origin | New Zealand |
| Intended Use | This device is intended for the delivery of breathing gases to infant patients requiring respiratory support. |
| Notified Body Identification Number | TÜV SÜD Product Services GmBH<br>CE0123 |
| GTIN Number | 09420012458223 (EA)<br>09420012458230 (PAC) |
| UNSPSC Number | 42272224 |
| GDMN Code | 37706 |
| Biocompatibility | Meets standards: ISO 10993-3, ISO 10993-5, ISO 10993-6, ISO 10993-10, |