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</table>

Components for Single Use System Setup

- MR890 or MR891
- RT202
- RT324
- BC Series Cannula

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
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- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021

- RT205 or RT340
- RT206
- RT329
- RT019 and RT021
Respiratory Humidifiers

Respiratory Humidifier for all Respiratory Therapies

One System for All Patients
• Aims to provide optimal humidity: 37 °C, 44 mg/L for invasive ventilation, noninvasive ventilation, and Optiflow™ or Oxygen Therapy
• One button selects optimal temperature and humidification levels for neonatal, paediatric, and adult patients requiring invasive or noninvasive respiratory support
• Advanced algorithms and the ability to sense flow optimises humidification delivery and minimises nuisance alarms
• Clinically–based alarm system
• Continuous digital display of saturated gas temperature, combined with simple controls and intuitive set-up indicator
• Automatic standby during periods of gas flow interruption or water–out
• For use with heated wire breathing circuits

• Available globally

Respiratory Humidifier
• The MR810 respiratory humidifier warms and humidifies gases for continuous flow applications
• Easy to use on/off button with three temperature and humidity settings
• Integrated heater wire adaptor
• For use with heated wire or unheated breathing circuits

• Available globally
Respiratory Humidifier for all Respiratory Therapies in a Community Care Environment

- Aims to provide optimal humidity: 37 °C, 44 mg/L to your neonatal, paediatric and adult patients
- Optimal temperature and humidification levels may be selected by the clinician for patients requiring invasive or noninvasive respiratory support
- Subdued lighting of the temperature and setup indicators that only illuminate when required
- Intuitive alarms that warn the user of incorrect setup or operation
- Automatic standby during periods of gas flow interruption, or water–out
- For use with heated wire breathing circuits
- Available in France and Germany only
Humidifier Servicing Accessories

**MR850 Technical Manual**
- For use with the MR850 humidifier
- Includes:
  - Specifications
  - Operating modes and controls
  - Maintenance and cleaning procedures
  - Troubleshooting
  - Servicing procedures
  - Performance testing
  - Recommended maintenance checklist
  - Product change history
- In English only

**MR850 Technical CD**
- For use with the MR850 humidifier
- Includes:
  - MR850 technical manual PDF
  - View850 software
  - MR850 set-up video
- In English only

**MR850 Calibration Probe**
- For use with MR850 and HC550 humidifiers

**MR850 Serial Cable**
- For use with MR850 humidifier

**MR810 Technical Manual**
- For use with the MR810 humidifier
- Includes:
  - Specifications
  - Operation modes and controls
  - Maintenance and cleaning procedures
  - Troubleshooting
  - Servicing procedures
  - Performance testing
  - Recommended maintenance checklist
  - Product change history
- In English only
**Humidifier Servicing Accessories**

**HC550 Technical Manual**
- For use with the HC550 humidifier
- Includes:
  - Specifications
  - Operation modes and controls
  - Maintenance and cleaning procedures
  - Troubleshooting
  - Servicing procedures
  - Performance testing
  - Recommended maintenance checklist
  - Product change history
- In English only

**HC550 Calibration Probe**
- For use with HC550 and MR850 humidifiers
Airway Temperature Probes

Temperature/Flow Probes for MR850 & HC550 Humidifiers

Right Angle Airway Probe

- 900MR863 for use with circuits 0.7 m (28”) long
- 900MR868 for use with circuits 1.1 m (44”) long
- 900MR860 for use with circuits 1.3 m (52”) long
- 900MR869 for use with circuits 1.5 m (60”) long
- 900MR861 for use with circuits 1.8 m (72”) long

Temperature Probes for MR700 & HC500 Series Humidifiers

Right Angle Airway Probe

- 900MR563 for use with circuits 0.7 m (28”) long
- 900MR568 for use with circuits 1.1 m (44”) long
- 900MR560 for use with circuits 1.3 m (52”) long
- 900MR569 for use with circuits 1.5 m (60”) long
- 900MR561 for use with circuits 1.8 m (72”) long
- 900MR571 for use with circuits 2.5 m (92”) long

Reflective Shield for Temperature Probe

- Protects airway temperature probe from radiant heat to improve humidifier performance with infant radiant warmers
- Available in boxes of 20

Airway Thermometer

- For measuring gas temperature when used in conjunction with the MR410 humidifier
- Single use item
- Available in boxes of three
Heater Wire Adaptors for Single Use Circuits

900MR805 Heater Wire Adaptor for RT Series Dual Heated Breathing Circuits
  • For use with the MR850 and HC550 humidifiers
  • Includes surge protection

900MR800 Heater Wire Adaptor for RT Series Dual Heated Breathing Circuits
  • For use with the MR850 and HC550 humidifiers

900MR801 Heater Wire Adaptor for RT Series Inspiratory Heated Breathing Circuits
  • For use with the MR850 and HC550 humidifiers

900MR900 Heater Wire Adaptor for RT Series Dual Heated Breathing Circuits
  • For use with MR700, MR730 and HC500 humidifiers

900MR901 Heater Wire Adaptor for RT Series Inspiratory Heated Breathing Circuits
  • For use with MR700, MR730 and HC500 humidifiers
Paediatric Circuit Application

The infant and adult circuit range provides optimal ventilation and humidity delivery for neonates through to adults. The optimum point to change from the infant to the adult circuit is approximately 120 mL $V_T$ and about 12-15 kg, depending on your ventilation strategy.
Infant Humidification Chambers

**MR290U**
Unvented Autofeed Adult/Infant Humidification Chamber
- For use with water bags only

Inlet Port: 22 mm Male  
Outlet Port: 22 mm Male

MR290UX  Box of 10  
MR290U  Box of 40

**MR290V**
Vented Autofeed Adult/Infant Humidification Chamber
- Vent designed to be open when using rigid or semi rigid water bottles. Can also be used with waterbags

Inlet Port: 22 mm Male  
Outlet Port: 22 mm Male

MR290VX  Box of 10  
MR290V  Box of 40

**MR290HFV**
High Frequency Vented Autofeed Adult/Infant Humidification Chamber
- Vent designed to be open when using rigid or semi-rigid water bottles. Can also be used with waterbags

Inlet Port: 22 mm Male  
Outlet Port: 22 mm Male

MR290HFV  Box of 40

**MR225**
Manual Fill Infant/Paediatric Humidification Chamber

Inlet Port: 22 mm Male  
Outlet Port: 22 mm Male

MR225X  Box of 10  
MR225  Box of 50
Infant Humidification Chamber Accessories

**Waterfeed Set for MR225/MR250**
- Used to connect a waterbag to MR225/MR250 humidification chambers for refilling
- Includes a self close clamp
- 900 mm (35”)
- Available in boxes of 30

**Waterfeed Extension Set for MR290 Series**
- To extend the MR290 waterbag feed set for use with Infant CPAP Drivers.
- Used in conjunction with the 900MR292 telescopic waterbag pole
- 600 mm (24”)
- Available in boxes of 10
## Infant Invasive Ventilation Breathing Circuits & Chambers

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<th>with chamber</th>
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<td>Infant Low Flow Breathing Circuit Kit Dual Heated with EVAQUA® Expiratory Limb</td>
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<tr>
<td><img src="image1" alt="Diagram" /></td>
<td>- 1.1 m heated inspiratory limb</td>
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<tr>
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<td>- 0.3 m incubator extension</td>
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<tr>
<td></td>
<td>- EVAQUA® heated expiratory limb</td>
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<tr>
<td></td>
<td>- 0.6 m humidifier connection tube with nitric oxide port</td>
</tr>
<tr>
<td></td>
<td>- Pressure line</td>
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<tr>
<td></td>
<td>- Swivel Y-piece</td>
</tr>
<tr>
<td></td>
<td>- Adaptor kit</td>
</tr>
<tr>
<td></td>
<td>- MR290V autofeed humidification chamber</td>
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<tr>
<td></td>
<td>- 0.3 m incubator extension</td>
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<tr>
<td></td>
<td>- Unheated expiratory limb with water trap</td>
</tr>
<tr>
<td></td>
<td>- 0.6 m humidifier connection tube with nitric oxide port</td>
</tr>
<tr>
<td></td>
<td>- Pressure line</td>
</tr>
<tr>
<td></td>
<td>- Swivel Y-piece</td>
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<tr>
<td></td>
<td>- Adaptor kit</td>
</tr>
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<td>- MR290V autofeed humidification chamber</td>
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<td><img src="image3" alt="Diagram" /></td>
<td>• 0.3 m incubator extension</td>
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<td>• Unheated expiratory limb with water trap</td>
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<td></td>
<td>• Pressure line</td>
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<td></td>
<td>• Swivel Y-piece</td>
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<td></td>
<td>• Adaptor kit</td>
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<td>• Available in boxes of 10</td>
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Infant Invasive Ventilation - Breathing Circuits & Chambers

**Flows > 4 L/min**

**RT235**

Infant Bias Flow Breathing Circuit Kit
- Dual Heated with EVAQUA®
- Expiratory Limb
  - 1.1 m heated inspiratory limb
  - 0.3 m incubator extension
  - EVAQUA® heated expiratory limb
  - 0.6 m humidifier connection tube with nitric oxide port
  - Pressure line
  - Swivel Y-piece
  - Adaptor kit
  - MR290V autofeed humidification chamber
  - Available in boxes of 10

**RT225**

Infant Bias Flow Breathing Circuit Kit
- 1.1 m heated inspiratory line
- 0.3 m incubator extension
- Unheated expiratory limb with water trap
- 0.6 m humidifier connection tube with nitric oxide port
- Pressure line
- Swivel Y-piece
- Adaptor kit
- MR290V autofeed humidification chamber
- Available in boxes of 10

**Flows > 4 L/min**

**RT125**

Infant Bias Flow Breathing Circuit
- 1.1 m heated inspiratory line
- 0.3 m incubator extension
- Unheated expiratory limb with water trap
- 0.6 m humidifier connection tube with nitric oxide port
- Pressure line
- Swivel Y-piece
- Adaptor kit
- Available in boxes of 10
<table>
<thead>
<tr>
<th>SLE Circuit with chamber</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RT227</strong></td>
</tr>
<tr>
<td>Infant Breathing Circuit Kit for SLE 2000/2000HFO</td>
</tr>
<tr>
<td>- 1.1 m heated inspiratory line</td>
</tr>
<tr>
<td>- 0.3 m incubator extension</td>
</tr>
<tr>
<td>- Unheated expiratory limb with water trap</td>
</tr>
<tr>
<td>- 0.6 m humidifier connection tube with nitric oxide port</td>
</tr>
<tr>
<td>- SLE restrictor</td>
</tr>
<tr>
<td>- Pressure line</td>
</tr>
<tr>
<td>- Swivel Y-piece</td>
</tr>
<tr>
<td>- Adaptor kit</td>
</tr>
<tr>
<td>- MR290V autofeed humidification chamber</td>
</tr>
<tr>
<td>- Available in boxes of 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SLE Circuit without chamber</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RT127</strong></td>
</tr>
<tr>
<td>Infant Breathing Circuit for SLE 2000/2000HFO</td>
</tr>
<tr>
<td>- 1.1 m heated inspiratory line</td>
</tr>
<tr>
<td>- 0.3 m incubator extension</td>
</tr>
<tr>
<td>- Unheated expiratory limb with water trap</td>
</tr>
<tr>
<td>- 0.6 m humidifier connection tube with nitric oxide port</td>
</tr>
<tr>
<td>- SLE restrictor</td>
</tr>
<tr>
<td>- Pressure line</td>
</tr>
<tr>
<td>- Swivel Y-piece</td>
</tr>
<tr>
<td>- Adaptor kit</td>
</tr>
<tr>
<td>- Available in boxes of 10</td>
</tr>
</tbody>
</table>
**Infant CPAP Breathing Circuits & Chambers**

### Flows > 4 L/min

#### with chamber

**RT324**

**Infant Continuous Flow Breathing Circuit Kit**
- 1.1 m heated inspiratory limb
- 0.3 m incubator extension
- 0.5 m expiratory extension for flowdriver interface
- 0.6 m humidifier connection tube with nitric oxide port
- Pressure line
- Adaptor kit
- MR290V autofeed humidification chamber
- Chamber waterfeed extension
- Available in boxes of 10

#### without chamber

**RT224**

**Infant Continuous Flow Breathing Circuit Kit**
- 1.1 m heated inspiratory line
- 0.3 m incubator extension
- 0.6 m humidifier connection tube with nitric oxide port
- Pressure line
- Adaptor kit
- MR290V autofeed humidification chamber
- Available in boxes of 10

## Flows > 4 L/min

**RT124**

**Infant Continuous Flow Breathing Circuit**
- 1.1 m heated inspiratory line
- 0.3 m incubator extension
- 0.6 m humidifier connection tube with nitric oxide port
- Pressure line
- Adaptor kit
- Available in boxes of 10
Infant Oxygen Therapy Breathing Circuits & Chambers

**Nasal Oxygen Therapy 0.3 – 10 L/min**  
*with chamber*

**RT329**

Infant Continuous Flow Breathing Circuit Kit
- 1.1 m heated inspiratory limb
- 0.3 m incubator extension
- Pressure relief valve
- MR290V autofeed humidification chamber
- Available in boxes of 10

For compatible nasal cannula, refer to Infant Accessories (page 19).

**Headbox/Oxyhood Oxygen Therapy**  
*with chamber*

**RT202**

Adult Heated Inspiratory Circuit Kit
- For use with headboxes/oxyhoods with a 20 mm connection
- 1.5 m heated inspiratory limb
- 0.5 m humidifier connection tube
- MR290V autofeed humidification chamber
- Available in boxes of 10

**RT324**

Infant Continuous Flow Breathing Circuit Kit
- For use with headboxes/oxyhoods with a 10 mm connection
- 1.1 m heated inspiratory limb
- 0.3 m incubator extension
- 0.5 m expiratory extension for flowdriver interface
- 0.6 m humidifier connection tube with nitric oxide port
- Pressure line
- Adaptor kit
- MR290V autofeed humidification chamber
- Chamber waterfeed extension
- Available in boxes of 10
Infant Accessories

Nasal Cannula

Over-the-ear style nasal cannula. Designed to maximise humidity delivery for infants on oxygen therapy. For use with the RT329 oxygen therapy kit. Available in boxes of 20.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Prong Outer Diameter (mm)</th>
<th>Septum Width (mm)</th>
<th>Delivery Tube Outer Diameter (mm)</th>
<th>Maximum Patient Flow (L/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC2425-20</td>
<td>Premature</td>
<td>2.4</td>
<td>2.5</td>
<td>3.3</td>
<td>6</td>
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<tr>
<td>BC2435-20</td>
<td>Neonatal</td>
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<td>3.5</td>
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<tr>
<td>BC2745-20</td>
<td>Infant</td>
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<tr>
<td>BC2755-20</td>
<td>Intermediate Infant</td>
<td>2.7</td>
<td>5.5</td>
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<td>7</td>
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<tr>
<td>BC3780-20</td>
<td>Paediatric</td>
<td>3.7</td>
<td>8</td>
<td>3.3</td>
<td>8</td>
</tr>
</tbody>
</table>

Nasal Cannula

Over-the-ear style nasal cannula. Designed to maximise humidity delivery for infants on oxygen therapy. For use with the RT329 oxygen therapy kit. Available in boxes of 20.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Prong Outer Diameter (mm)</th>
<th>Septum Width (mm)</th>
<th>Delivery Tube Outer Diameter (mm)</th>
<th>Maximum Patient Flow (L/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT091</td>
<td>Premature</td>
<td>2.4</td>
<td>2.5</td>
<td>2.2</td>
<td>2.1</td>
</tr>
<tr>
<td>RT092</td>
<td>Neonatal</td>
<td>2.4</td>
<td>3.5</td>
<td>2.2</td>
<td>2.1</td>
</tr>
<tr>
<td>RT093</td>
<td>Infant</td>
<td>2.7</td>
<td>4.5</td>
<td>2.2</td>
<td>1.6</td>
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<tr>
<td>RT094</td>
<td>Paediatric</td>
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<tr>
<td>RT095</td>
<td>Adult</td>
<td>5</td>
<td>12</td>
<td>6</td>
<td>10</td>
</tr>
</tbody>
</table>

Adaptor Kit – Nebuliser In-line

- To fit infant 10 mm circuits to many 22 mm in-line nebuliser MDI ports
- Available in boxes of 20

Adaptor Kit – Nebuliser Sidestream

- To fit infant 10 mm circuits to Airlife Misty-Neb Nebuliser
- Available in boxes of 20

Pressure Relief Valve

- For step-down from ventilator or CPAP circuits to oxygen therapy
- For use with high-flow inspiratory limbs 0.3 – 10 L/min only
- Set to ~ 40 cm H₂O
- Includes oxygen analysing port and pressure port
- Available in boxes of five
**Infant Accessories**

**Gas Supply Line (to 2 Flow Meters)**
- Y Adaptor
- 2x short tubing, 310 mm
- 1x long tubing, 2.1 m
- Available in boxes of 10

**Dual Flow Adaptor**
- 22 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available in boxes of 20

**Oxygen/Air Adaptor**
- 22 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available as single item, and in boxes of 50 or 100
  - 900MR161L = 50
  - 900MR161C = 100

**Oxygen/Air Adaptor**
- 22 mm Male/15 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available as single item, and in boxes of 50
  - 900MR162L = 50

**Reflective Shield for Temperature Probe**
- Protects airway temperature probe from radiant heat to improve humidifier performance and reduces circuit condensation with infant radiant warmers
- Available in boxes of 20

**Waterfeed Set for MR225/MR250**
- Used to connect a waterbag to MR225/MR250 humidification chambers for refilling
  - Includes a self close clamp
  - 900 mm (35”)
  - Available in boxes of 30

**Waterfeed Extension Set for MR290**
- To extend the MR290 waterbag feed set for use with Infant CPAP Drivers.
  - Used in conjunction with the 900MR292 telescopic waterbag pole
  - 600 mm (24”)
  - Available in boxes of 10
Paediatric Circuit Application

The infant and adult circuit range provides optimal ventilation and humidity delivery for neonates through to adults. The optimum point to change from the infant to the adult circuit is approximately 120 mL $V_T$ and about 12–15 kg, depending on your ventilation strategy.
Adult Humidification Chambers

**Unvented Autofeed Adult/Infant Humidification Chamber**
- For use with water bags only

- Inlet Port: 22 mm Male
- Outlet Port: 22 mm Male

- MR290UX  Box of 10
- MR290U    Box of 40

**Vented Autofeed Adult/Infant Humidification Chamber**
- Vent designed to open when using rigid or semi rigid water bottles. Can also be used with waterbags

- Inlet Port: 22 mm Male
- Outlet Port: 22 mm Male

- MR290VX  Box of 10
- MR290V    Box of 40

**High Frequency Vented Autofeed Adult/Infant Humidification Chamber**
- Vent designed to open when using rigid or semi rigid water bottles. Can also be used with waterbags

- Inlet Port: 22 mm Male
- Outlet Port: 22 mm Male

- MR290HFV  Box of 40

**Manual Feed Adult Humidification Chamber**

- Inlet Port: 22 mm Male
- Outlet Port: 22 mm Male

- MR250X   Box of 10
- MR250    Box of 40
**Adult Chamber Accessories**

**Waterfeed Set for MR225/MR250**
- Used to connect a waterbag to all models of the MR225 and MR250 humidification chambers for refilling
- Includes a self close clamp
- 900 mm (35”)
- Available in boxes of 30

**Waterfeed Extension Set for MR290 Series**
- To extend all models of the MR290 waterbag feed set. Used in conjunction with the 900MR292 telescopic waterbag pole
- 600 mm (24”)
- Available in boxes of 10
**Dual Heated with chamber**

**RT340**
- Dual heated with EVAQUA® expiratory limb, autofeed chamber and filter
- 1.5 m heated inspiratory limb
- 1.8 m heated EVAQUA® expiratory limb
- 0.5 m humidifier connection tube
- MR290V autofeed humidification chamber
- RT019 Inspiratory/Expiratory filter
- Swivel Y-piece
- RT028 Circuit hanger
- 22 mm Male–22 mm Female 90° elbow
- Available in boxes of 10

**RT200**
- Dual heated with autofeed chamber
- 1.5 m heated inspiratory limb
- 1.5 m heated expiratory limb
- 0.5 m humidifier connection tube
- MR290V autofeed humidification chamber
- Swivel Y-piece
- 22 mm Male–22 mm Female 90° elbow
- Available in boxes of 10

**Dual Heated without chamber**

**RT100**
- Dual heated
- 1.5 m heated inspiratory limb
- 1.5 m heated expiratory limb
- 0.5 m humidifier connection tube
- Swivel Y-piece
- 22 mm Male–22 mm Female 90° elbow
- Available in boxes of 10
**Dual Heated Pressure Lines with chamber**

| RT204 | Adult Breathing Circuit Kit  
Dual heated with pressure line and autofeed chamber  
- 1.5 m heated inspiratory limb  
- 1.5 m heated expiratory limb  
- 0.5 m humidifier connection tube  
- 2 m pressure line (7/32” & 1/8”)  
- Swivel Y-piece  
- 22 mm Male–22 mm Female 90° elbow  
- MR290V autofeed humidification chamber  
- Available in boxes of 10 |

| RT104 | Adult Breathing Circuit  
Dual heated with pressure line  
- 1.5 m heated inspiratory limb  
- 1.5 m heated expiratory limb  
- 0.5 m humidifier connection tube  
- 2 m pressure line (7/32” & 1/8”)  
- Swivel Y-piece  
- 22 mm Male–22 mm Female 90° elbow  
- Available in boxes of 10 |
## Adult Invasive Ventilation Breathing Circuits & Chambers

### Inspiratory Heated with chamber

**RT205**

- **Adult Breathing Circuit Kit**
  - Inspiratory heated with autofeed chamber
  - 1.5 m heated inspiratory limb
  - 1.8 m unheated expiratory limb with water trap
  - 0.5 m humidifier connection tube
  - MR290V autofeed humidification chamber
  - Swivel Y-piece
  - 22 mm Male–22 mm Female 90° elbow
  - Available in boxes of 10

**RT212**

- **Adult Breathing Circuit Kit**
  - Inspiratory heated with autofeed chamber
  - 1.5 m heated inspiratory limb
  - 2 m unheated expiratory limb with water trap
  - 0.5 m humidifier connection tube
  - MR290V autofeed humidification chamber
  - Swivel Y-piece
  - 22 mm Male–22 mm Female 90° elbow
  - Available in boxes of 10

### Inspiratory Heated without chamber

**RT105**

- **Adult Breathing Circuit**
  - Inspiratory heated
  - 1.5 m heated inspiratory limb
  - 1.76 m unheated expiratory limb with water trap
  - 0.5 m humidifier connection tube
  - Swivel Y-piece
  - 22 mm Male–22 mm Female 90° elbow
  - Available in boxes of 10
### Inspiratory Heated Pressure Lines

<table>
<thead>
<tr>
<th>with chamber</th>
<th>without chamber</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RT206</strong></td>
<td><strong>RT106</strong></td>
</tr>
</tbody>
</table>

#### Adult Breathing Circuit Kit
**Inspiratory heated with pressure line and autofeed chamber**
- 1.5 m heated inspiratory limb
- 1.76 m unheated expiratory limb with water trap
- 0.5 m humidifier connection tube
- 2 m pressure lines (7/32" & 1/8")
- MR290V autofeed humidification chamber
- Swivel Y-piece
- 22 mm Male–22 mm Female 90° elbow
- Available in boxes of 10

#### Adult Breathing Circuit
**Inspiratory heated with pressure line**
- 1.5 m heated inspiratory limb
- 1.76 m unheated expiratory limb with water trap
- 0.5 m humidifier connection tube
- 2 m pressure lines (7/32" & 1/8")
- Swivel Y-piece
- 22 mm Male–22 mm Female 90° elbow
- Available in boxes of 10
# Adult Invasive Ventilation Breathing Circuits & Chambers

## Unheated Pressure Line

### RT134

**Adult Breathing Circuit**

- Unheated with pressure line
- 1.5 m unheated inspiratory limb with watertrap
- 1.5 m unheated expiratory limb with watertrap
- 0.5 m humidifier connection tube
- 2 m pressure line (1/4" & 1/8")
- Swivel Y-piece
- 22 mm Male–22 mm Female 90° elbow
- Available in boxes of 10

## Single Heated Pressure Line

### RT443

**Adult Breathing Circuit Kit**

- Inspiratory heated with autofeed chamber & exhalation valve
- 1.5 m heated inspiratory limb
- 0.5 m humidifier connection tube
- MR290V chamber
- Exhalation valve with twin pressure lines
- RT021 catheter mount
- Available in boxes of 10
- Available in New Zealand, France and Germany only
**Adult Invasive Ventilation Accessories**

**Inspiratory/Expiratory Filter**
- 22 mm Male–22 mm Female
- Double–walled inspiratory and expiratory filter
- Electrostatic media with a low-pressure drop
- Filtration efficiency: viral > 99.99%; bacterial > 99.9997%
- Available in boxes of 20

**End Expiratory Filter**
- 22 mm Male–22 mm Female
- Double–walled expiratory filter to protect ventilators from nebuliser waste and contaminants, while minimising condensate
- Electrostatic media with a low-pressure drop
- Filtration efficiency: viral > 99.99%; bacterial > 99.9997%
- Available in boxes of 20

**Catheter Mount**
- 22 mm Female–15 mm Female patient end connection
- Double swivel 90° elbow
- Suction port
- Flexible 15 mm diameter catheter tube
- Available in boxes of 20

**Dry Line Extension Kit**
- 0.5 m humidifier connection tube
- 2 x 22 mm Male–22 mm Male connectors
- Available in boxes of 20

**Circuit Hanger**
- To fit adult 22 mm circuits
- Available in boxes of 20

**Airway Thermometer**
- For measuring gas temperature when used in conjunction with the MR410 humidifier
- Single use item
- Available in boxes of three
## Adult Noninvasive Ventilation Breathing Circuits & Chambers

### Bi-Level/CPAP

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT319</td>
<td>Bi-level/CPAP Breathing Circuit Kit with chamber&lt;br&gt;Bi-level and CPAP&lt;br&gt;Inspiratory heated with pressure line and autofeed chamber&lt;br&gt;• 1.5 m heated inspiratory limb&lt;br&gt;• 0.5 m humidifier connection tube&lt;br&gt;• 2.5 m pressure line 1/8”&lt;br&gt;• 0.3 m unheated flexible extension&lt;br&gt;• RT019 Inspiratory/Expiratory Filter&lt;br&gt;• MR290V autofeed humidification chamber&lt;br&gt;• Available in boxes of 10</td>
</tr>
</tbody>
</table>

### CPAP

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT201</td>
<td>Adult CPAP Breathing Line with chamber&lt;br&gt;Inspiratory heated with autofeed chamber&lt;br&gt;• 1.5 m heated inspiratory limb&lt;br&gt;• 0.3 m CPAP extension&lt;br&gt;• 0.5 m humidifier connection tube&lt;br&gt;• MR290V autofeed humidification chamber&lt;br&gt;• Swivel Y-piece&lt;br&gt;• 22 mm Male–22 mm Female 90° elbow&lt;br&gt;• Available in boxes of 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT202</td>
<td>Adult Heated Inspiratory Breathing Circuit Kit with chamber&lt;br&gt;• 1.5 m heated inspiratory limb&lt;br&gt;• 0.5 m humidifier connection tube&lt;br&gt;• MR290V autofeed humidification chamber&lt;br&gt;• Available in boxes of 10</td>
</tr>
</tbody>
</table>

### CPAP

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT101</td>
<td>Adult CPAP Breathing Line without chamber&lt;br&gt;Inspiratory heated&lt;br&gt;• 1.5 m heated inspiratory limb&lt;br&gt;• 0.3 m CPAP extension&lt;br&gt;• 0.5 m humidifier connection tube&lt;br&gt;• Swivel Y-piece&lt;br&gt;• 22 mm Male–22 mm Female 90° elbow&lt;br&gt;• Available in boxes of 10</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT102</td>
<td>Adult Heated Inspiratory Breathing Circuit&lt;br&gt;• 1.5 m heated inspiratory limb&lt;br&gt;• 0.5 m humidifier connection tube&lt;br&gt;• Available in boxes of 10</td>
</tr>
</tbody>
</table>
Adult Noninvasive Ventilation Accessories

**RT019 Inspiratory/Expiratory Filter**
- 22 mm Male–22 mm Female
- Double walled inspiratory and expiratory filter
- Electrostatic media with a low-pressure drop
- Filtration efficiency: viral > 99.99%; bacterial > 99.9997%
- Available in boxes of 20

**RT020 End Expiratory Filter**
- 22 mm Male–22 mm Female
- Double-walled expiratory filter to protect ventilators from nebuliser waste and contaminants, while minimising condensate
- Electrostatic media with a low-pressure drop
- Filtration efficiency: viral > 99.99%; bacterial > 99.9997%
- Available in boxes of 20

**RT022 Flexible Extension**
- 22 mm Male–22 mm Female
- Free swivelling 22 mm Male-connection
- 0.3 m unheated limb
- Clip for attaching product to clothing or bedding
- Available in boxes of 20

**RT023 T-piece Weaning Kit**
- 22 mm Male–22 mm Female/15 mm Female
- T-piece with suction port
- 15 mm Female swivelling patient end connection
- Free swivelling 22 mm Male-connection
- 0.3 m unheated inspiratory limb
- 0.3 m unheated expiratory limb
- Clip for attaching product to clothing or bedding
- Available in boxes of 20
Adult Noninvasive Ventilation Accessories

**Hospital Full Face Mask**
- Single patient use
- Inbuilt exhalation vents
- Under-chin fit
- Free Motion Glider™ strap
- Inbuilt pressure/oxygen ports
- Fits majority of patients
- 22 mm Male-connection
- Available in boxes of 10
- Available in Australia only

**Hospital Full Face Mask**
- Single patient use
- Inbuilt exhalation vents
- Under-chin fit
- Free Motion Glider™ strap
- Anti-asphyxiat/non-rebreathing valve
- Inbuilt pressure/oxygen ports
- 22 mm Male-connection
- Available in boxes of 10
- Available globally, except Australia

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Patient Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT040S</td>
<td>Small</td>
<td>For approximately 10% of adult population</td>
</tr>
<tr>
<td>RT040M</td>
<td>Medium</td>
<td>For approximately 80% of adult population</td>
</tr>
<tr>
<td>RT040L</td>
<td>Large</td>
<td>For approximately 10% of adult population</td>
</tr>
</tbody>
</table>

**Hospital Nasal Mask**
- Single patient use
- Inbuilt exhalation vents
- Comfortable seal with foam cushion
- Free Motion Glider™ strap
- Inbuilt pressure port
- Fits majority of patients
- 22 mm Male-connection
- Available in boxes of 10
- Available globally
Adult Oxygen Therapy Breathing Kits & Chambers

**Interface Oxygen Therapy for MR850, MR730 & HC550**

**RT202**
- Adult Heated Inspiratory Kit with autofeed chamber
  - 1.5 m heated inspiratory limb
  - 0.5 m humidifier connection tube
  - MR290V autofeed humidification chamber
  - Available in boxes of 10

**RT102**
- Adult Heated Inspiratory Circuit Limb
  - 1.5 m heated inspiratory limb
  - 0.5 m humidifier connection tube
  - Available in boxes of 10

**Mask Oxygen Therapy with chamber**

**RT408**
- Heated Oxygen Therapy Kit With Flexible Extension
  - 1.5 m heated inspiratory limb
  - RT008 air entrainer
  - MR290V autofeed humidification chamber
  - RT022 flexible extension
  - Circuit clip
  - Available in boxes of 10

**RT308**
- Heated Oxygen Therapy Kit
  - 1.5 m heated inspiratory limb
  - RT008 Air Entrainer
  - MR290V autofeed humidification chamber
  - Circuit clip
  - Available in boxes of 10

**RT307**
- Unheated Oxygen Therapy Kit
  - 1.5 m unheated inspiratory limb
  - RT008 Air Entrainer
  - MR290V autofeed humidification chamber
  - Circuit clip
  - Available in boxes of 10
Adult Oxygen Therapy Accessories

**Large Adult Nasal Interface**
- Designed to optimally humidify patients while delivering oxygen concentration between 21–100%, from 20–50 L/min
- Includes lanyard
- For use with the MR850, MR730, or HC550 humidifiers
- 22 mm Male
- Available in boxes of 20

**Small Adult Nasal Interface**
- Designed to optimally humidify patients while delivering oxygen concentration between 21–100% from 20–50 L/min
- Includes lanyard
- For use with the MR850, MR730, or HC550 humidifiers
- 22 mm Male
- Available in boxes of 20

**Direct Tracheostomy Connection**
- Designed to optimally humidify patients while delivering oxygen concentration between 21–100% directly to the tracheostomy tube from 20–50 L/min
- Lanyard removes weight off tracheostomy tube from flow source
- Excess flow vents out through exhalation outlet
- For use with the MR850, MR730, or HC550 humidifiers
- 15 mm–22 mm Male
- Available in boxes of 20
**Adult Oxygen Therapy Accessories**

### 900MR161 Oxygen/Air Adaptor
- 22 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available as single item, and in boxes of 50 or 100
- 900MR161L = 50
- 900MR161C = 100

### 900MR162 Oxygen/Air Adaptor
- 22 mm Male/15 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available as single item, and in boxes of 50
- 900MR162L = 50

### 900MR961 Dual Flow Adaptor
- 22 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available in boxes of 20

### RT008 Air Entrainer
- Designed to deliver oxygen concentrations between 28-90% from a 15 L/min oxygen source
- 22 mm Female (for MR225, MR250 & MR290 humidification chambers)
- Available in boxes of 20
**Adult Anaesthesia Breathing Circuits**

**RT109**
- Adult Anaesthesia Circuit
  - 1.5 m unheated inspiratory limb
  - 1.5 m unheated expiratory limb
  - Available in boxes of 10

**RT116**
- Adult Anaesthesia Circuit with Pressure Line
  - 1.5 m unheated inspiratory limb
  - 1.5 m unheated expiratory limb
  - 2 m pressure line (1/8" & 7/32")
  - Available in boxes of 10

**RT117**
- Adult Anaesthesia Circuit with Bag Line
  - 1.8 m unheated inspiratory limb
  - 1.8 m unheated expiratory limb
  - 1.5 m bag line
  - Available in boxes of 10
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# Components for Reusable System Setup

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<td>Dräger Evita 1, 2, Dura, Evita 4, Evita XL, Savina</td>
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<td>900MR858</td>
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<tr>
<td>eVent Inspiration</td>
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<td>Headbox/Oxygen Hood</td>
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<td>MR340</td>
<td>900MR858</td>
<td>900MR869</td>
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</table>
Reusable Humidification Chambers

**MR370**

**Adult Humidification Chamber**
- Inlet Port: 22 mm Female
- Outlet Port: 22 mm Male

**900MR066**

**Absorbent Paper Refill Pack**
- For use with MR370 humidification chamber
- Each pack contains 100 sheets

**MR340**

**Infant Humidification Chamber**
- Inlet Port: 15 mm Female
- Outlet Port: 22 mm Male

**900MR065**

**Absorbent Paper Refill Pack**
- For use with MR340 Humidification chamber
- Each pack contains 100 sheets
Reusable Heater Wire Adaptors

900MR858 Inspiratory Heater Wire Adaptor for Lemo™ Style Reusable Circuits
- For use with the MR850 humidifier when paired with an inspiratory heated, reusable circuit

900MR556 Dual Heater Wire Adaptor for Lemo™ Style Reusable Circuits
- For use with the MR730 humidifier when paired with a dual heated, reusable circuit

900MR558 Inspiratory Heater Wire Adaptor for Lemo™ Style Reusable Circuits
- For use with the MR730 humidifier when paired with an inspiratory heated, reusable circuit

900MR033 Airway Thermometer
- For measuring gas temperature when used in conjunction with the MR410 humidifier
- Available in boxes of three
- Single Use only
Reusable Infant Breathing Circuits

**Infant Single Heated Breathing Circuit Kit**

- 900MR780

**Flows ≥ 4 L/min**
- 1.1 m (44") inspiratory heated
- 0.3 m (12") incubator extension
- 1.8 m (71") unheated expiratory with water trap
- 0.7 m (28") ventilator connection
- Adaptors x6
- Y-piece
- Pressure line with monitoring elbow
- Draw wire

**Infant Single Heated Breathing Circuit Kit**

- 900MR781

**Flows 0.3–4 L/min**
- 1.1 m (44") inspiratory heated
- 0.3 m (12") incubator extension
- 1.8 m (71") unheated expiratory
- 0.7 m (28") ventilator connection
- Adaptors x6
- Y-piece
- Pressure line with monitoring elbow
- Draw wire
Reusable Infant & Adult Breathing Circuits

**Reusable Infant Breathing Circuits**

- **900MR743**
  - Infant Single Heated Breathing Circuit kit
  - Flows ≥ 5 L/min
  - 1.3 m (52") heated inspiratory
  - Adaptors x2
  - Draw wire

**Reusable Adult Breathing Circuits**

- **900MR761**
  - Adult Breathing Circuit kit
  - 1.5 m heated inspiratory (60")
  - 1.7 m unheated expiratory with water trap (68")
  - 0.6 m ventilator connection (24")
  - Adaptors x2
  - Y-piece
  - Draw wire
**Reusable Adult Breathing Circuits**

### 900MR742

- **900MR042**
- **900MR532**
- **900MR045**
- **900MR510**
- **900MR070**

- 1.3 m (52") heated inspiratory
- Adaptor
- Draw wire

### 900MR422

- **900MR033**
- **900MR062**
- **900MR128**
- **900MR077**
- **900MR139**
- **900MR050**
- **900MR534**

- 1.2 m (48") unheated inspiratory with water trap x2
- 0.6 m (24") ventilator connection
- Adaptors x3
- Y-piece
- Pressure line with monitoring elbow

---

**Fisher & Paykel Healthcare**
Reusable Adult Breathing Circuits

900MR412

900MR033

900MR532  900MR045

- 1.3 m (52") unheated inspiratory
- Adaptor

Adult Breathing Circuit Kit

MR410
MR730
Reusable Circuit Tubing

All tubes are lightweight smooth internal wall Hytrel tubing.

**INFANT TUBING**

- Internal diameter: 12 mm
- Silicone Cuffs: 15 mm

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Length</th>
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<tbody>
<tr>
<td>900MR591</td>
<td>0.3 m (12&quot;)</td>
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<tr>
<td>900MR592</td>
<td>0.5 m (18&quot;)</td>
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<tr>
<td>900MR593</td>
<td>0.7 m (28&quot;)</td>
</tr>
<tr>
<td>900MR594</td>
<td>0.8 m (30&quot;)</td>
</tr>
<tr>
<td>900MR595</td>
<td>1.3 m (52&quot;)</td>
</tr>
<tr>
<td>900MR596</td>
<td>1.5 m (60&quot;)</td>
</tr>
</tbody>
</table>

**PAEDIATRIC TUBING**

- Internal diameter: 15 mm
- Silicone Cuffs: 15 mm

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>900MR528</td>
<td>0.3 m (12&quot;)</td>
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<tr>
<td>900MR526</td>
<td>0.5 m (18&quot;)</td>
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<tr>
<td>900MR540</td>
<td>0.7 m (28&quot;)</td>
</tr>
<tr>
<td>900MR529</td>
<td>1.3 m (52&quot;)</td>
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</table>

**ADULT TUBING**

- Internal diameter: 19 mm
- Silicone Cuffs: 22 mm

<table>
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<th>Part No.</th>
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<tbody>
<tr>
<td>900MR050</td>
<td>0.3 m (12&quot;)</td>
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<td>900MR062</td>
<td>0.6 m (24&quot;)</td>
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<td>900MR068</td>
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<tr>
<td>900MR051</td>
<td>1.9 m (74&quot;)</td>
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<tr>
<td>900MR061</td>
<td>2.4 m (96&quot;)</td>
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</tbody>
</table>
Reusable Heater Wires

Infant

**900MR518 900MR519**

**Dual Heater Wire**

- Inspiratory: 900MR518
- Expiratory: 900MR519

- For use with tubing approximately 1.1 m (44”) long
- Use each heater module in conjunction with the other
- Available as single item
- For use with MR700 Series
  
  **Caution:** May only be used with humidifiers that state a heater wire capacity of 45 W or greater on label

**900MR754**

**Heater Wire**

- Flows ≥ 4 L/min
- Use with reusable inspiratory tubing approximately 1.1 m (43”) long
- Compatible with MR850 & MR700 humidifiers
- Available as single item

**900MR755**

**Heater Wire**

- Flows 0.3 – 4 L/min
- Use with reusable inspiratory tubing approximately 1.1 m (43”) long
- Compatible with MR850 & MR700 humidifiers
- Available as single item

**900MR524**

**Heater Wire**

- For high frequency ventilation
- Use with reusable inspiratory tubing approximately 0.8 m (30”) long
- Compatible with MR700 humidifiers
- Available as single item

**900MR070 900MR071 900MR171**

**Draw Wire**

- For use with reusable heater wire assemblies
- Used to draw the heater wire into reusable tubing
- Available as a single item
**Reusable Heater Wires**

**Adult**

### Dual Heater Wire

- **900MR521**
- **900MR522**

**Inspiratory:** 900MR521  
**Expiratory:** 900MR522

- For use with tubing approximately 1.5 m (60”) long
- Use each heater module in conjunction with the other
- Available as single item
- For use with MR700 Series
- **Caution:** May only be used with humidifiers that state a heater wire capacity of 45 W or greater on label.

### Heater Wire

- **900MR751**

  - Heater wire assembly
  - Use with reusable inspiratory tubing approximately 1.5 m (60”) long
  - Compatible with MR850 and MR730 humidifiers
  - Lemo™ connection
  - Available as single item

### Heater Wire

- **900MR510**

  - Heater wire assembly
  - Use with reusable inspiratory tubing approximately 1.3 m (52”) long
  - Lemo™ connection
  - Compatible with MR850 & MR730 humidifiers
  - Available as single item
**Reusable Components**

**Elbow Adaptor**
- 22 mm Female to 22 mm Male/15 mm Female
- Available as single item, and in boxes of 50 or 100
  - 900MR130L = 50
  - 900MR130C = 100

**Elbow Adaptor with Temperature Port**
- 22 mm Female to 22 mm Male/15 mm Female
- Available as single item, and in boxes of 100
  - 900MR131C = 100

**Adaptor**
- 10 mm Male to 10 mm Male
- Available in boxes of 10

**Adaptor**
- 10 mm Male to 15 mm Male/10 mm Female
- Available as single item

**Adaptor**
- 10 mm Male to 15 mm Male/11 mm Female
- Designed for use with Dräger circuits
- Available as single item

**Adaptor**
- 22 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available as single item

**Adaptor**
- 22 mm Male/15 mm Female
- Used to connect oxygen/air tubing to the humidification chamber
- Available as single item

**Adaptor**
- 12 mm Male to 15 mm Male/10 mm Female
- Available as single item
Reusable Components

Adaptor

- 22 mm Female to 22 mm Male/15 mm Female
- Available as single item, and in boxes of 50
- 900MR530L = 50

Adaptor

- 15 mm Male/10 mm Female to 15 mm Male/10 mm Female
- Available as single item, and in boxes of 50 or 100
- 900MR533L = 50
- 900MR533C = 100

Adaptor

- 22 mm Male/15 mm Female to 22 mm Male/15 mm Female
- Available as single item, and in boxes of 50 or 100
- 900MR534L = 50
- 900MR534C = 100

Adaptor

- 22 mm Male/15 mm Female to 15 mm M/10 mm Female
- Available as single item

Adaptor

- 22 mm Female to 15 mm Male
- Available as single item

Adaptor

- 22 mm Female to 10 mm Male
- Available as single item

Water Trap

- 2x 22 mm Male/15 mm Female ports
- Spring load valve maintains circuit seal when emptying the water trap
- Available as single item, and in boxes of 100
- 900MR139C = 100
Reusable Components

Temperature Probe Housing
- 10 mm Male to 15 mm Male/10 mm Female
- Available as single item, and in boxes of 100
- 900MR146C = 100

Temperature Probe Housing - Dräger
- 11 mm Male to 11 mm Male
- Available as single item

Temperature Probe Housing
- 15 mm M to 22 mm Male/15 mm Female for use with paediatric Y-piece
- Available as single item, and in boxes of 50 or 100
- 900MR531L = 50
- 900MR531C = 100

Temperature Probe Housing
- 22 mm Female to 22 mm Male/15 mm Female for use with adult Y-piece
- Available as single item, and in boxes of 50 or 100
- 900MR532L = 50
- 900MR532C = 100

Probe and Thermometer Housing
- 22 mm Female to 22 mm Male/15 mm Female
- Available as single item

Infant Y-Piece
- Pressure Port
- Circuit connections - 10 mm Male
- Patient connection - 15 mm Female
- Includes 900MR147 pressure elbow and 900MR144 luer port plug

Paediatric Y-Piece
- No Ports
- Circuit connections - 15 mm Male
- Patient connection - 15 mm Female
- Available as single item
Reusable Components

900MR138 Paediatric Y-Piece
- Pressure Port
- Circuit connections - 15 mm Male
- Patient connection - 15 mm Female
- Includes 900MR052 and 900MR053 pressure elbows
- Available as single item

900MR126 Adult Y-Piece
- No Ports
- Circuit connections - 22 mm Male
- Patient connection - 22 mm Male/15 mm Female
- Available as single item, and in boxes of 50 or 100
- 900MR126L = 50
- 900MR126C = 100

900MR128 Adult Y-Piece
- Pressure Port
- Circuit connections - 22 mm Male
- Patient connection - 22 mm Male/15 mm Female
- Includes 900MR052 and 900MR053 pressure elbows
- Available as single item, and in boxes of 100
- 900MR128C = 100

900MR147 Pressure Monitoring Elbow
- For use with reusable 900MR145 Y-piece
- For use with pressure monitoring tubing of 3.3 mm
- (1/8") internal diameter
- Available as single item

900MR052 Pressure Monitoring Elbow
- For use with reusable 900MR128 and 900MR138 Y-pieces
- For use with pressure monitoring tubing of 4.8 mm
- (3/16") internal diameter
- Available as single item, and in boxes of 100
- 900MR052C = 100

900MR053 Pressure Monitoring Elbow
- For use with reusable 900MR128 and 900MR138 Y-pieces
- For use with pressure monitoring tubing of 6.4 mm
- (1/4") internal diameter
- Available as single item, and in boxes of 100
- 900MR053C = 100

900MR144 Pressure Port Plug
- For use with reusable 900MR145 Y-piece
- Available in boxes of 10
Reusable Components

**Pressure Port Plug**
- For use with reusable 900MR128 and 900MR138 Y-pieces
- Available as single item

**Temperature and Pressure Port Plug**
- For use with 900MR128, 900MR138, 900MR146, 900MR156, 900MR531 and 900MR532 adaptors
- Available as single item

**Nebuliser T-piece with Temperature Port**
- Includes cap for Nebuliser port
- Available as single item
  Tube connection: 22 mm Male
  Patient connection: 22 mm Female
  Nebuliser port: 22 mm Male/18 mm Female

**Autoclavable Pressure Port Kit**
- 1.65 m pressure line 1/4"
- 1.50 m pressure line 1/8"
- 1.65 m pressure line 3/16"
- 900MR147 pressure monitoring elbow
- 900MR052 pressure monitoring elbow
- 900MR053 pressure monitoring elbow
- 900MR128 adult Y-piece with pressure port

**Silicone Pressure Tubing**
Reusable silicone pressure tubing is available in three sizes. It is designed for use on ventilators that measure the patient airway pressure. Pressure tubing is used in conjunction with Fisher & Paykel Healthcare reusable pressure monitoring elbows and Y-pieces

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<th>Pressure port elbow:</th>
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<td>900MR147</td>
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<td>900MR076</td>
<td>I.D. - 4.8 mm (3/16&quot;)</td>
<td>900MR052</td>
</tr>
<tr>
<td>900MR077</td>
<td>I.D. - 6.4 mm (1/4&quot;)</td>
<td>900MR053</td>
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<td></td>
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<td>Length - 1.50m (60&quot;)</td>
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</tr>
<tr>
<td></td>
<td>Length - 1.65 m (66&quot;)</td>
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</table>
**Reusable Components**

**Hose Clip**
- 22 mm
- For use with 19 mm and 22 mm tubing
- Used to hold the airway temperature probe or pressure tubing along the length of the delivery hose
- Available as in boxes of three, or in boxes of 50 (900MR042L)

**Hose Clip**
- 15 mm
- For use with 15 mm tubing
- Used to hold the airway temperature probe or pressure tubing along the length of the delivery hose
- Available as in boxes of three or in boxes of 50 (900MR047L)

**Hose Clip**
- 10 mm
- For use with 10 mm and 12 mm tubing
- Used to hold the airway temperature probe or pressure tubing along the length of the delivery hose
- Available as in boxes of three or in boxes of 50 (900MR049L)

**Draw Wire**
- 900MR070 1.5 m (60”)
- 900MR071 2.13 m (85”)
- 900MR171 0.75 m (30”)
- For use with reusable heater wire assemblies
- Used to draw the heater wire into reusable tubing
- Available as a single item
<table>
<thead>
<tr>
<th>Accessory Type</th>
<th>Page</th>
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<tbody>
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<td>MR850 Start-Up Kits</td>
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Adult MR850 Start-Up Kits

900MR941
For Hamilton Galileo Ventilator (Adult Inspiratory Heated)
Includes:
• Water bag pole mounting bracket  900MR087
• Heater wire adaptor  900MR801
• Temperature probe  900MR869
• Breathing circuits x2  RT205
• End expiratory filter x4  RT020
• A set up guide, swing tag and instruction sheets for each product

900MR951
For Newport Breeze Ventilator (Adult Inspiratory Heated)
Includes:
• Bracket  900MR030
• Water bag pole mounting bracket  900MR087
• Heater wire adaptor  900MR801
• Temperature probe  900MR869
• Breathing circuits x2  RT205
• End expiratory filter x4  RT020
• A set up guide, swing tag and instruction sheets for each product

900MR921
For Maquet SERVO-i Ventilator (Adult Dual Heated)
Includes:
• Brackets  900MR303
• Heater wire adaptor  900MR800
• Temperature probe  900MR869
• Breathing circuits x2  RT200
• End expiratory filter x4  RT020
• A set up guide, swing tag and instruction sheets for each product

900MR912
For Dräger Evita Ventilators (Adult Dual Heated)
Includes:
• Brackets  900MR305 & 900MR088
• Heater wire adaptor  900MR800
• Temperature probe  900MR869
• Dräger expiratory flow shield  900MR597
• Breathing circuits x2  RT200
• End expiratory filter x4  RT020
• A set up guide, swing tag and instruction sheets for each product

900MR914
For PB840 Ventilator (Adult Dual Heated)
Includes:
• Brackets  900MR304
• Heater wire adaptor  900MR800
• Temperature probe  900MR869
• Breathing circuits x2  RT200
• A set up guide, swing tag and instruction sheets for each product
Infant MR850 Start-Up Kits

**For Dräger Babylog 8000 Ventilator**
Includes:
- Bracket 900MR030
- Water bag pole mounting bracket 900MR087
- Heater wire adaptor 900MR801
- Temperature probe 900MR868
- Breathing circuits x2 RT225
- A set up guide, swing tag and instruction sheets for each product

**For Maquet SERVO-i Ventilator**
Includes:
- Bracket 900MR303
- Heater wire adaptor 900MR801
- Temperature probe 900MR868
- Breathing circuits x2 RT226
- A set up guide, swing tag and instruction sheets for each product

**For SLE 2000/2000HFO Ventilator**
Includes:
- Bracket 900MR030
- Water bag pole mounting bracket 900MR087
- Heater wire adaptor 900MR801
- Temperature probe 900MR868
- Breathing circuits x2 RT227
- A set up guide and instruction sheets for each product

**For Newport Breeze Ventilator**
Includes:
- Bracket 900MR030
- Water bag pole mounting bracket 900MR087
- Heater wire adaptor 900MR801
- Temperature probe 900MR868
- Breathing circuits x2 RT225
- A set up guide, swing tag, and instruction sheets for each product
Humidifier Mounting Brackets

**Pole Clamp**
- For mounting the humidifier to a 15–50 mm pole

**Mounting Bracket for PB7200**
- For mounting the humidifier to the Puritan Bennett 7200 ventilator

**Mounting Bracket for PB MA1, MA2, Bear V, Bear 1000**
- For attaching the humidifier to Puritan Bennett MA1 and MA2 ventilators, or Bear V and Bear 1000 ventilators

**Mounting Bracket for Bear 2**
- For mounting the humidifier on the Bear 2 ventilator

**Wall Mounting Bracket**
- For wall mounting of the humidifier

**Waterbag Pole Mounting Bracket**
- For wall mounting the humidifier, or waterbag poles, to humidifier brackets

**Rail Bracket**
- For mounting the humidifier and a water bag pole to Dräger and Maquet ventilators, or to 25 mm x 10 mm rails
Humidifier Mounting Brackets

900MR167 Mounting Kit for PB740/760
- For mounting the humidifier to the Puritan Bennett 740 or 760 ventilators

900MR170 C-Clamp
- For mounting the humidifier onto a 19–40 mm pole
- Includes a clip to allow permanent attachment of the humidifier to the clamp

900MR301 Mounting Bracket for Bird, Sensormedics
- For mounting the humidifier to Bird 6400/8400, T-Bird and Sensormedics ventilators

900MR302 Concha Conversion Bracket
- For mounting the humidifier to an existing Concha mounting bracket

900MR303 Rail Mounting Bracket
- For mounting the humidifier to Maquet 300, 900 and SERVO-i, Dräger, Viasys T-Bird and Aequitron ventilators, or to 30 mm rails

900MR304 Mounting Bracket for PB840
- For mounting the humidifier to the PB840 ventilator
- Includes splash cover

900MR305 Dräger Mounting Bracket
- For mounting the humidifier to the Evita 4/XL ventilators
- Includes 900MR088
Humidifier Mounting Brackets

**Mounting Bracket**
- For mounting the humidifier onto Aequitron, T-Bird, Lifecare, Maquet and Dräger ventilators
- Allows the humidifier to be mounted on the side or the top of the ventilator

**Humidifier Mounting Tray**
- For mounting the humidifier in homecare environments
- Free standing metal tray with humidifier mount
- Tray can be secured to a flat surface if required
- Designed for use in conjunction with a homecare ventilator or flow generating device

**Humidifier Stand Mounting Tray**
- For mounting the flow generating device to the humidifier stand
Water Bag Poles

900MR011 Waterbag Pole
• 1.25 m (50") in height

900MR012 Waterbag Pole
• 1 m (40") in height

900MR290 Waterbag Pole Bent
• 0.7 m (28") in height

900MR291 Waterbag Pole Bent
• 1.05 m (42") in height

900MR292 Telescopic Water Bag Pole
• Combined with the 900MR191X waterfeed extension set, this pole allows for all models of the MR290 autofeed humidification chamber to be used with infant CPAP drivers

Minimum height: 1.64 m
Maximum height: 2.64 m
**Humidifier Stands**

**Humidifier Stand with Water Bag Pole**
- For mounting the humidifier to a mobile humidifier stand
- The waterbag pole allows for all models of the MR290 autofeed humidification chamber to be used with the humidifier stand
- 1.65 m in height
- Includes:
  - 900MR294 humidifier stand
  - 900MR030 pole clamp
  - 900MR012 waterbag pole
  - 900MR087 waterbag pole mounting bracket

**Humidifier Stand**
- For mounting the humidifier to a mobile humidifier stand
- For use with manual feed chambers
- 0.89m in height
- Includes:
  - Base
  - Curved humidifier stand

**Humidifier Stand Basket**
- Able to be connected to the humidifier stand with the 900MR030 pole clamp

**Locking Brackets**

**Locking Bracket**
- Locks the MR850 and HC550 to all of the Fisher & Paykel Healthcare pole brackets. This prevents the humidifier from being separated from the pole
- Can also secure the 900MR306 basket

**MR810 Locking Bracket**
- Locks the MR810 to all of the Fisher & Paykel Healthcare pole brackets. This prevents the humidifier from being separated from the pole
Ventilator/Flow Source Accessories

900MR597 Dräger Expiratory Flow Sensor Shield
- The acrylic shield provides insulation to reduce condensation in the flow-sensor
- Fits Dräger Evita 2, 4, XL
- Available as a single item

900MR598 Dräger Expiratory Flow Sensor Shield
- The acrylic shield provides insulation to reduce condensation in the flow-sensor
- Fits Dräger Evita 2, 4, XL, with some base mounting options where 900MR597 will not fit
- Available as a single item

900MR177 Maquet Adaptor
- 22 mm Male–15 mm Female
- For use on Maquet 300 and 900 ventilators
- Available as a single item

900MR599 Oxygen Flow Adaptor
- 22 mm Male
- Thread: 9/16 Unified National Fine
- Used to connect 22 mm tubing to a blender or flow meter
- Available as a single item
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