International neonatal resuscitation guidelines recommend the use of a T-Piece resuscitator when a gas source is available. Compared to self-inflating and flow-inflating bags, T-Piece resuscitators like the Neopuff deliver a more controlled and consistent peak inspiratory pressure (PIP) and positive end-expiratory pressure (PEEP), which helps to protect the newborn’s lungs, and maintain functional residual capacity (FRC).

The F&P Neopuff features an accurate, easy-to-read manometer, PIP control and maximum pressure relief valve. It can deliver oxygen levels from 21% to 100% from flow meters or a gas blender.
### Product Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product codes</strong></td>
<td>RD900*** (see language specific codes below)</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>250 mm (9.8”)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>200 mm (7.9”)</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>104 mm (4.1”)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.9 kg (4.2 lb)</td>
</tr>
<tr>
<td><strong>Manometer range</strong></td>
<td>-10 to 80 cmH₂O [mbar]</td>
</tr>
</tbody>
</table>

### Performance

- **Manometer accuracy**: +/-2.0% of full scale deflection
- **Input gas flow range**: 5 L/min to 15 L/min
- **Max pressure relief**
  - @ 8 L/min: 5 to 70 cmH₂O [mbar]; factory set at 40 cmH₂O [mbar]
  - @ 5 L/min: 2 to 70 cmH₂O [mbar]
  - @ 8 L/min: 3 to 72 cmH₂O [mbar]
  - @ 10 L/min: 4 to 73 cmH₂O [mbar]
  - @ 15 L/min: 8 to 75 cmH₂O [mbar]
- **Peak Inspiratory Pressure (PIP)**
  - @ 5 L/min: 2 to 70 cmH₂O [mbar]
  - @ 8 L/min: 3 to 72 cmH₂O [mbar]
  - @ 10 L/min: 4 to 73 cmH₂O [mbar]
  - @ 15 L/min: 8 to 75 cmH₂O [mbar]
- **Positive End Expiratory Pressure (PEEP)**
  - @ 5 L/min: 1 to 6 cmH₂O [mbar]
  - @ 8 L/min: 1 to 10 cmH₂O [mbar]
  - @ 10 L/min: 2 to 15 cmH₂O [mbar]
  - @ 15 L/min: 4 to 17 cmH₂O [mbar]

### Recommended gas source
- Medical grade blended air and oxygen from an air/oxygen blender

### Operating time (400 L cylinder)
- 50 minutes @ 8 L/min

*All performance figures listed above are representative only.
PEEP values stated are based on typical clinical PIP settings. Higher PEEP values can be achieved if higher PIP values are set. See also circuit specifications.

### Components and Compositions

- **Box components**: Neopuff™ unit; gas supply line; gas inlet adaptor; test lung; spare max pressure relief cap; user instructions

### Regulatory

- **Classification**: Class IIb (EU and Australia), Class III (Canada), Class II (USA)
- **Country of origin**: New Zealand
- **Notified body**: TÜV SÜD Product Service GmbH, 0123

### Language Specific Product Codes

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<td>Portuguese</td>
<td>RD900ATU</td>
<td>German</td>
<td>RD900AGU (Perivent™)</td>
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