MR850
Operation Guide

POWER BUTTON
To turn ON, press the power button.
To turn OFF, press and hold the power button for one second.
Warm-up time approximately 30 minutes.

MODE BUTTON
When held down for one second, the mode button toggles the humidifier between Non-Invasive and Invasive mode. The Mode indicator LED shows the user which mode is selected.

Invasive Mode
Is for use with patients whose upper airways have been bypassed by either a tracheotomy or endotracheal tube. In this mode of operation the humidifier attempts to deliver optimal humidity to the patient (37°C, 100% RH). This mode is the default when the humidifier is turned on.

Noninvasive Mode
Is suitable only for patients whose natural humidification system (i.e. upper airways) has not been bypassed, but are receiving gas via a facemask or similar. Aims to deliver gases at a comfortable level of humidity (31°C, 32 mg/L) for face masks.

MUTE BUTTON
The mute button silences the humidifier's audible alarm. The muted time depends on the alarm condition. In general, alarms will be muted for 2 minutes.

Temperature/Flow Probe Connector
• Is the temperature flow probe correctly inserted into the circuit?
• Is there condensate or debris on probe?

Chamber Probe & Airway Probe
• Is the probe correctly inserted into the circuit?
• Is there condensate or debris on probe?

Chamber or Airway Probe Alarm with Probe Connector Alarm
• Indicates an apparent fault with chamber or airway probe. The humidifier will stay in stand-by until the chamber or airway temperature drops below 50°C.
• Is there condensate or debris on probe?

Water Out Indicator
• Is there water in chamber?
• Is there water in bag?
• Is the feed set kinked?
• Has flow of water to chamber stopped due to system back pressure?

OPERATIONAL ALARMS
Temperature Indicator
Together with displayed temperature of 35.5°C or lower
• Is there a fan? - redirect away from breathing circuit
• Is there a draft? - redirect away from breathing circuit
Together with a displayed temperature of 41°C or higher
• Monitor displayed temperature closely
Heat will be discontinued to the humidification chamber and breathing circuit until the displayed temperature decreases to within normal limits.
If alarm continues, replace relevant component and contact your local Fisher & Paykel Healthcare representative.

See Manual Indicator
• This indicates a serious hardware fault.
Note error code on display and refer to manual.
• Turn humidifier off, remove it and all accessories from use.
**850™ System** Setup guide

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<td>Noninvasive Ventilation</td>
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<td>MR290 Auto Feed Chamber*</td>
<td>RT041 Non-vented Full Face Mask (Sizes S, M, L), to be used with Exhalation Port, included in kit</td>
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**Important:** Always refer to the user instructions supplied with the product for full set up instructions, warnings, contraindications and explanations.

* MR Auto Feed Chamber is included in all Fisher & Paykel Healthcare Circuit Kits.

A wide range of alternate breathing systems are available including: Single heated, dual and reusable. See the product catalogue for details. Some products may not be available in your country.