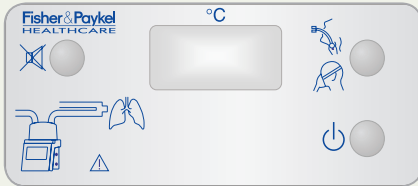


MR850

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.

SET-UP INDICATORS



Heater Wire Connector

- Is heater wire adapter connected to base?
- Is heater wire adapter connected to circuit?
- The heater-wire or heater-wire adaptor might be faulty.



Temperature/Flow Probe Connector

- Is temperature probe connected to base?
- The probe might be faulty.



Chamber Probe & Airway Probe

- Is the chamber probe correctly inserted into the circuit?
- Is the airway 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

Heating 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.

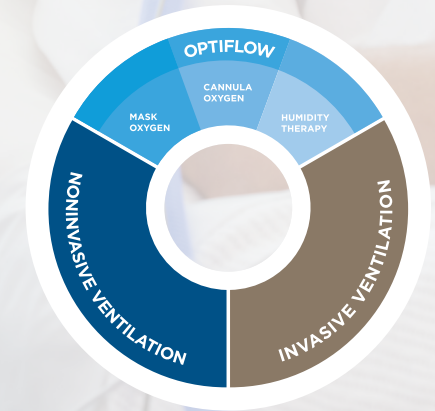


See Manual Indicator

- 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.

F&P 850™ System

Setup guide



Therapy Solution	Invasive Ventilation	Noninvasive Ventilation	BiLevel PAP	CPAP with Peep Valve	Optiflow	Mask Oxygen
Mode	Invasive	Noninvasive	Noninvasive	Noninvasive	Invasive	Noninvasive
Breathing Circuit Kit	MR290 Auto Feed Chamber* RT200/RT210 Invasive Circuit Kit RT340/RT240* Invasive Circuit Kit with Evaqua Technology	MR290 Auto Feed Chamber* RT200/RT210 Invasive Circuit Kit RT340/RT240 Invasive Circuit Kit with Evaqua Technology	MR290 Auto Feed Chamber* RT219/RT319 Single Limb Circuit Kit	MR290 Auto Feed Chamber* RT401 Single Limb Circuit CPAP Kit with PEEP Valve	MR290 Auto Feed Chamber* RT202 Single Limb Circuit Kit	MR290 Auto Feed Chamber* RT308/RT408 Single Limb Circuit Kit with Venturi Entrainer
Interface	RT021 Catheter Mount	RT041 Non-vented Full Face Mask (Sizes S, M, L)	RT040 Vented Full Face Mask (Sizes S, M, L) RT041 Non-vented Full Face Mask (Sizes S, M, L), to be used with Exhalation Port, included in kit RT042 Vented Nasal Mask (Sizes M, L)	RT043 Non-vented Full Face Mask with Anti-asphyxiation Valve (Mask only available with the RT401 CPAP Kit; comes in 3 sizes)	OPT542 (Small) OPT544 (Medium) OPT546 (Large) Optiflow Nasal Cannula OPT570 Tracheostomy Connection	Compatible with a range of generic oxygen and tracheostomy masks
Image						

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.