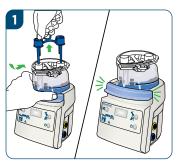
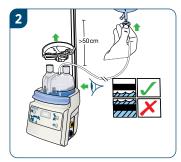
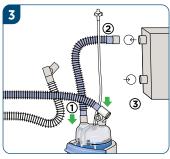
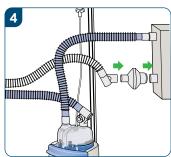
F&P 850 System

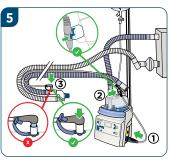
Adult invasive ventilation setup

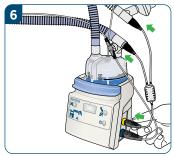


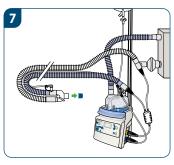




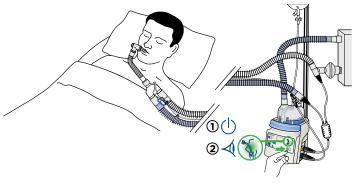






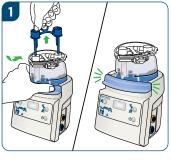




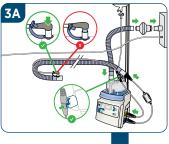


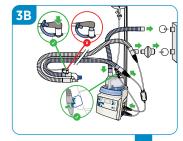
F&P 850 System

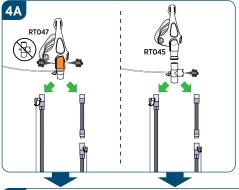
Adult noninvasive ventilation setup

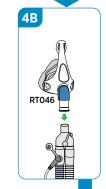


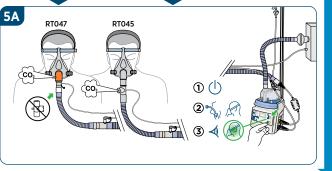


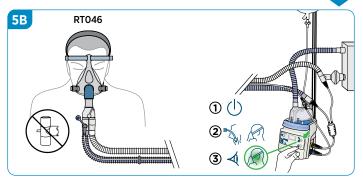










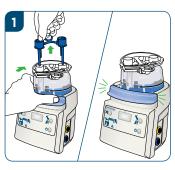




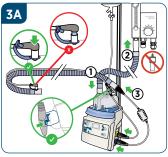
Fisher & Paykel HEALTHCARE

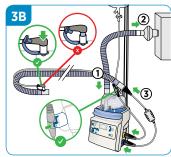
F&P 850 System

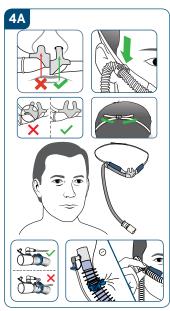
Optiflow[™] setup

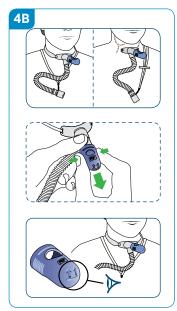


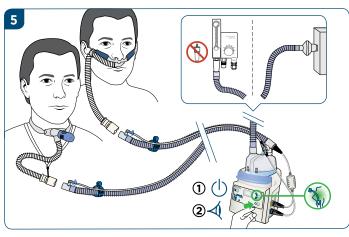








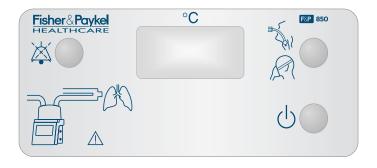








MR850 operation guide





POWER BUTTON

To turn ON, press the power button briefly.

To turn OFF, press and hold the power button for one second.



MODE BUTTON

When held down for one second, the mode button toggles the humidifier between invasive and noninvasive (mask) mode. The mode indicator LED shows the user which mode is selected.



Invasive mode

For use with patients whose upper airways has been bypassed by either a tracheostomy or endotracheal tube or when using Optiflow. The humidifier will default to invasive mode when turned on.



Noninvasive mode (Mask mode)

Suitable only for patients whose natural humidification system (i.e. upper airway) has not been bypassed, but are receiving gas via a facemask or similar.

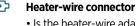


MUTE BUTTON

The mute button silences the humidifier's alarm. The duration of an audio pause is 2 minutes. Pushing the mute button can reactivate the audio alarm. Humidifiers with software version 8.00 or later will also display mute status with a green indicator.



SET-UP INDICATORS



- · Is the heater-wire adapter connected to the humidifier?
- Is the heater-wire adapter connected to the circuit?
- The heater-wire or heater-wire adapter might be faulty.

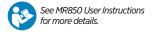


Temperature and flow probe connector

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

Continued on the following page

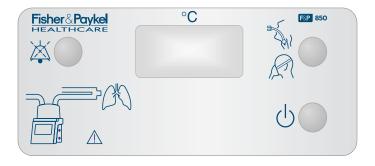
Humidifier alarms perform an important safety function and should not be ignored.







MR850 operation guide



SET-UP INDICATORS (continued...)



Chamber probe and 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 the probe?



Water out indicator

- · Is there water in the chamber?
- Is there water in the bag?
- · Is the feed set kinked?
- Has the flow of water to the chamber stopped due to system back pressure?



OPERATIONAL ALARMS

Low Temperature - Invasive Mode

A "Low Priority" alarm is activated 25 seconds after the displayed temperature falls below 35.5 $^{\circ}$ C. If the temperature remains low, a "Medium Priority" alarm is activated.

Low Temperature - Noninvasive Mode

A "Low Priority" alarm is activated 25 seconds after the displayed temperature falls below 26.0 °C (Please note: This alarm is only applicable to MR850 models with software versions 8.00 or later)

 Is there a fan or draft? Redirect away from the breathing circuit

High Temperature

A "Medium Priority" alarm is activated immediately if at any time the displayed temperature reaches 41 °C or if the airway probe temperature reaches 43 °C. The humidifier will immediately power-down the heater-wire and heater-plate, followed by a flashing temperature display.

Monitor the displayed temperature closely

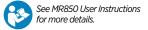
If the alarm continues, replace the relevant component and contact your local Fisher & Paykel Healthcare representative.



See manual indicator

Indicates a hardware fault. The humidifier and all accessories shall be replaced immediately and sent for servicing.

Humidifier alarms perform an important safety function and should not be ignored.





For more information please contact your local Fisher & Paykel Healthcare representative

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