

Respimo M2 Humidifier Quick Reference

Respiratory Humidifier is intended to be used to warm and humidify gases delivered to patients who require mechanical ventilation or other respiratory support via a tracheal tube or face mask.



WARNING

- Ensure that invasive setting is used for patients that have bypassed airways.
- Use this device in ambient temperature of 18 to 26 °C. Gas inlet temperature to the humidifier should be at least equal to the ambient temperature and at most 5°C higher than the ambient temperature.
- The use of breathing circuits, chambers or other accessories which are not approved by **SAADAT** may impair performance or compromise safety.
- Ensure that both temperature probe sensors are correctly and securely fitted. Failure to do so may result in temperatures in excess of 41 °C being delivered to the patient.(Servo mode)
- Ensure maintenance of grounding integrity by connection to a “hospital grade” receptacle. Always disconnect supply before servicing.
- When mounting a humidifier adjacent to a patient ensure that the humidifier is always positioned lower than the patient.
- The warm-up time is a maximum of 30 minutes.
- The operation of high frequency surgical apparatus, shortwave or microwave equipment in the vicinity of the humidifier may adversely affect its function. If this occurs, the humidifier should be removed from the vicinity of such devices.
- Check accessories for any physical damage before use and replace if damaged.

Cleaning and disinfection

1. Disconnect the humidifier from the electrical outlet.
2. Clean the humidifier with normal dishwashing detergent or isopropyl alcohol using a damp cloth.
3. Wipe the humidifier clear of any cleaning residues before use.

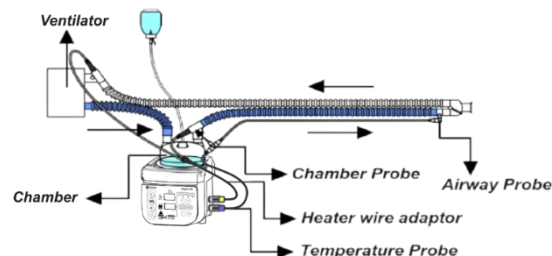
Caution

- DO NOT immerse the humidifier in any liquid. Using other solutions may damage the humidifier.
- DO NOT autoclave or sterilize humidifier or probes.
- DO NOT use EtO gas to disinfect the humidifier.
- The breathing circuit system components and chamber are single-use, dispose of them according to relevant regulations.

SET UP (Servo Mode)

1. Slide humidification chamber onto humidifier base and connect breathing circuit. Heated breathing circuit is necessary in this mode.
2. Connect the temperature probe plug to the blue socket.
3. Push the chamber probe and airway probe into the breathing circuit.
4. Connect the heater wire adaptor plug to the yellow socket on the humidifier base.
5. Connect the other end(s) of the heater wire adaptor to the breathing circuit socket(s).
6. The humidification system is now set up and ready for use. After power on, the humidifier will default to Servo mode.

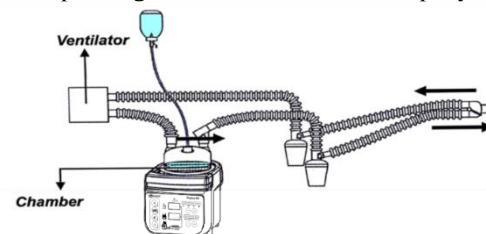
ATTENTION: Refer to operating instructions which accompany each accessory.



SET UP (Non-Servo Mode)

1. Slide humidification chamber onto humidifier base and connect breathing circuit. Use breathing circuit which contain water-trap.
2. The humidification system is now set up and ready for use. After power on, the humidifier will default to Servo mode. Push heater wire button to activate Non-Servo mode.

ATTENTION: Refer to operating instructions which accompany each accessory.



Invasive Setting (More than 33mg/L humidity in 5-30 L/min)

- Servo Mode: Airway temp (39~40)°C and Chamber temp (37~42)°C

Non- Invasive Setting (More than 10mg/L humidity in 5-60 L/min)

- Servo Mode: Airway temp (31~38)°C and Chamber temp (31~36)°C
- Non-Servo Mode: Heater plate temp (45~70)°C (Level 1 to 3)

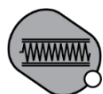
Unlock: Press the ‘Unlock’ key to give the user access to change settings and Power off. Respimo M2 will automatically lock if no action is taken within 10 sec.



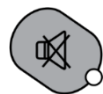
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Temp. Display: This display will normally show the Airway temperature in Servo mode and Plate heating level in Non-Servo mode.

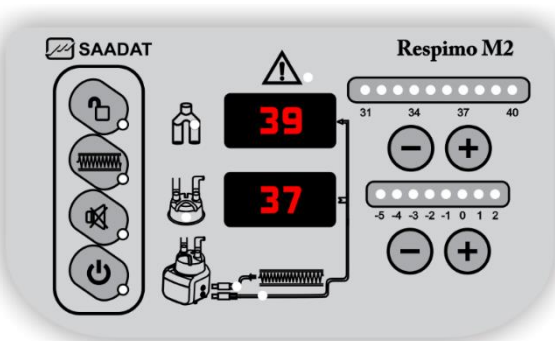
Heater wire: While the heater wire LED is on, Servo mode is activated and it is necessary to connect a temperature probe. Otherwise while the heater wire LED is off, the Non-Servo mode is activated.



Mute: The mute button silences the humidifier's audible alarm for up to two minutes. The muted time depends on the alarm condition and the severity of its cause.



Standby: The humidifier will power ON if this button is held down briefly, but must be held down for three second to turn the humidifier off (After Press Unlock Key). The humidifier will always default to servo mode when it is turned on.



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Temp. Display: This display will normally show the chamber temperature in servo mode and Plate temperature in Non-Servo mode.



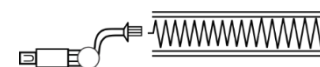
Adjustment buttons:

The user can adjust Airway temperature by \oplus and \ominus in servo mode and Plate heating level in Non-Servo mode.



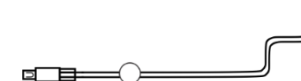
Adjustment buttons:

The user can adjust Chamber temperature by \oplus and \ominus in servo mode.



Heater Wire disconnection:

Lights if the heater wire adaptor or breathing circuit has not been connected, or is damaged. (Servo mode only)



Temp. Probe disconnection:

Lights if the temperature probe is not correctly plugged into the Respimo M2, or the probe is faulty.(Servo mode only)