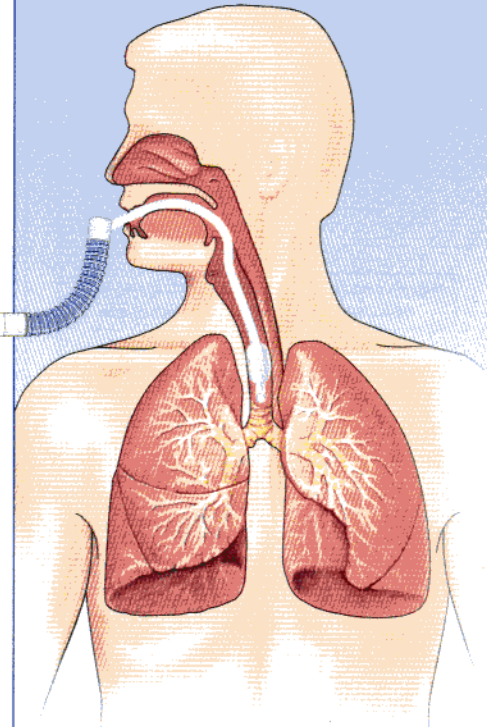


6 STEPS TO OPTIMAL HUMIDIFICATION

Setup

- 1 Fit the chamber**
Slide the humidification chamber onto the humidifier base. Remove the blue caps.
- 2 Hang the water bag**
Hang the water bag from water bag pole. Unwind the waterfeed set and spike waterbag. The bag should be at least 50cm (20 inches) above the chamber. Ensure waterfeed set is not kinked and that water is present in chamber.
- 3 Connect the circuit**
 - Connect short blue tube of the circuit from the ventilator inspiratory port to the humidification chamber.
 - Connect the elbow of the blue inspiratory limb to the humidification chamber.
 - Connect the elbow of the white expiratory limb to the expiratory port of the ventilator.
- 4 Connect the temperature probe**
 - Connect the blue temperature probe plug into the blue socket on the side of the humidifier.
 - Securely insert blue twin probe into breathing circuit elbow above the chamber.
 - Insert blue single probe into port at patient end of breathing circuit near the Y-piece.
- 5 Connect the heater wire adaptor**
 - Connect the yellow heater wire adaptor plug into the yellow socket on the side of the humidifier.
 - Connect the clover leaf end into the socket on the breathing circuit elbow above the chamber.
 - Connect the remaining oval end into the elbow expiratory limb.
- 6 Turn the humidifier on**
Select mode for invasive or non-invasive patients. Allow the humidifier 20 to 30 minutes to achieve temperature.

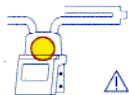


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SET-UP INDICATORS

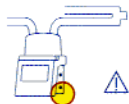
Water

- Is there water in chamber?
- Is there water in bag?
- Is the feed set kinked?
- Chamber may be damaged – replace



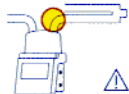
Temperature probe

- Is temperature probe connected to base?
- Temperature probe may be damaged – replace



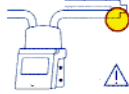
Chamber probe

- Is chamber probe fully inserted into circuit?
- Is there condensate or debris on probe?
- Temperature probe may be damaged – replace



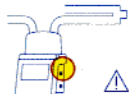
Airway probe

- Is airway probe fully inserted into circuit?
- Is there condensate or debris on probe?
- Temperature probe may be damaged – replace



Heater wire

- Is heater wire adapter connected to base?
- Is heater wire adapter connected to circuit?
- Circuit may be damaged - replace
- Adapter may be damaged – replace



See manual

- Note error code on display
- Turn humidifier off, remove it and all accessories from use
- Send unit and all accessories for service



MUTE BUTTON

Depending upon alarm condition and severity, pressing this button will silence alarms for at least two minutes



HUMIDITY ALARM



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
- If the average gas flow is greater than 60 liters per minute, the humidity alarm acts as a reminder that the patient is receiving inadequate humidity and may require further intervention to maintain airway clearance

Together with a displayed temperature of 41°C or higher

- Monitor displayed temperature closely
 - Temperature probe may be damaged - replace
- Heating will be discontinued to the humidification chamber and breathing circuit until the displayed temperature decreases to within normal limits

MODE BUTTON

Pressing this button until two audible tones are heard switches the humidifier between invasive and non-invasive humidification modes



Invasive Mode

Delivers gases as close to body temperature and saturated (37°C, 44mg/L) as possible for patients with bypassed airways. Normally the displayed temperature will be 37°C, but may drop as low as 35.5°C to minimize breathing circuit condensate under cold or drafty conditions. The humidifier defaults to invasive mode when it is turned on

WARNING: Ensure that invasive mode is set for patients that have bypassed airways



Non-Invasive Mode

Delivers gases at a comfortable level of humidity (34°C, 32mg/L) for patients receiving non-invasive therapy. Normally the displayed temperature will be 31°C

ON/OFF BUTTON

Turns the humidifier on or off. The humidifier defaults to invasive mode when it is turned on