**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.

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**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?

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**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.
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.