F&P 850™ System

MR850 Heated Humidifier

MR850 HEATED HUMIDIFIER

The MR850 heated humidifier is part of a complete system designed to deliver optimally humidified gas to adult and infant patients.

This dual feedback system incorporates advanced algorithms designed to achieve optimal humidity levels, while minimizing caregiver attention required.

The MR850 can be used for the full range of Fisher & Paykel Healthcare therapies across the F&P Respiratory Care Continuum™.

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MR850 | FEATURES

Designed for use throughout the hospital environment wherever medical gas is being supplied to patients, the MR850 heated humidifier incorporates advanced technology that provides physiological levels of humidity at body temperature. This technology along with simple controls allow this humidifier to be used in a wide range of settings.

EnviroSmart™

The MR850 incorporates technology to optimize humidity output while adjusting to changes in the environment and minimizing alarms.

Simple User Interface

An easy to read display and simple 3 button interface ensure the MR850 is simple to operate.

F&P Respiratory Care Continuum™

The MR850 can be used with all patient groups and for all therapies along the Fisher & Paykel Healthcare Respiratory Care Continuum.

1. Mode Control Selection
- Invasive mode is designed to deliver Optimal Humidity, for all therapies requiring gas delivered at 37ºC, fully saturated
- Noninvasive mode delivers comfortable levels of humidity, for face mask / headbox delivery

2. Temperature Display
- Easy to read display in varying ambient light levels

3. Setup Indicator
- Visually indicates specifically where troubleshooting needs to occur

4. Mute Button
- Silences audible alarm for a short period

5. Connectors
- Colour coded for easy operation
- Secure connection
- Connection errors are detected
- Measure and control the temperature of gas in the breathing circuit

MR850 HEATED HUMIDIFIER				
MODEL	AXX	GXX	JXX	PXX
Supply Voltage	230V~	100V~	115V~	127V~
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Supply Current	1.0 A Max	2.3 A Max	2.0 A Max	1.8 A Max
Flow Range	Up to 60LPM invasive mode, up to 120LPM noninvasive mode			
Dimensions	140 x 173 x 135mm (without chamber fitted)			
Heater Plate Capacity	150W at nominal mains voltage			
Heater Plate Thermal Cutout	118 ± 6º C			
Heater Wire Supply	22V~, 60W Max			
Weight	2.8kg (without chamber)			
Recommended Temperature	Ambient temperature range 18-26º C			
Display Temperature Range	10-70º C, Accuracy: ± 0.3 ºC (in 25-45º C range)			
Warm Up Time	‹ 30 minutes			

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