

# F&P my820 System

## F&P my820 – RESPIRATORY HUMIDIFIER BASE

Model: my820JCA



### Specifications

<b>Intended Use</b>	The F&P 820 System is intended to provide therapeutic levels of heat and humidity to a patient's inspired respiratory gases when using a continuous or intermittent ventilator system or a continuous gas flow. This system is intended for both noninvasive and invasive therapies. The addition of heat and humidity to the supply of cold and dry respiratory gases provided through noninvasive or invasive ventilation is beneficial to prevent drying of the patient's airways. This system is designed for adult and pediatric (excluding neonate) use in long term care facilities and homes, under the prescription of qualified medical professionals.
<b>Clinical Procedures</b>	Invasive ventilation Noninvasive ventilation Humidified high flow
<b>Use</b>	Multi-patient, Multi-use
<b>Expected Service Life</b>	7 years (when used in accordance with the User Instructions)
<b>Dimensions</b>	98 x 135 x 154 mm (3.9 x 5.3 x 6.1 inches) with no chamber fitted
<b>Weight</b>	1.7 kg (3.7 lbs) with no chamber fitted
<b>Mounting Fixture</b>	30 x 5 mm mounting tongue
<b>Manufacturing Mode</b>	Produced in a Controlled Working Environment
<b>Disposal</b>	At the end of service life, dispose of the humidifier as per responsible organization's or local authorities' guidelines.

### Electrical | Specifications

<b>Supply Voltage</b>	115 V
<b>Permissible Supply Voltage Fluctuation</b>	± 10%
<b>Rated Power</b>	200 VA
<b>Supply Frequency</b>	50/60 Hz
<b>Heater-wire Adaptor Voltage</b>	22 V
<b>Heater-wire Adaptor Power</b>	35 W max.

### Performance | Specifications

	Setting 1	Setting 2	Setting 3	Setting 4
<b>Patient End Temperature Range</b>	26–34 °C	29–37 °C	32–40 °C	35–43 °C
<b>Humidity Performance*</b>	≥ 12 mg/L			≥ 33 mg/L
<b>Flow range (BTPS)</b>	5–70 L/min			5–40 L/min
<b>Warm-up Time</b>	< 60 minutes			

(including 1°C temperature measurement uncertainty and 1 mg/L humidity measurement uncertainty)

\*Humidity performance (except in the event of a humidity alarm, power failure or electromagnetic disturbance)

### Recommended Environmental Conditions | Specifications

<b>Ambient Temperature Range</b>	18–26 °C (64–79 °F)
<b>Ambient Relative Humidity</b>	15–90%
<b>Ambient Pressure</b>	700–1060 hPa

## Alarms | Specifications

<b>Alarm Sound Pressure Level</b>	> 45 dBA @ 1 m
<b>Audio Alarm Signal</b> Medium Priority Alarms	Three beeps (repeating)
<b>Alarm Indicators</b>	Check Water Caution Check Heater Wire Audio Alarm Paused
<b>Auditory Alarm Pause</b>	120 sec

## Packaging | Specifications

<b>Quantity per box</b>	1
<b>Packaging Material</b>	Cardboard box and LDPE plastic bag
<b>Dimensions</b>	215 x 215 x 200 mm (8.5 x 8.5 x 7.9 inches)
<b>Typical Weight (including contents)</b>	2.3 kg (5.07 lbs)

## Classifications | Specifications

<b>Electrical Classification</b>	Class II, continuous
<b>Humidifier Classification</b> Settings 1-3 Setting 4	Category 2 Category 1
<b>IP Classification</b>	IP21 Protected from ingress by fingers or similar objects and protected from dripping liquid
<b>Degree of Protection Against Electrical Shock</b>	Type BF applied part

## Regulatory | Specifications

<b>Classification</b>	CA II
<b>Country of Origin</b>	New Zealand
<b>GTIN Number</b>	09420012460950
<b>UNSPSC Number</b>	42271801
<b>GMDN Code</b>	12050
<b>Standards Compliance</b>	ISO 80601-2-74:2017 IEC 60601-1:2005 + A1:2012 IEC 60601-1-2:2014 + A1:2020 IEC 60601-1-11:2015 IEC 60601-1-8:2006 + A1:2012

F&P is a trademark of Fisher & Paykel Healthcare Limited.  
For patent information, see [www.fphcare.com/ip](http://www.fphcare.com/ip)

632118 REV A © 2024 Fisher & Paykel Healthcare Limited