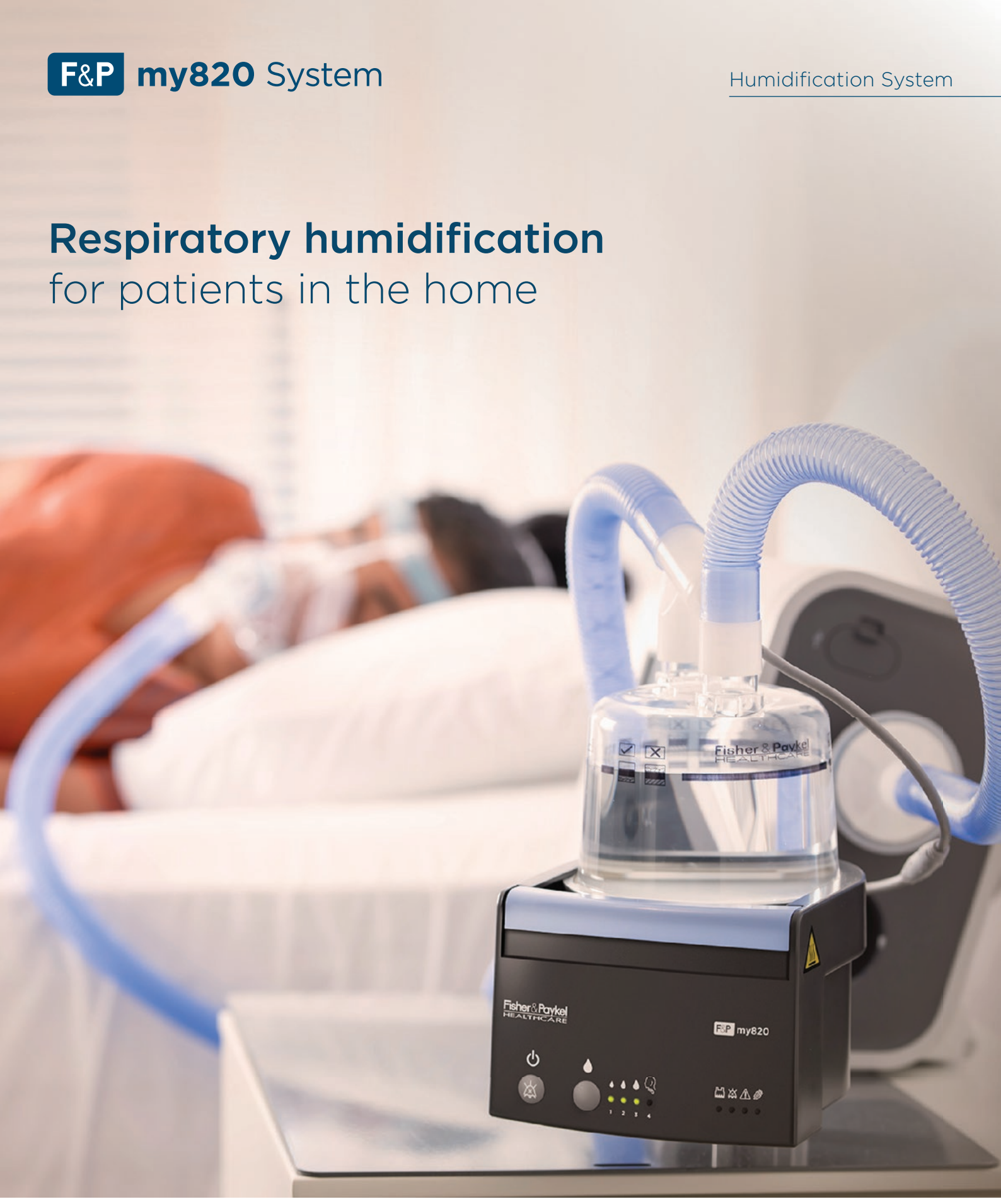
F&P **my820** System

Humidification System

Respiratory humidification
for patients in the home



fphcare.com

Fisher & Paykel HEALTHCARE



F&P my820 System

The F&P my820 System provides heated humidification for adult and pediatric home-based patients receiving invasive ventilation, noninvasive ventilation (NIV), or high flow therapies.

There are many benefits to using heated humidification in the home, such as maintaining secretion clearance in patients with bypassed airways[1] and supporting comfort and tolerance of NIV therapies.[8]


MR325
Fisher & Paykel
HEALTHCARE
my820

Why choose the F&P my820 System?

1

Heated inspiratory tube

A heated inspiratory tube aims to maintain the heat and humidity of therapeutic gases traveling from the humidifier chamber to the patient, which helps minimize circuit condensation.

2

No separate probes or adapters

An inbuilt heater wire adapter and ambient temperature sensor eliminates the need for separate probes, reducing the number of wires around the device and simplifying system setup.

3

500 mL chamber capacity

The manual-fill chamber can be used on a single patient for up to 28 days.

4

Four humidity settings

Patients receiving NIV can select a humidity setting that supports comfort and therapy tolerance.

5

Simple alarms

Designed with home-based patients in mind, the F&P my820 System features an intuitive alarm system that can detect when the chamber has run out of water.



CHECK WATER



AUDIO ALARM PAUSED



CAUTION



CHECK HEATER WIRE


1
2
3
4
5
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F&P my820
F&P 820
1 2 3 4

Why is humidity important?



An overview of a healthy airway

Our respiratory system relies on humidity to function optimally.[1]

When we breathe in, air travels into our respiratory system where the upper airway adds heat and moisture to humidify every inhalation. By the time a breath reaches our lungs, it is at a temperature of 37°C and is fully saturated with 44 mg/L of water vapor.[2,3]



Supporting a compromised respiratory system

When our respiratory systems are compromised, affecting gas exchange in the lungs, NIV therapy can provide respiratory support outside of a hospital setting.[4]

Without humidification, NIV therapy can be hard to tolerate. The delivery of cold, dry air may lead to mild to severe mouth dryness and discomfort, an issue many patients report when using NIV in the home.[5]

Humidifying NIV therapy can not only make it more tolerable, but also supports the normal functioning of our respiratory systems.[6]

Scan to view video

Watch our short, animated video illustrating the benefits of using heated humidification for patients receiving respiratory therapies in the home.



Your respiratory defense systems

A key line of defense against pathogens reaching our lungs is the mucociliary transport system (MTS).[1]

The MTS lines the respiratory tract with tiny hair-like structures called cilia that work together to trap contaminants in mucus and move them up and out of the airway. Because the MTS uses mucus to capture and move contaminants from our lungs, it is highly sensitive to heat and moisture.[1]

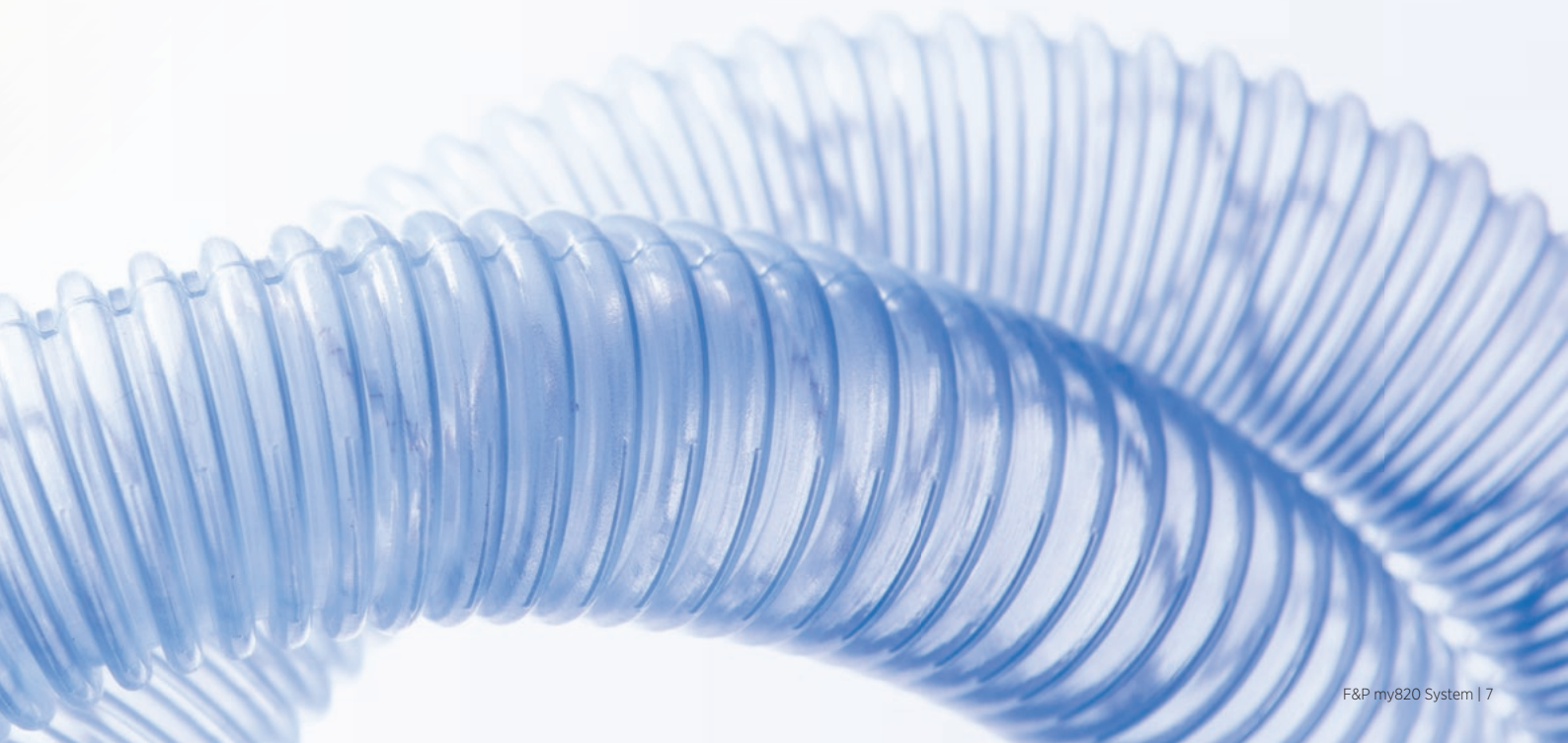
Adding humidification to respiratory therapies supports the effective function of our MTS.[1,7]



How humidity supports the lungs

Patients may experience discomfort and dryness in the upper airway if there is a lack of sufficient heat and humidity during NIV therapy. [5,8,9]

Heated humidification adds warmth and moisture to the breath, helping to maintain the airway's mucosa.8 This not only keeps the MTS effective, but also helps combat one of the main side effects of NIV for patients, which is mouth dryness.[5]



F&P my820 System

Product code	Description
my820ANZ	F&P my820 humidifier - 230 V



Product code	Description	Components	Pack size	Duration of use
820A10*	F&P 820 Circuit Heated Single Limb 22 mm		Box of 10 Circuit Kits	Up to 28 days
MR325	F&P 820 Chamber Manual Fill 500 mL		Box of 10 Chambers	Up to 28 days

* Suitable for patients >5 kg

ALWAYS READ THE INSTRUCTIONS FOR USE





References

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REF 632540 REV B 2026-07 © 2026 Fisher & Paykel Healthcare Limited

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