

# FISHER & PAYKEL AIRVO 2



## ABOUT

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The Fisher and Paykel Airvo 2 is a humidifier with an integrated flow generator that delivers high-flow warmed humidified respiratory gases to spontaneously breathing patients through a variety of patient interfaces. The Airvo 2 has an adjustable flow from 2 - 60 L/min depending on the patient interface. The Airvo HFNC is suitable for hospitals and long-term care facilities.

## FEATURES

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Dual spiral heated breathing tube with integrated temperature sensor: Maintains consistent gas temperature and humidity levels, enhancing patient comfort and preventing condensation buildup.

Compatible with multiple patient interfaces: Works with Optiflow nasal cannulas, tracheotomy connections, and mask interfaces for versatile clinical applications.

Supplemental oxygen compatibility: Allows oxygen from a concentrator or cylinder to be blended seamlessly into the delivered flow.

Built-in ultrasonic analyzer: Eliminates the need for calibration or replacement, ensuring accurate oxygen delivery with minimal maintenance.

Adjustable temperature and flow settings: Provides precise control to meet individual patient needs across a wide range of therapy conditions.

Simple setup and maintenance: Designed for easy operation, cleaning, and quick deployment in busy clinical environments.



## SPECIFICATIONS

### GENERAL

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**Supply frequency:** 50-60 Hz

**Supply voltage/current:** 100-115 V 2.2 A (2.4 A max†); 220-240 V 1.8 A (2.0 A max)

**Sound pressure level:** Alarms exceed 45dbA @ 1 m

**Auditory alarm pause:** 115 seconds

**Expected service life:** 5 years

**Serial port:** The serial port is used for downloading product data, using F&P Infosmart software.

**Warm-up time:** 10 minutes to 31 °C (88 °F), 30 minutes to 37 °C (98.6 °F)

**MR290 chamber with flow rate of 35 L/min and starting temperature 23 ± 2 °C (73 ± 3 °F)**

**Target temperature settings:** 37, 34, 31 °C

# SPECIFICATIONS



## DIMENSIONS

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Height: 11.6" (29.5 cm)

Width: 6.7" (17 cm)

Depth: 6.9" (17.5 cm)

Weight: 4.8 lbs (2.2 kg)

## PERFORMANCE

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Humidity performance

- >33 mg/L at 37 °C target

- >12 mg/L at 34 °C target

- >12 mg/L at 31 °C target

Maximum temperature of delivered gas: 43 °C (109 °F) (in accordance with ISO 80601-2-74)

Maximum surface temperature of applied parts: 44 °C (111 °F) (in accordance with ISO 80601-2-74)

Flow range (default): 10-60 L/min

Flow range (Junior Mode): 2-25 L/min

Maximum oxygen input: 60 L/min

Oxygen analyzer accuracy: < ± 4 % (within the range 25-95% O<sub>2</sub>)

Operating conditions: 18-28 °C (64-82 °F), 30-70% RH