



The **Fisher and Paykel Airvo 2** is a humidifier with 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

- Dual spiral heated breathing tube with an integrated temperature sensor.
- Can be used with Optiflow nasal cannula interfaces as well as direct-connect tracheotomy and mask interfaces.
- Oxygen from a concentrator or cylinder can be added.
- Built-in ultrasonic analyzer requires no calibration, service, or replacement.
- Adjustable temperature and flow settings.
- Designed for simple setup, use, and cleaning.



Specifications

Dimensions

Height: 11.6" (29.5 cm)
Width: 6.7" (17 cm)
Depth: 6.9" (17.5 cm)
Weight: 4.8 lbs (2.2 kg)

General

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) using a 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

Performance

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% O₂)
Operating conditions: 18-28 °C (64-82 °F), 30-70% RH

