Optiflow Nasal High Flow: Daily-use for multiple patients

Confidence to multi-use your nasal high flow system with the FDA-cleared daily patient use Optiflow Oxygen Kit and filtered nasal interface.

When used with a filtered nasal interface, AA403 is multiple patient use for a maximum of 24 hours after set up. Cleaning and disinfection is required between each patient, the AA403 can be cleaned and disinfected up to a maximum of 30 times.

Reduce waste

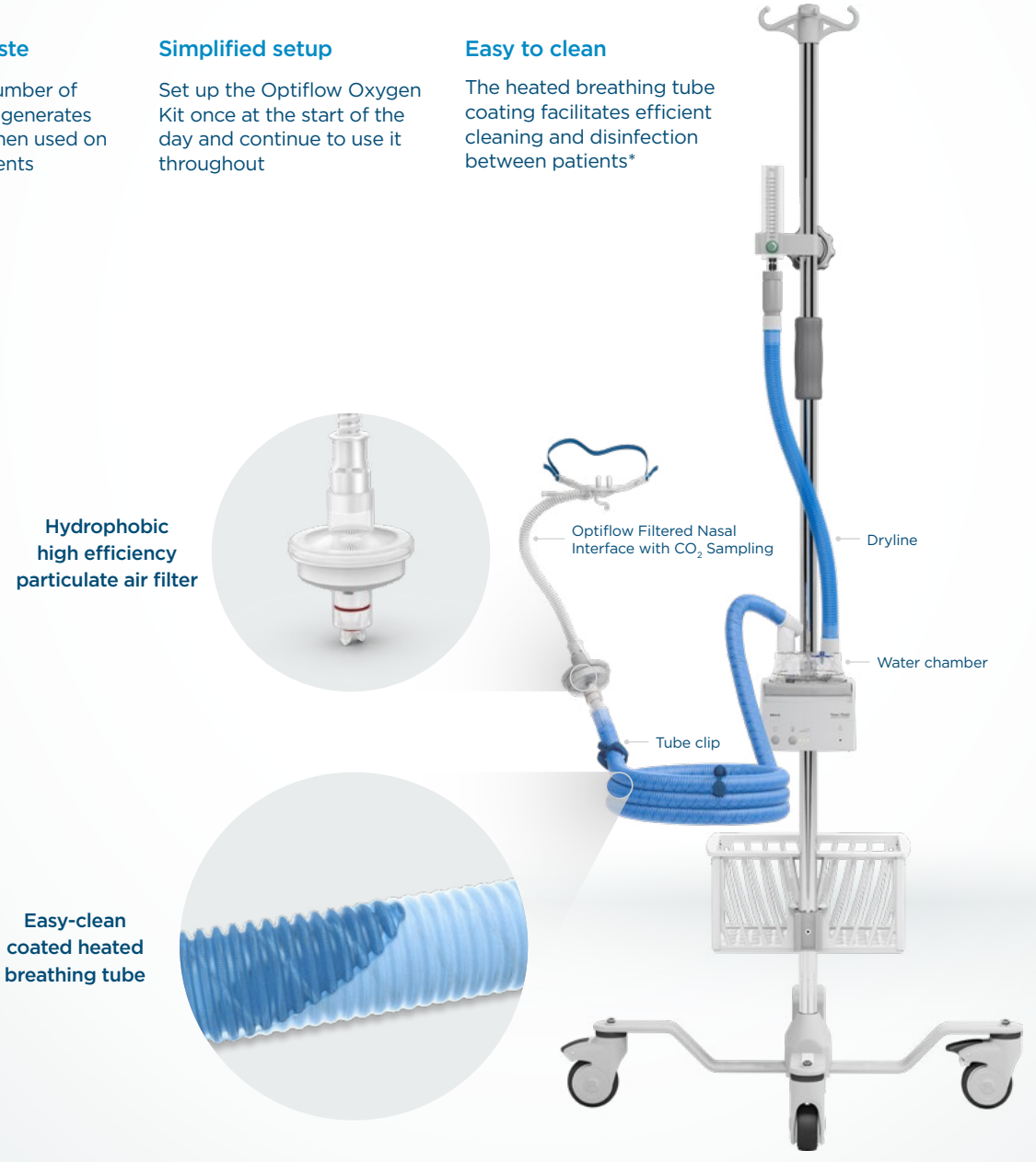
A reduced number of components generates less waste when used on multiple patients

Simplified setup

Set up the Optiflow Oxygen Kit once at the start of the day and continue to use it throughout

Easy to clean

The heated breathing tube coating facilitates efficient cleaning and disinfection between patients*



*Refer to the user instructions for cleaning and disinfection instructions.

AA403 Optiflow Oxygen Kit

When used with an FDA cleared hydrophobic filter and interface, the AA403 cleaning and low-level disinfection have been validated. Cleaning and disinfection validation testing was completed as per the standards: Advancement of Medical Instrumentation (AAMI) TIR30:2011 and AAMI TIR12 by an independent, US Based laboratory – Nelson Laboratories, Salt Lake City, Utah. Testing includes realistic, worst-case inoculation of test samples with representative test soils. Reprocessing is completed as per the instructions for use and the residual soil is extracted and measured.

Cleaning

Test	Result
Carbohydrate test (Maltodextrin)	**0.28 µg/cm²** (acceptance criteria < 1.8 µg/cm²)
Micro BCA protein test (Albumin)	**0.11 µg/cm²** (acceptance criteria < 6.4 µg/cm²)

Note: the acceptable residual carbohydrate and protein levels for flexible endoscopes are 1.8 and 6.4 µg/cm² respectively.

Disinfection

Test		Result
Bioload reduction	K. pneumoniae	**Log 6.9 reduction 99.999988%** (Beyond detection limit)
	P. aeruginosa	**Log 6.3 reduction 99.999939%**
	E. coli	**Log 6.7 reduction 99.99998%** (Beyond detection limit)
	S. aureus	**Log 7 reduction 99.999989%** (Beyond detection limit)

AA031J Optiflow Filtered Nasal Interface with CO_2 Sampling

(featuring a pleated hydrophobic high efficiency particulate air filter)

The AA031J interface filter has been tested as per and in accordance with standards for particulate, bacterial and viral filtration efficiency according to ISO 23328-1 and a method adapted from ASTM F2101. Testing was undertaken at a qualified, independent facility that develops specific protocols in line with ISO or ASTM standards to simulate the types of challenges that a filter may be subjected to in clinical settings.

The filter media's hydrophobic properties enable it to repel fluids that may accumulate during the delivery of humidification. The hydrophobicity ensures filtration efficiency is maintained to prevent the risk of contamination that may be caused by fluid passing through the system.

Test Method	Test Material	Size	Filtration Efficiency
ASTM F2101-14 (bacterial)	Staphylococcus Aureus Bacteria	3.0 ± 0.3 µm	99.999%
ASTM F2101-14 (viral)	Phi X174 Virus	3.0 ± 0.3 µm	99.996%
ISO 23328-1	Sodium Chloride Particles	0.26 µm	99.974%