

# AEROECLIPSE<sup>\*</sup> II BAN<sup>\*</sup>

## Nebulizer provides dose assurance of inhaled aerosol

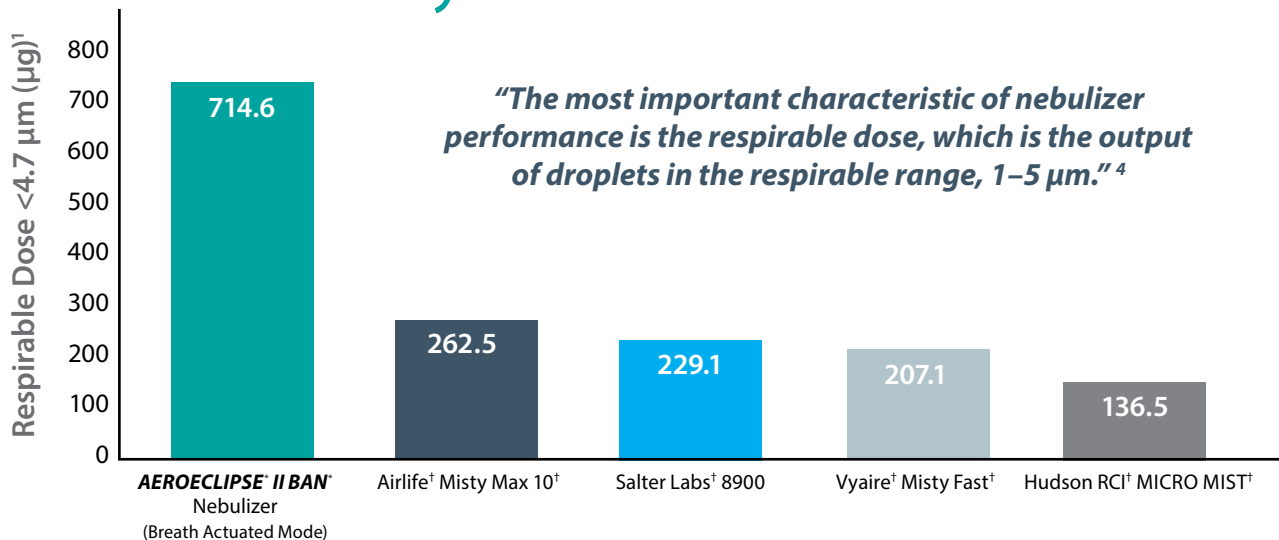
✓ **Respirable dose assurance** - breath actuation only produces aerosol on inhalation so medication is conserved that would otherwise go to waste<sup>1</sup>

✓ **Greater lung deposition** - more aerosolized medication is delivered to the lungs compared to a conventional small volume jet nebulizer<sup>2</sup>

✓ **Reduction in potentially harmful emissions**  
- has substantially reduced environmental losses compared to non-breath actuated small volume nebulizers<sup>3</sup>



### Respirable Dose is the only measure that matters



3-mL fill of 2.5 mg albuterol; tidal volume = 500 mL; n = 5 devices/group; Inspiratory: Expiratory (I:E) Ratio = 1:2; Breaths per minute (BPM) = 10. The AEROECLIPSE<sup>\*</sup> II BAN<sup>\*</sup> Nebulizer group was operated in breath actuated mode.

# Designed with patients in mind



**Green feedback button** moves down as you inhale to encourage slow, deep breath

**Mode selector** to choose either breath actuated or continuous mode

**Mouthpiece** can be removed and replaced with a mask

**Exhalation valve** directs exhaled breath away from your face and eyes

**ComfortSeal\* Masks** contour gently to the face providing a secure and comfortable fit. Available in small, medium and large sizes. 6 months, reusable

**Filter Kit** reduces environmental emissions to  $\leq 1\%$  when assembled with the **BAN\*** Nebulizer<sup>5</sup>

**AeroEclipse**  
BAN\* Nebulizers

- ✓ Single-patient use
- ✓ 7 days, disposable

### Cleaning:‡

- ✓ Hand Washing
- ✓ Sterile Water

### Disinfection:‡

- ✓ 70% Isopropyl Alcohol

‡ Excluding tubing. Refer to the [instructions for use](#) for additional information.

## AEROSOL PERFORMANCE

Total Output <sup>1</sup>	860.3 µg
Respirable Dose <sup>1</sup>	714.6 µg
Fine Particle Fraction (% < 4.7 µm) <sup>1</sup>	83.1%
Mass Median Aerodynamic Diameter (MMAD) <sup>5</sup>	2.8 µm

Respirable Dose = Total Output x Fine Particle Fraction  
3-mL fill of 2.5 mg albuterol; tidal volume = 500 mL; n = 5 devices/group; I:E Ratio = 1:2; BPM = 10. The **BAN\*** Nebulizer group was operated in breath actuated mode. Fine particle fraction < 4.7 µm was determined in a separate series of measurements by laser diffractometry.

## TECHNICAL SPECIFICATIONS

Delivery Method	Spontaneous Breathing
Nebulizing Method	Breath Actuated or Continuous Mode
Operating Flow Rate	7 – 8 L/min @ 50 psi
Maximum Fill Volume	6 mL

Not made or manufactured with bisphenol A (BPA), di(2-ethylhexyl) phthalate (DEHP), latex or lead.

## ORDERING INFORMATION

Part Number	Description	Case Quantity
10550191050	<b>AEROECLIPSE* II BAN*</b> Nebulizer with mouthpiece, tubing and instructions for use	50
105503110010	<b>ComfortSeal*</b> Mask with Elbow, Small	10
105502110010	<b>ComfortSeal*</b> Mask with Elbow, Medium	10
105504110010	<b>ComfortSeal*</b> Mask with Elbow, Large	10
10551491015	<b>EZ Twist</b> Tubing, Replacement	15
115503110025	Filter Kit for use with <b>AEROECLIPSE* BAN*</b> Nebulizers	25



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Developed in Canada  
Manufactured in Canada with  
Canadian and imported parts.

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References 1 Nagel M, et al. American Journal of Respiratory and Critical Care Medicine 2021;203:A4672. 2 Corcoran T, et al. Respiratory Care 2019;64(10):3235-398. 3 Nagel M, et al. Respiratory Drug Delivery 2021;1:287-292. 4 Hess DR. Aerosol Delivery Devices in the Treatment of Asthma. Respiratory Care 2008;53(6):698-725. 5 TMI Data on file. 201117-001 Rev B \* registered trade-marks of Trudell Medical International (TMI). † trade-marks and registered trade-marks of their respective companies. © TMI 2020, 2022. All rights reserved.