

# THE MOST SIGNIFICANT ADVANCEMENT

in the history of small volume nebulizers



## The Benefits of a Breath Actuated Nebulizer (BAN)

- Virtually no aerosol is produced during expiration
- Clinical dose assurance
- Environmental protection for caregivers and healthcare providers
- Less wasted medication

*Ultimate dose assurance of inhaled aerosol that may provide a safer healthcare and patient environment.<sup>1,2</sup>*

# AeroEclipse<sup>\*</sup> II

Breath Actuated Nebulizer

**Confidence** in aerosol delivery

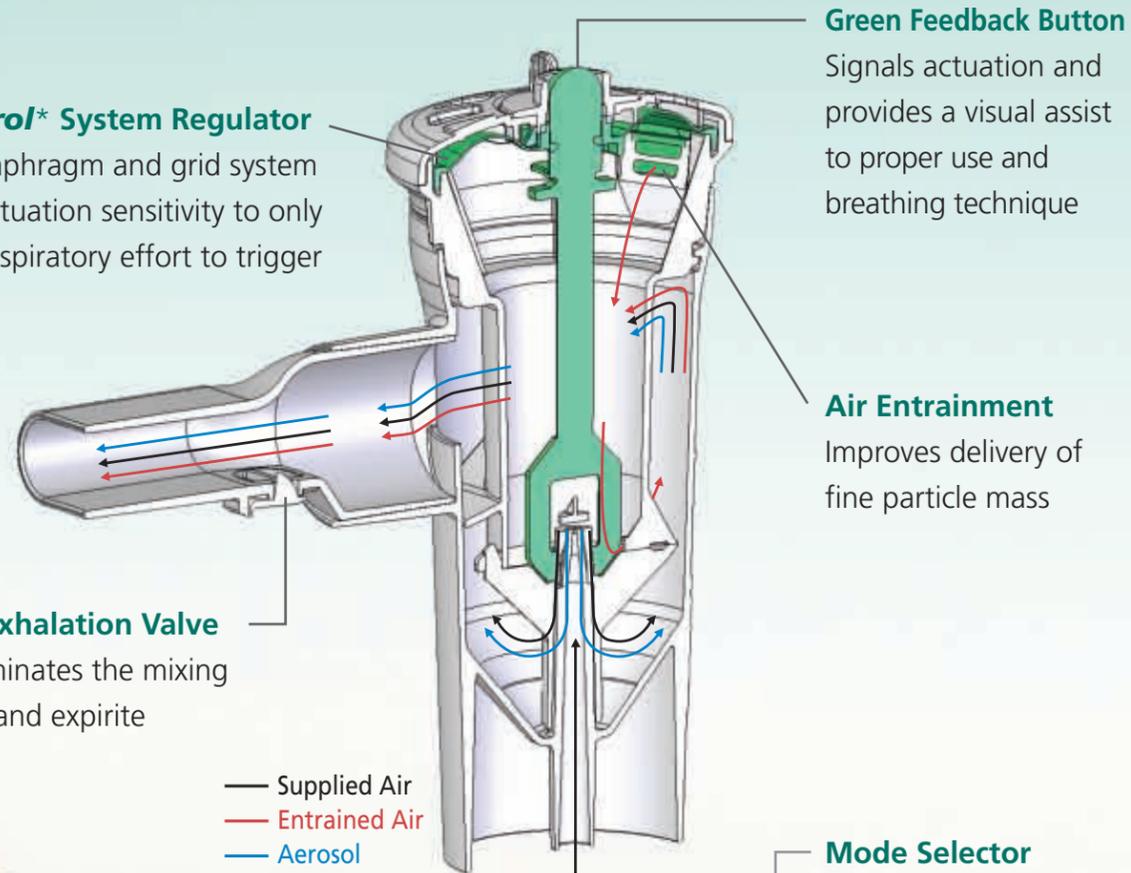
# Superior, Assured Aerosol Performance with the *AeroEclipse\* II BAN*

## **AeroControl\* System Regulator**

Patented diaphragm and grid system enhances actuation sensitivity to only 15 lpm of inspiratory effort to trigger the device

## **One-Way Exhalation Valve**

Virtually eliminates the mixing of inspirate and expirite



— Supplied Air  
— Entrained Air  
— Aerosol

**Breath Actuated Nebulizer**

## **Green Feedback Button**

Signals actuation and provides a visual assist to proper use and breathing technique

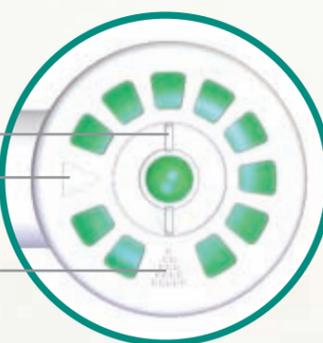
## **Air Entrainment**

Improves delivery of fine particle mass

## **Mode Selector**

Convenient selection of operational modes

**Top View**



## **Breath Actuated Mode**

## **Continuous Mode**

## **AeroEclipse\* II Breath Actuated Nebulizer** Confidence in aerosol delivery

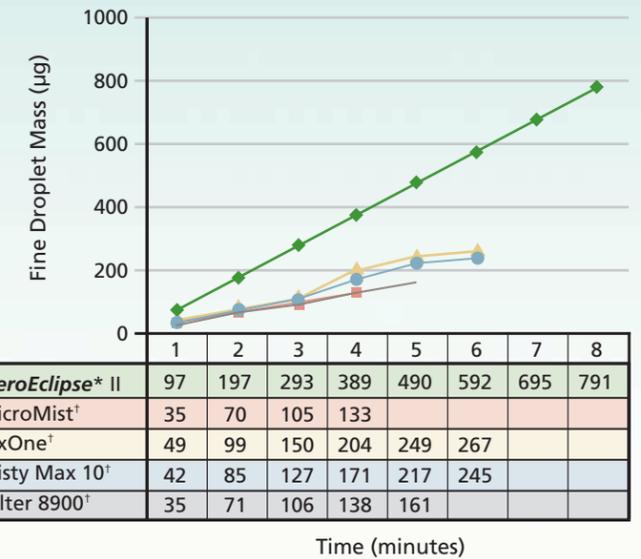
### **When using the AeroEclipse\* II BAN**

titrate to the lowest dose at which effective control can be maintained.

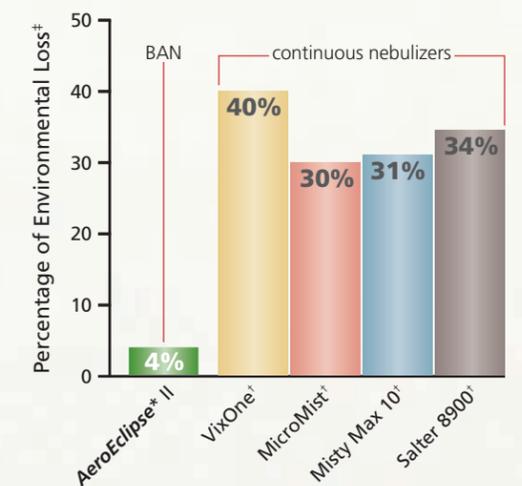
### **Less Drug Exposure from the AeroEclipse\* II BAN**

"It is important for respiratory therapists and other medical professionals to recognize and understand the possible respiratory effects related to the administration of aerosolized substances and take appropriate steps to minimize their exposure to these medications during patient diagnostic procedures and treatments."<sup>1</sup>

### **Fine Particle Dose<sup>3</sup> – Albuterol**



### **Fugitive Emissions<sup>3</sup> – Albuterol**



<sup>‡</sup> Mass loss includes drug that escaped from the nebulizer to the surrounding atmosphere together with trace amounts left behind in the ampoule



# AeroEclipse<sup>®</sup> II

Breath Actuated Nebulizer

## Product Specifications

### Feature

### AeroEclipse II

Reorder Number – Case of 50 units (Includes: <b>AeroEclipse<sup>®</sup> II</b> BAN, mouthpiece, supply tubing, patient instruction sheet)	10550191050 <b>Size:</b> Package(Single Unit) 24cm x 189cm x 8cm (9.5" x 7" x 3") Carton(50/Box) 50cm x 26cm x 40cm (19.5" x 10" x 15.5") <b>Weight:</b> Package(Single Unit) 82 grams (0.18lbs) Carton(50/Box) 4.54 kg (10lbs)
Delivery Method	Spontaneous Breathing
Nebulizing Method	Breath Actuated or Continuous Mode
Actuation Flow Rate	15 lpm
Fill Lines	External molded: 0.5 ml to 6 ml Internal molded: 1 ml
Operating Flow Rate	7 – 8 lpm, 50 psi
Air Entrainment	Yes – through the top
Visual Actuation Feedback Indicator	Yes
Drool Guard	Yes
Latex Free	Yes
Removable Mouthpiece	Yes
Operating Angle	Up to 45 degrees

### Aerosol Performance

Fine Particle Fraction <sup>†</sup> (% < 4.8 microns)	78.4 %
Mass Median Aerodynamic Diameter <sup>†</sup> (MMAD)	2.8 µm
Breath Actuated Mode <sup>‡</sup> (2.5mg albuterol, UD)	Respirable Dose to Sputter Respirable Dose per Minute
Breath Actuated Mode (2.5mg albuterol, 0.5ml/0.5ml)	Respirable Dose to Sputter Respirable Dose per Minute
Continuous Mode <sup>‡</sup>	Respirable Dose to Sputter
Environmental Aerosol <sup>‡</sup> Emissions (3.0ml UD albuterol)	Breath Actuated Mode

<sup>‡</sup> TMI Aerosol Lab, Data on File. 3.0ml Albuterol Solution 0.83mg/ml, 8 L/min 50psi, tidal volume 0.6L, rate 10bpm, 33% duty cycle as inhalation



Grab N' Go Kit

### Ordering Information

Part Number	Description	Case Size
10550191050	<b>AeroEclipse<sup>®</sup> II</b> BAN with Mouthpiece, Supply Tubing and patient instructions	Case of 50

Superior, Assured Aerosol Performance with the **AeroEclipse<sup>®</sup> II** Breath Actuated Nebulizer



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REGISTERED  
ISO 13485  
QUALITY SYSTEM



ISO CLASS 8  
CLEANROOM MANUFACTURING

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#### References:

- 1 Respiratory Therapists Twice as Likely to Have Asthma Than Other Therapists – Exposure to Patient Treatments May Increase Therapists' Asthma Risk, Canadian Society of Respiratory Therapists News, Oct. 2004.
- 2 Carnathan B, Martin B, Colice G. Second Hand (S)-Albuterol: RT Exposure Risk Following Racemic Albuterol. Respiratory Care, October 2001, Vol. 46, No. 10.
- 3 TMI Aerosol Lab, Data on File. 3.0ml albuterol solution 0.83mg/ml, 8L/min, 50psi, tidal volume 600 mL, Rate 10bpm, 33% duty cycle as inhalation (breath actuation mode).