

The **AeroDawg*** Canine Aerosol Chamber is designed to be used with a Metered Dose Inhaler (puffer) to deliver aerosol medication to canines with chronic bronchitis, chronic rhinitis, laryngeal paralysis or tracheal collapse.

The use of inhaled medication provides targeted delivery of medication to the lungs and reduces the side effects seen in dogs treated with systemic medications.¹ Therapeutic effect can often be achieved with only a fraction of the dose required for systemic delivery of the same drug.²

Flow-Vu* Inhalation Indicator



The **Flow-Vu*** Indicator moves with inhalation and provides the caregiver with visual confirmation of the dog inhaling their medication. This is important because some dogs hold their breath when first introduced to the mask. The **Flow-Vu*** Indicator also allows the caregiver to count breaths and ensure a proper facemask seal.



2 Mask Sizes

Each device is shipped with 2 different sized facemasks. The mask should cover the nose and mouth. However, if not possible apply the mask to the dogs nostrils while gently holding the muzzle closed.

Inhalation Valve

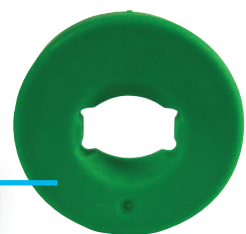
Extra sensitive, low resistance valve is designed to respond to shallow, low volume breaths

Anti-static Chamber

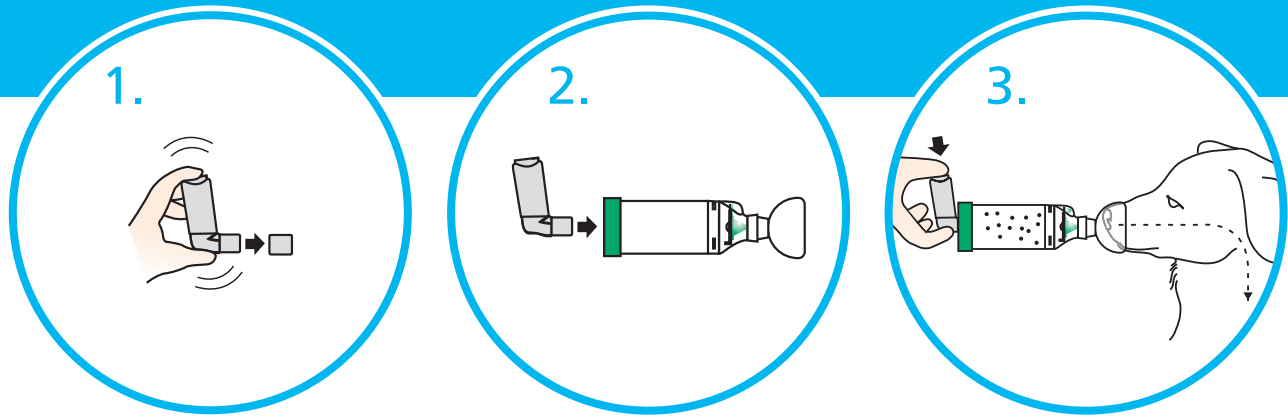
Holds the medication allowing the dog more time to inhale

Universal Backpiece

Can be used with all commonly prescribed Metered Dose Inhalers (Note: not designed for use with Dry Powder Inhalers)



Easy to Use



1. Remove cap and shake inhaler

2. Insert inhaler into back of chamber and gently apply the mask to the dog's face

3. Press the inhaler to release the medication when the **Flow-Vu*** Inhalation Indicator is moving toward the dog and hold the mask in place for 5–6 breaths

Metered Dose Inhaler Treatment

Adapted from: Padrid P. Use of inhaled medications to treat respiratory diseases in dogs and cats. Journal of the American Animal Hospital Association 42:165-169 (2006).

DRUG	DOSE	USAGE	INDICATION
Salbutamol • Available through different manufacturers	• 1-2 puffs (100 µg/puff) administered via AeroDawg* Chamber • Each Metered Dose Inhaler contains 200 puffs	• Use as needed, but not routinely • In emergency cases, salbutamol can be used q30 minutes for up to 4 to 6 hours without serious side effects	Immediate relief of bronchoconstriction
Fluticasone Propionate • Brand name: Flixotide [†] Evohaler [†] Metered Dose Inhaler • Available in three strengths: 50 µg, 125 µg and 250 µg/actuation	• Dogs <20 kg: 1 puff (125 µg) q12h administered via AeroDawg* Chamber • Dogs >20 kg: 1 puff (250 µg) q12h administered via AeroDawg* Chamber • Each Metered Dose Inhaler contains 120 puffs	Overlap with oral prednisolone for 2-3 weeks when starting since Flixotide [†] Evohaler [†] takes 1-2 weeks to reach peak effect	Long-term control of airway inflammation

NOTES:

- If the dog gets frightened when pressing the inhaler, press the inhaler before placing the mask on the dogs muzzle. Note: this means the dog will receive a lower dose and may then require a second administration to guarantee they receive an adequate amount of medication.⁴
- If the dog is treated with both fluticasone and salbutamol, the salbutamol should be given first.⁴
- Although a number of additional corticosteroid drugs have been produced for inhaled administration, fluticasone is preferred, because it is the most potent and has the longest half-life¹
- Some of the newer Metered Dose Inhalers include dose indicators. If not, owners are encouraged to keep track of puffs.

¹ Padrid P. Use of inhaled medications to treat respiratory diseases in dogs and cats. Journal of the American Animal Hospital Association 42:165-169 (2006).

² Labiris NR, Dolovich MB. Pulmonary drug delivery. Part II: the role of inhalant delivery devices and drug formulations in therapeutic effectiveness of aerosolized medications. Br J Clin Pharmacol 2003;56(6):600-612.

³ Olah GA. Which drugs are used to treat feline asthma? Plumbs Therapeutics Brief May 2015: 18-30.

⁴ Pernas GS. Feline asthma. Veterinary Focus. Vol 20 no 2, 2010: 10-17.

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Trudell Medical International

725 Third Street, London,
Ontario, Canada, N5V 5G4

Distributed by:



154 Worcester Road, Malvern,
Worcestershire WR14 1AA,
United Kingdom
Tel: +44 (0) 330 053 5056
Fax: +44 (0) 0330 043 5056
enquiries@breatheazy.co.uk

AeroDawg 

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www.aerodawg.co.uk