



PureHale[®]

Technology Platform



Delivering solutions, shaping the future.

Aptar 
pharma

PureHale® Technology Platform

Better Breathing Made Easy

PureHale® Helps Provide Symptom Relief for Upper Airway Conditions

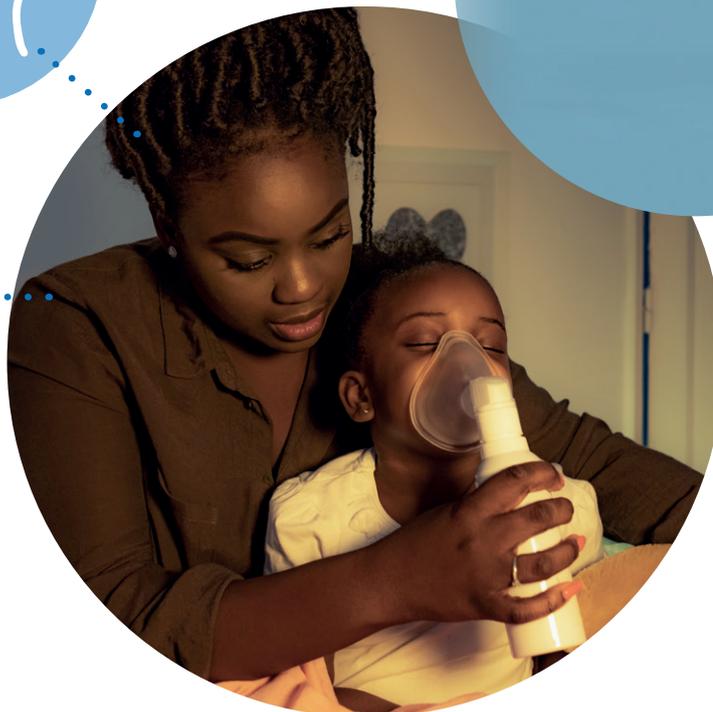
PureHale® is designed, when used in combination with saline water or other natural ingredient formulations, to help relieve symptoms for upper airway conditions such as coughs, colds, allergies, respiratory problems, dry nose and throat and other irritations.

Key Benefits

- Delivers a continuous, gentle mist with fine particles (particle size about 15µm) optimized for targeted upper airway deposition
- Moisturizes, soothes and refreshes the upper airway, reducing irritation
- Mist can be delivered via the mouth or mouth/nasal passage thanks to PureHale®'s mouthpiece and mask options



PureHale® delivers a continuous, fine mist



PureHale® is a portable, intuitive and ready-to-use system

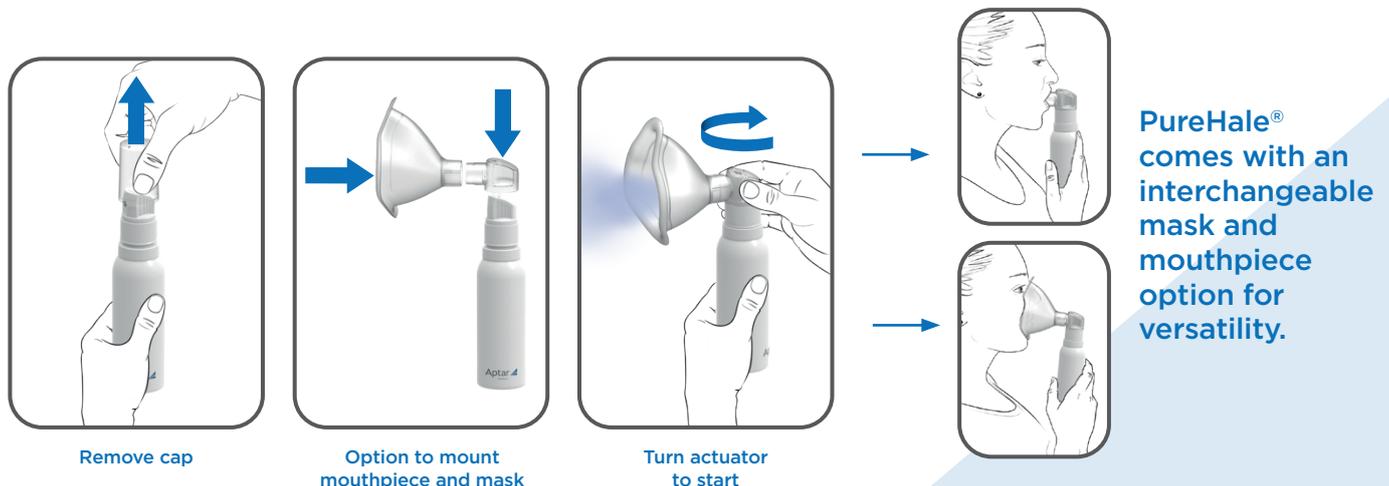
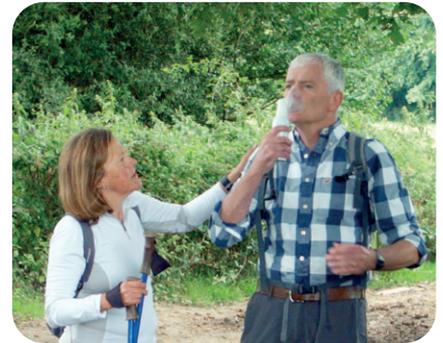
The Industry's First, Ready-to-Use, Nebulizer-like System That's Portable

An alternative to traditional nebulizers, PureHale® is prefilled and ready-to-use for on-the-go therapy wherever and whenever needed.

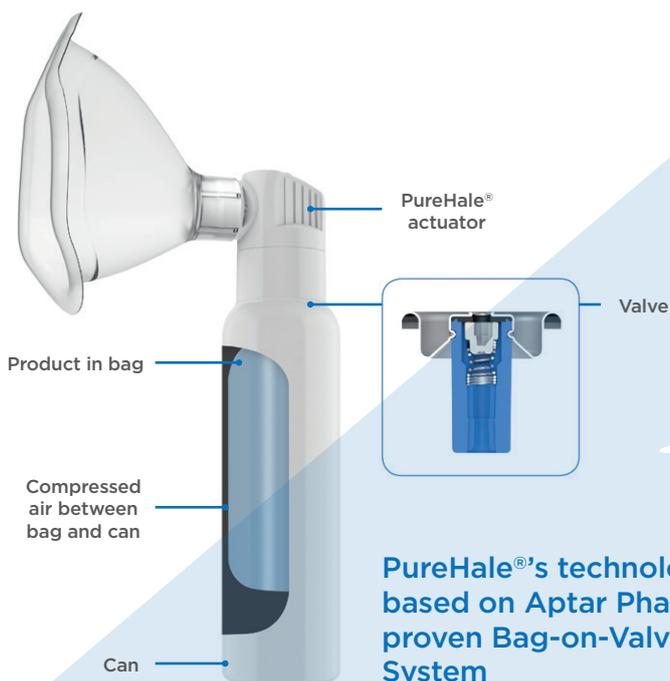
PureHale® utilizes Aptar Pharma's well-established Bag-on-Valve (BOV) technology which uses compressed air as energy, making any electronic source unnecessary.

Key Benefits

- Prefilled, portable and ready-to-use system
- Intuitive and easy-to-use
- Non-electronic, purely mechanical system for on-the-go therapy
- Face mask and mouthpiece options for convenient usage and adaptability



PureHale® comes with an interchangeable mask and mouthpiece option for versatility.



PureHale®'s technology is based on Aptar Pharma's proven Bag-on-Valve System

How PureHale® works:

By turning the actuator, the valve opens and the pressure between can and bag presses the formulation out of the bag, providing a continuous fine mist.

PureHale®'s Modular Technology Platform Enables a Diverse and Highly Efficient Product Portfolio

The PureHale® technology platform provides a variety of options for customizable product solutions, such as a range of container sizes and an interchangeable mask and mouthpiece solution.

Key Benefits

- PureHale®'s configuration options allow for a diverse, unique product portfolio
- Broadens brand visibility via line extensions, expanded offerings and distribution beyond existing sales channels

Mask:

- Color options
- Reusable
- Easy to clean
- Dishwasher safe
- CE marking optional



Mouthpiece:

- Color options
- Reusable
- Easy to clean
- Dishwasher safe
- CE marking optional



- Utilizes well-established Bag-on-Valve filling processes
- With minimal parameter changes, already existing lines can be easily adapted for PureHale® filling.



For more information, please visit www.aptar.com/pharma

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