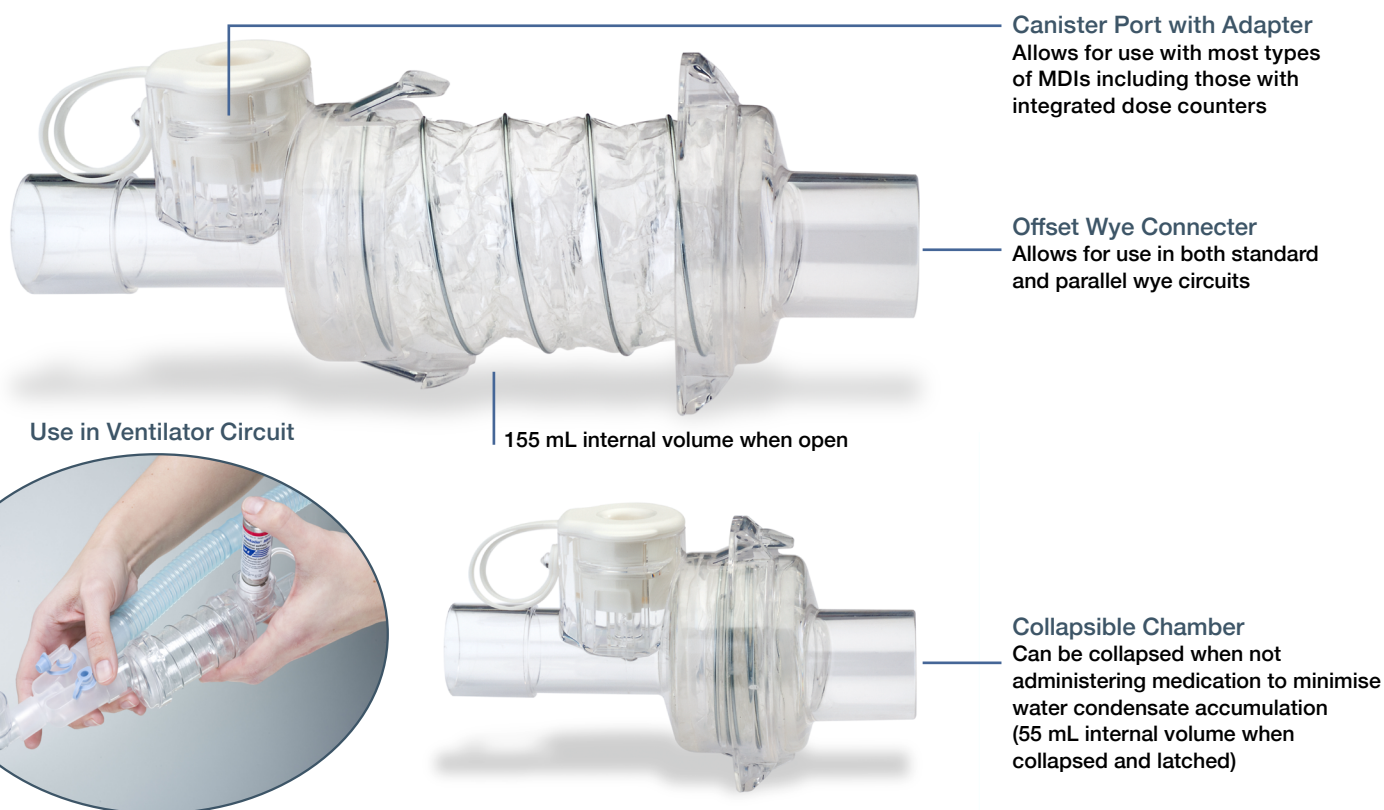


# AeroChamber® VENT Holding Chamber

**AeroChamber® VENT** Holding Chamber is designed for delivery of metered dose inhaler (MDI) medications to mechanically ventilated patients. It is placed in the inspiratory limb of a ventilator circuit without any additional flow.

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

- Clinically validated for use in ventilator circuits<sup>1</sup>
- Collapsible unit is designed to be left in the circuit
- Maintains positive end expiratory pressure (PEEP) when installed in the ventilator circuit
- Simple to connect, open and close with less disruption to the patient



When an MDI is utilised during invasive ventilation, it is recommended to be used with a spacer with a volume > 150 mL and placed in the inspiratory limb before the wye.<sup>2</sup>

| Part Number | Case Quantity |
|-------------|---------------|
| 851001      | 50            |

SINGLE-PATIENT – MULTIPLE USE | Replace with the ventilator circuit. Do not clean or disinfect.

PACKAGING: Flow-wrapped with instructions for use.

Not made or manufactured with bisphenol A (BPA), phthalates, latex or lead.



**AeroChamber®**  
VENT HOLDING CHAMBER

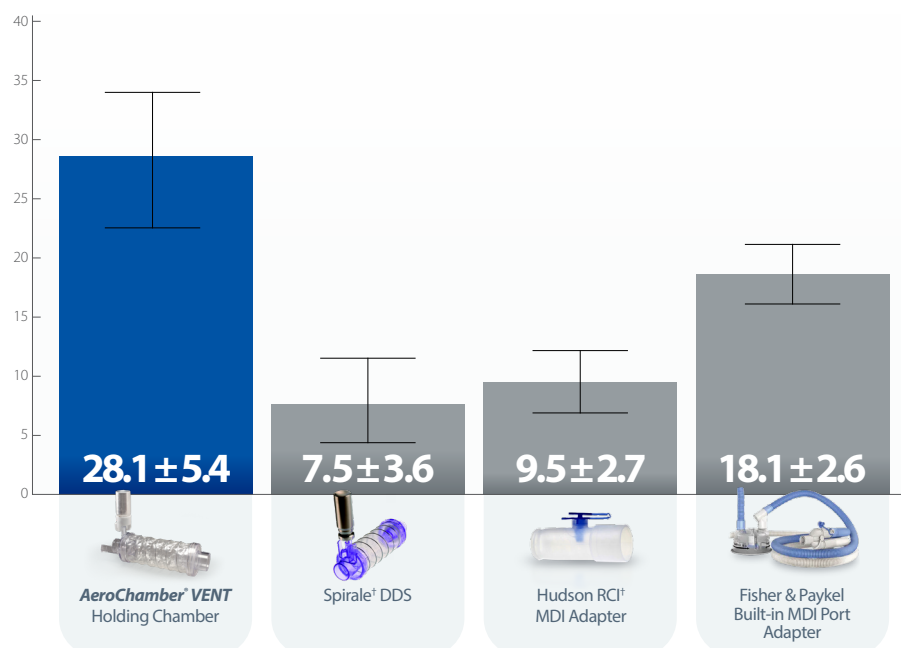
# AeroChamber® VENT Holding Chamber

## Significantly More Medication with a Heated Humidifier<sup>3</sup>

**AeroChamber® VENT** Holding Chamber delivered more drug during simulated adult mechanical ventilation using a traditional heated humidifier compared with other in-line MDI delivery devices.

An adult breathing circuit was humidified (37°C, 100% relative humidity); 5 actuations of a salbutamol metered dose inhaler; tidal volume = 500 mL; respiratory rate = 13 breaths per minute; inspiration:expiration ratio = 1:2; *n* = 5 devices/group. (The chambers and the MDI adaptor were placed in the inspiratory limb.)

Total Mass of Salbutamol/Actuation  
(mean ± SD) (µg)

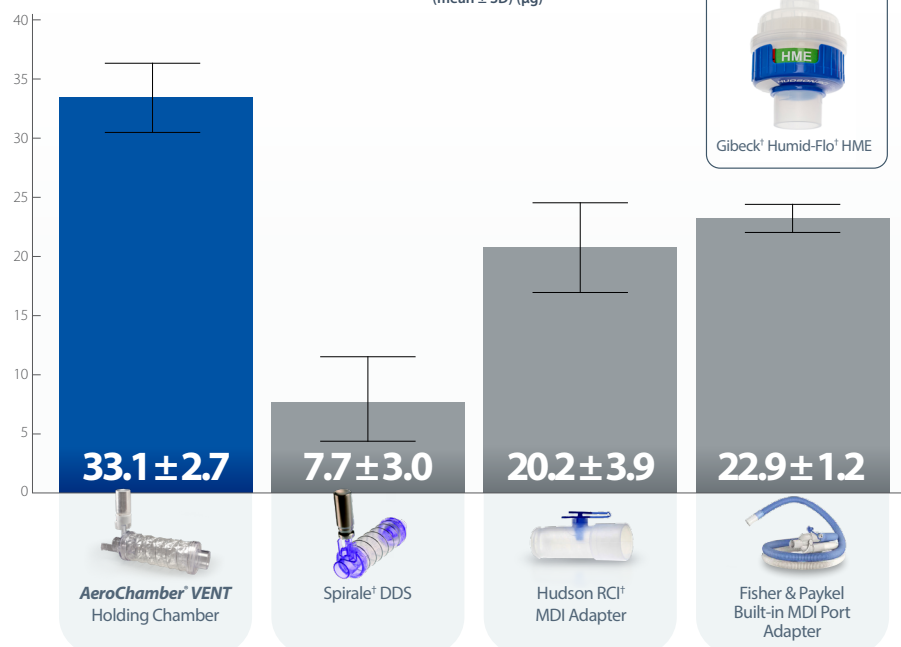


## Largest Dose with an HME<sup>4</sup>

**AeroChamber® VENT** Holding Chamber delivered more drug using a heat and moisture exchanger (HME) designed for aerosol delivery.

An adult breathing circuit was humidified with an HME; 5 actuations of a salbutamol metered dose inhaler; tidal volume = 500 mL; respiratory rate = 13 breaths per minute; inspiration:expiration ratio = 1:2; *n* = 5 devices/group. (The chambers and the MDI adaptor were placed in the inspiratory limb.)

Total Mass of Salbutamol/Actuation  
(mean ± SD) (µg)



By maximizing the amount of each puff reaching the lungs the patient is likely to get relief sooner and reduce the number of puffs needed<sup>4</sup>

 Designed and Developed in Canada  
Manufactured in USA with USA and imported parts.



1. Duarte AG, et al. *Respiratory Care* 2000;45(7):817-823. 2. Li J, et al. *Annals of Intensive Care* 2023;13(63):1-25.  
3. Nagel M, et al. *Thorax* 2023;78:A128-A129. 4. Nagel M, et al. *European Respiratory Journal* 2024;64(68):PA2613.

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