



The Monaghan Advantage

- ❖ Proprietary anti-static polymer ensures consistent and optimum metered dose inhaler medication delivery.
- ❖ Patient focused features such as instructions printed on the chamber to promote ongoing patient compliance.
- ❖ Easy actuation with minimal inspiratory effort.
- ❖ Validated for safety.
- ❖ Efficient, cost effective, pMDI medication delivery.
- ❖ Made in U.S.A. with U.S. and Canadian parts

METERED DOSE INHALER (MDI) UTILIZATION WITH AEROCHAMBER® FAMILY OF ANTI-STATIC VALVED HOLDING CHAMBERS (aVHC)

MDI utilization protocols are a way to deliver pressurized metered dose inhaler (pMDI) medication via a chamber or spacer and provide a significant cost savings to the hospital. Some hospitals have reported a potential 55 percent savings in pMDI purchase costs.^{1,2} These utilization protocols are an excellent way to “maintain workflow and productivity ... and decrease the likelihood of missed orders.” They can also be implemented successfully with automated dispensing systems.³ In one study, MDI utilization protocols did not increase infection rates when proper hand hygiene techniques were followed.⁴

THE FACTS

MDI Utilization Protocols have helped facilities reduce pMDI cost up to 55 percent^{1,4}, decrease likelihood of missed treatments³, and produce no cross contamination of pMDIs¹.

COST SAVING
DELIVERY OF
pMDI INHALER
MEDICATION



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- FLOW-VU® Inspiratory Indicator provides visual assurance of correct use and medication delivery.
- Valve system minimizes re-breathing and directs exhaled flow away from the patient's face.
- Anti-Static Chamber helps maximize aerosol suspension time across delay-time points, maximizing aerosol medication delivery to uncoordinated patients.

REFERENCES

1. The Common Canister Protocol Using the Monaghan AEROCHAMBER® Valved Holding Chamber (VHC) Reveals No Cross-Contamination and Potential Cost Savings. Steven G. Sheils, RTS, Jennifer L. Duncan, RTS, William V. Wojciechowski, MS, RRT. *Respiratory Care*, August 2000, V45, No 8.
2. Common Canister Protocol vs. Individually Supplied MDIs at a 537 Bed Regional Center – a Pharmacoeconomic Analysis. K. Ehlers, S. Albritton, S. Stogner. *Respiratory Care*, November 2004, V49, No 11, p 1393.
3. Transition to PYXIS Medication Distribution Away from Department Stock When Utilizing a Therapist-Driven Protocol. Tim Frymyer, BS, RRT, David Mussetter, BA, RRT, Michael Trevino, MS RRT, Gary Weinstein, MD, FCCP. *Respiratory Care*, November 2006, Vol 51, No 11.
4. Common Canister Process for Delivering Aerosol Medications: The Final Steps to Assure Patient Safety. H. David Mantz, BA, RRT-NPS, Linda Radke, BS, Pharm.D., Jeanine Gunn, RN. *Respiratory Care* November 2009, V54, No.11, p. 1526.

USE PROTOCOL

- Prior to any patient contact, wash hands thoroughly.
- Verify proper medication and perform the proper pre-aerosol patient assessment.
- Shake pMDI.
- Insert pMDI actuator* into universal adapter (back piece of the AEROCHAMBER PLUS® FLOW-VU® aVHC).
- Actuate the pMDI at the onset of inspiration.
- Repeat as prescribed.
- Perform post-aerosol assessment.

- Remove the pMDI from the universal adapter.
- Wipe the pMDI actuator boot with a disinfectant.
- Store pMDI in a clean environment for transporting from patient to patient.
- Store AEROCHAMBER PLUS® FLOW-VU® aVHC in a clean environment at patient's bedside.
- Wash hands.

* The manufacturer's pMDI actuator boot and canister should remain together.

NOTE: Refer to manufacturer's product inserts for complete instructions.



ORDERING INFORMATION

PART #	NAME/DESCRIPTION	UNITS PER CASE
79810	AEROCHAMBER PLUS® FLOW-VU® anti-static Valved Holding Chamber (aVHC) with Mouthpiece	cs/10
79850	AEROCHAMBER PLUS® FLOW-VU® anti-static Valved Holding Chamber (aVHC) with Mouthpiece	cs/50
88810	AEROCHAMBER PLUS® FLOW-VU® aVHC w/Small COMFORTSEAL® Mask	cs/10
78810	AEROCHAMBER PLUS® FLOW-VU® aVHC w/Medium COMFORTSEAL® Mask	cs/10
88910	AEROCHAMBER PLUS® FLOW-VU® aVHC w/Intermediate COMFORTSEAL® Mask	cs/10
80810	AEROCHAMBER PLUS® FLOW-VU® aVHC w/Large COMFORTSEAL® Mask	cs/10

Contact your Monaghan Sales Territory Manager for more information or a demonstration.

