



OPERATIONS MANUAL



(888) 594-8448

AEROSOLAWAY.COM

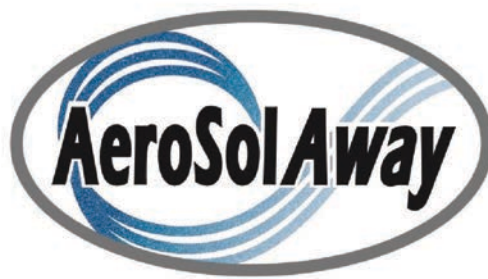
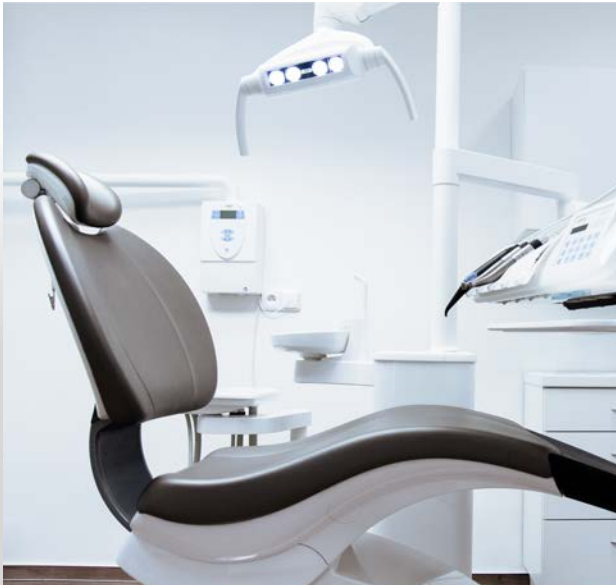


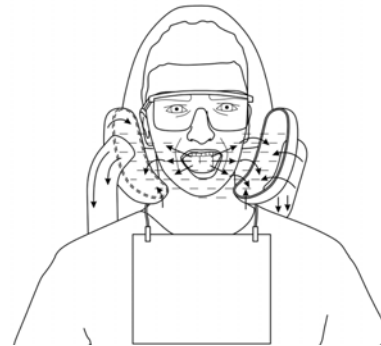
TABLE OF CONTENTS

WELCOME

What is AeroSol Away	1
How AeroSol Away Works	2
Main Features	3
Specifications	4

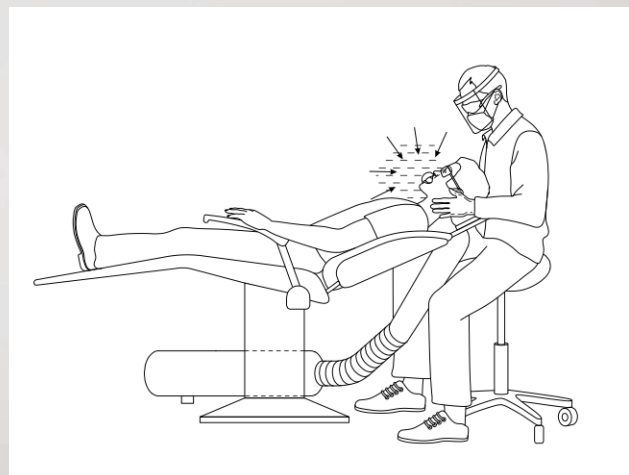


Parts List	5
Dimensions	6
Setup	7-8



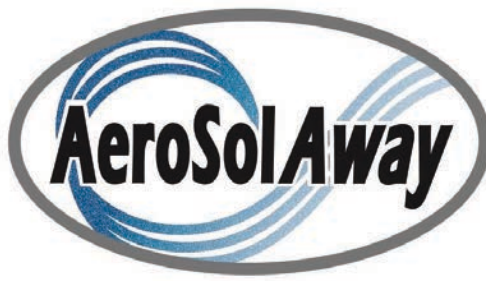
MAINTENANCE

Customize Your AeroSol Away	9
Replacing the HEPA Filter	10
Troubleshooting	11
Warnings & Precautions	12
Warranty Terms & Conditions	13



(888) 594-8448

AEROSOLAWAY.COM



ABOUT>

WHAT IS AEROSOL AWAY?

AeroSol Away is a uniquely designed high powered vacuum filtration system with True HEPA filtration that eliminates 99.95% of bacteria and viruses to 0.3 um with a built in pre-filter and Activated Carbon for odors. The vacuum motor creates an airflow speed at over 3,110 ft/minute! During the development stage of **AeroSol Away**, I felt it was important to not only reduce aerosols, but to also develop a unit quiet enough to hear staff and patients while in use. Therefore, we added a 4-stage muffler system. The quiet operation allows **AeroSol Away** to significantly reduce aerosols near the source and filter the air before being reintroduced back into the treatment room.

Doctors, assistants, and hygienists will appreciate having the extra safeguard of protection that **AeroSol Away** provides! **AeroSol Away** is specifically designed to equip each dental chair in an office. Our unique motor assembly allows **AeroSol Away** to discreetly tuck away chair side, keeping work spaces unobstructed and the patient's personal space fully available.



DAVID H. ROHOLT, DDS

INVENTOR OF AEROSOL AWAY

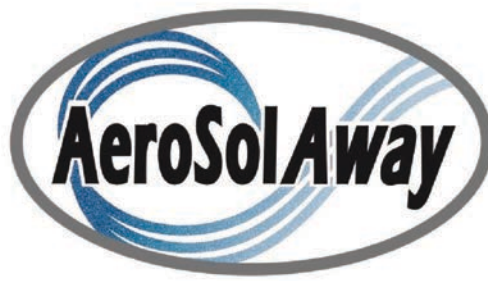
Thank you for purchasing **AeroSol Away!** With proper care and use, your new unit can help protect you and your staff from potentially infectious aerosols created during dental treatment for many years to come!

OUR MISSION:

Providing a safeguard of trust for all dental offices and their patients by effectively reducing the virus and bacteria transmitting aerosols created during treatment.

CONT. >

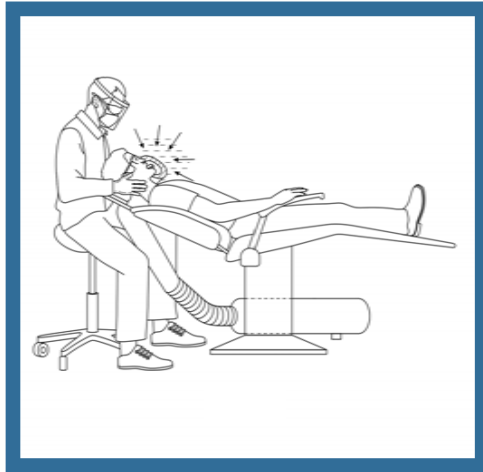
AeroSol Away can be turned on and off with the simple press of a button on the remote control fob for any aerosol generating procedures being performed: General dentistry, oral surgery (e.g., when sectioning a tooth), and everyday hygiene procedures, especially when ultrasonics are in use. The white noise of **AeroSol Away** successfully cancels out the sounds of typical dental instruments, accommodating patient comfort. The vacuum tubes house our custom made Evacu-Caps and are designed for personalized setup to meet each patient's individual needs. Simply place the custom Evacu-Caps and adjust for your patient's face and size, then begin treatment. The smooth surfaces on **AeroSol Away** are easy to disinfect using any hospital-grade disinfectants.



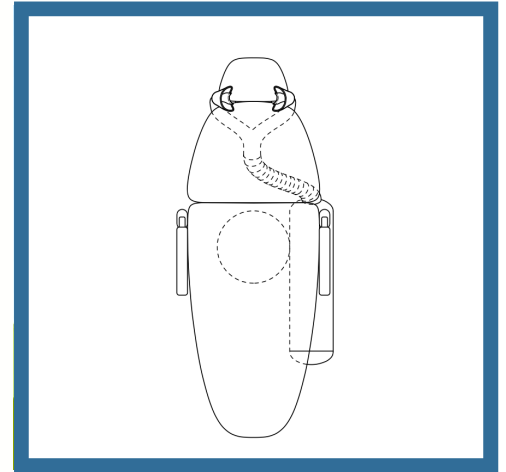
How **AeroSol Away** Works



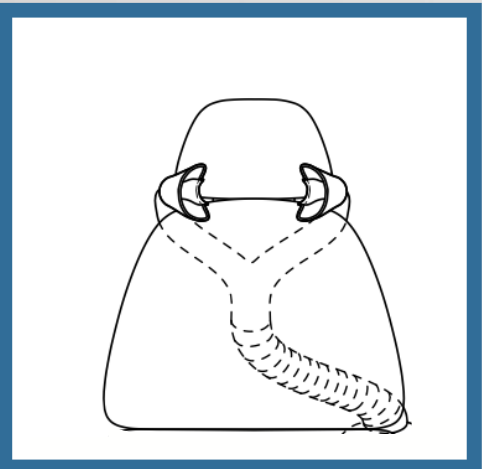
Aerosols from patient treatment can be dangerous carriers of viruses and bacteria.



*Using a high-speed vacuum motor, **AeroSol Away** significantly reduces harmful aerosols created during patient treatment.*



***AeroSol Away** discreetly tucks under the dental chair, keeping your workspace open.*



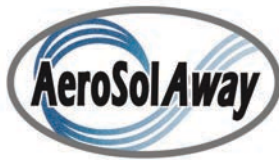
Custom designed Evacu-Caps create a negative pressure system that eliminates most aerosols, small droplets, and splatter created during dental treatment.



Custom designed Evacu-Caps create a negative pressure system when adjusted 1/2"-1" from the patient's face, and placed 1/2 way between the ear and the mouth.

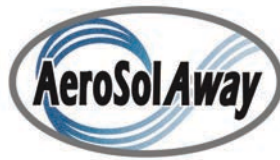


*Install **AeroSol Away** directly to your dental chair and it is ready to plug and play!*



Main Features of **AeroSol Away**

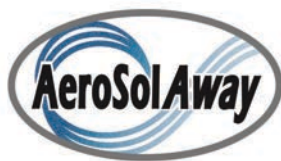
- *Safeguard your staff & office by satisfying CDA requirements to eliminate, reduce or contain aerosols!
- *AeroSol Away is a stand-alone aerosol reduction system that will save you tens of thousands on a new HVAC system and can be easily installed in MINUTES!
- *Maintain use of full workspace accessibility for doctors, assistants, and hygienists with our patented adjustable chair side custom-contoured nozzles.
- *Versatile mounting system & sleek unit design allows for simple and quick attachment to any dental chair.
- *Patient's personal space is maintained, allowing them to sit up without any claustrophobic overhead restrictions.
- *Will NOT reduce standard office HVE suction & will NOT interfere with any other devices.
- *Simply plug into any 110V outlet. Specially designed to plug into most office's standard chair outlets beneath the footrest.
- *Custom designed dual contoured Evacu-Cap vacuum nozzles effectively reduce aerosols, small droplets & splatter created during treatment.
- *Creates a zone of negative pressure around the patient's mouth keeping aerosols away from DHCP (doctors and health care professionals).
- *Easily remove and clean contoured vacuum nozzles between patients using standard office disinfectants.
- *Convenient one-touch remote controls AeroSol Away from anywhere in the room or activate your ASA with the toggle switch that will illuminate once turned on.
- *75 dB of sound volume creates a soothing white noise many patients prefer over the sound of standard dental instruments.
- *Thru-Flow vacuum motor generates over 3110 ft./min. Airflow (104 CFM)
- *Vacuum motor: UL recognized, category PRGY2 (E47185)-CSA Certified, class 1611 01(LR31393)
- *True HEPA Filtration reduces bacteria and viruses by 99.95% (0.3um). Filters are easily replaced by DHCP wearing proper PPE.
- *AeroSol Away weighs just 20 lbs.
- *So affordable that each operatory can have its own AeroSol Away.
- *Designed by a dentist for dentists.
- *Proudly invented, designed, and assembled in the USA.



Specifications

AeroSol Away Specifications	
HEPA Filter	99.985% to .3 um True HEPA
Vacuum Motor	Thru-Flow Motor
UL Recognized	CSA Certified Category PRGY2 (E47185) CSA Certified Class 161101 (LR31393) Grounded
Thermal Reset	UL Category XEWR2 (E27701)
Thermal Protection	Automatic
Amps	6.7
Watts	789
Total Airflow	3110 ft./min. (104 CFM)
Individual Nozzle Airflow	1555 ft./min (each nozzle)
UL Certified Plug-In	Standard AC 120V 50HZ/60HZ
Operating Temperature	110°-125° F
Toggle Switch	Illuminated when on
Sound Pressure	75 dB
Unit Weight	20 lbs.
Exterior Dimensions	27" L x 8.5" W x 9" H
FDA Classification	Class 1 Sec. 872.6640
Testing Facilities	UCSF and University of South Carolina
Certification	ISO9001 in progress
UL Certification	In Progress
Patent	Pending
*All technical specifications are subject to change without notification	





Parts List

*Please unpack all parts upon receiving AeroSolAway. The unit has been disassembled for shipping.

■ AeroSolAway Main Unit



■ True HEPA filter **Already installed and ready for use*



■ 2.5" x 36" Flex Tube w/Screw Ends



■ 4 Way WYE



■ (2) Adjustable Arms



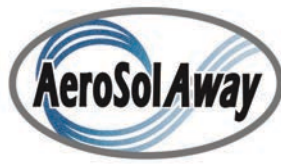
■ (2) Custom Molded Evacu-Caps **One Left, One Right*



■ Chair Mounting Hardware Included

■ Wireless Plug w/Remote (Optional)





Dimensions

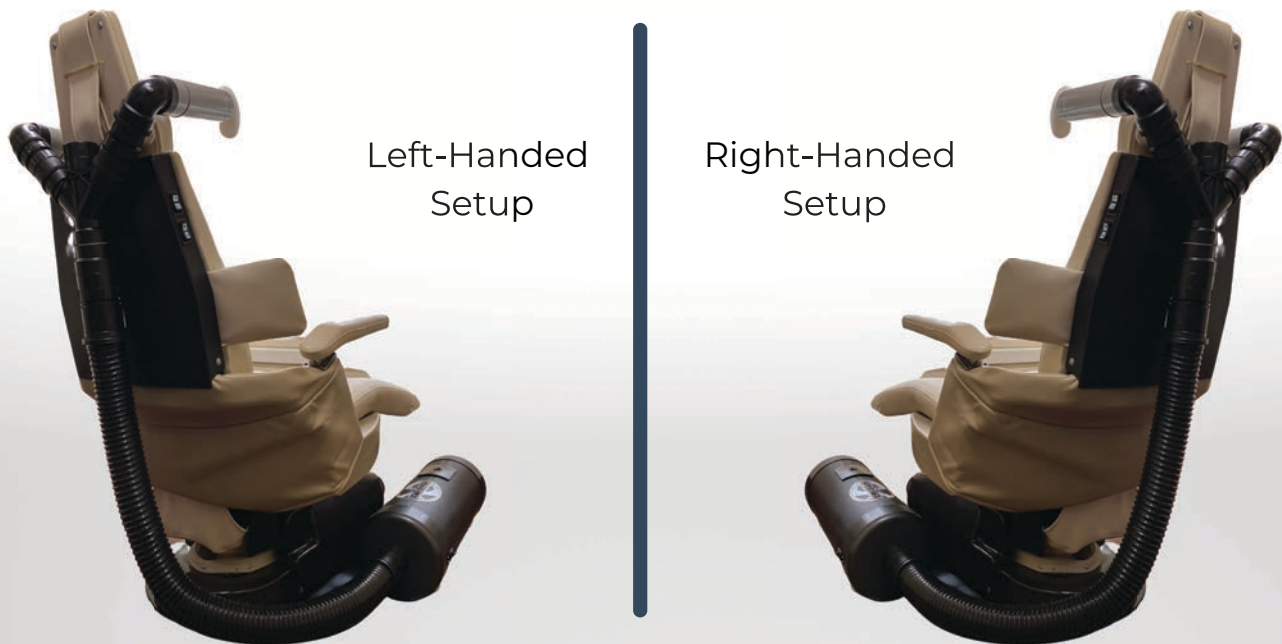




Setup

**AeroSol Away is designed to easily be converted from right-handed operation to left-handed operation by rotating the fitting in the filter cap and turning the fitting 180 degrees. The Wye junction that mounts on the chair back needs to have the 90 degree tubes rotated so the unit has the flex tube angling down and to the left and curving to the right with the AeroSol Away motor unit placed on the right side of the dental chair.*

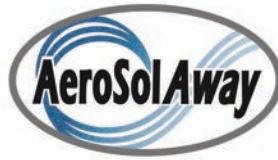
1. Place the AeroSol Away motor unit on the left side of the dental chair for Right-Handed Doctors*. The end with the 90 degree screw fitting should be located at the head of the chair. The end with the open hole is at the foot of the chair.



2. Screw the flex tube into the 90 degree coupling on the main unit and the opposite end into the 4 way Wye. The tube should come from the base of the Wye and curve to the right (when viewed from the back of the chair) and make a large curve to attach to the motor housing.

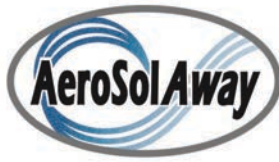
3. Use the enclosed ball bungee cord to wrap around the headrest and the top portion of the Wye.

4. Use 2 ball bungee cords to wrap around the arm rests to secure the bottom of the Wye.



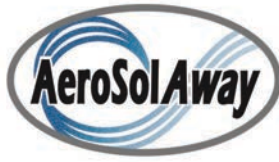
Setup

5. The flex tube is designed to allow the chair to be raised, twisted and lowered back without causing stress or strain on the motor housing.
6. Place the two 90 degree tubes into the Wye so the opening is next to the headrest.
7. Place two sets of 45 degree angled tubes into the 90 degree tube. This allows adjustments for patient who have narrow or large faces. An additional extension is included and can be added for patients who require pillows to raise their heads.
8. Install the battery according the instructions in the wireless remote. Press the button to ensure it lights up BEFORE pairing to the plug.
9. Plug in the 6" extension and when the light is blinking, press the wireless fob. This pairs the wireless fob to the extension.
10. Plug the AeroSol Away into the extension. If the switch is in the on position, it may immediately begin running. Simply press the fob to turn off. If the motor assembly is in the off position, turn it on, then press the fob to run the vacuum.
11. Disinfect the Evacu-Caps (using industry standard cleaners) before and after each use. Gently press the Evacu-Caps into the two vacuum tubes on either side of the head rest.



Customize Your **AeroSol Away**

- The custom designed Evacu-Caps should be adjusted to be within 1/2-1" from a patient's face and will ergonomically follow the contour of the jawline. The bottom of the Evacu-Caps should be positioned evenly with the chin. Ideally, they will rest ½ way between the ear and the mouth. This allows the dentist, assistant and hygienist to work easily without obstruction, does not contribute to anxiety for patient's with claustrophobia, and does not impede on patient's personal space.
- Additional extensions allow the Evacu-Caps to be raised higher for patients who require extra pillows behind their head. The two 45's adjustable nozzles allow the Evacu-Caps to be easily adjusted from SM.-XL.
- Most dental offices wrap the headrest and chair back with clear baggies for ease of disinfecting the chair between patients. Simply make a small hole for each vacuum tube after covering the chair. If aerosols will not be generated, e.g., during an examination, remove the two 45's and leave the clear bag alone. If plans change, simply insert the two 45's, fit the Evacu-Caps and you are ready for treatment!
- To clean the Evacu-Caps, simply remove from the vacuum tubes (wearing PPE) and either wipe with disinfectant wipes or spray and wipe, just like other surfaces that become contaminated during treatment. The two 45's also need to be wiped down with disinfectant wipes after every patient.
- Some offices prefer to keep the two 45's in a cabinet until ready to use. This makes AeroSol Away almost invisible to patients. Simply make sure there is no plastic wrap over the vacuum tubes before starting AeroSol Away, insert the two 45's, fit the Evacu-Caps, and your ready!
- AeroSol Away is wrapped with a durable exterior vinyl that is easily cleaned with standard office disinfectants.

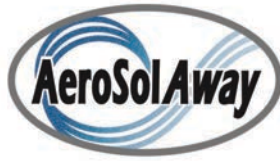


Replacing the HEPA Filter

- The HEPA filter is designed to last for over 4,000 hours of continuous use. Dental offices typically use **AeroSol Away** for only 2-3 hours each day. That would be several YEARS between changes, but we recommend changing the filter every 6 months (depending on use).



- Wear appropriate PPE before removing the filter. Unlatch the two clasps on the end cap of **AeroSol Away**. Remove the cap to expose the filter. Using gloved hands, grasp the filter and gently pull out. Place the used filter into a plastic bag for disposal. We recommend spraying the filter to disinfect before disposal. Seal and dispose of properly.
- To place a new filter into the housing, unwrap the new filter (you may use the plastic to dispose of the old filter). Insert the filter (open end first) and gently wiggle to fully seat and seal the base to the vacuum tube. The 3 springs in the cap will ensure that the filter is centered and completely sealed. Fit and close the latches. Wipe off the exterior of the filter cap housing and done!



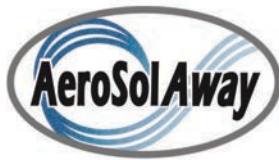
Troubleshooting

Simple things to check if your AeroSol Away does not start:

- Check the battery in the remote.
- Check to see if the plastic covering (use light handle plastic over the remote) is keeping the button from activating the remote
- Check the plug to ensure it is fully seated (both in the outlet and the plug extension/remote control).
- Check the office fuse box. **AeroSol Away** uses approximately 1500 watts, similar to that of a personal hair dryer. If multiple units are on the same fuse switch, they may cause the fuse to trip.
- Double check the on/off switch.
- Unplug your unit's remote control extension and plug the unit directly into the outlet.

If all else fails, Call, we are here to help!

AeroSol Away, LLC
635 Mikkelsen Dr. Auburn, CA 95603
(888) 594-8448
Email: Aerosolawayhelp@gmail.com
Aerosolaway@gmail.com



Warnings and Precautions

**Misuse of AeroSol Away will void warranty*

- **AeroSol Away** is designed to be used every day in dental offices whenever aerosols are generated during dental treatment. It should NOT be used as a vacuum cleaner. Although the dual vacuum motors generate a very strong suction, NEVER use the hose or vacuum nozzles to suction wet or dirty floors. There is NO vacuum bag to replace. The filter itself is the collector for the aerosols removed during dental treatment only. Moisture from dental treatment is quickly dried on the HEPA filter, therefor posing no risk to the vacuum motors.
- **AeroSol Away** is NOT an INTRA ORAL SUCTION DEVICE! Never connect the HVE suction tubing to **AeroSol Away** or allow patients spit into the vacuum tubes.
- The motor in AeroSol Away are self-cooling, but also have thermal coupling, so if run excessively, unit will automatically shut off until cool. Allow sufficient time for the motors to cool before attempting to restart.
- AeroSol Away is very durable. However, overuse, electrical surges, faulty office wiring or excessive moisture can result in damage to the unit. If you smell smoke or hear unusual noise from the motors, unplug the unit immediately. Contact our help line (888) 594-8448 or aerosolawayhelp@gmail.com for assistance.

AeroSol Away, LLC
635 Mikkelsen Dr. Auburn, CA 95603
(888) 594-8448
Email: Aerosolawayhelp@gmail.com
Aerosolaway@gmail.com



Warranty Terms & Conditions

PLEASE KEEP THE SHIPPING BOX

There will be an additional charge if we need to send you a shipping box for warranty services

- All units and equipment sold by **AeroSol Away** to you are warranted to be free from defects in material for a period of 1 year from the date of purchase
- **AeroSol Away** will review any defective parts and units that fall under the warranty period and replace or repair them at our own discretion. This warranty is limited to replacement parts ONLY, which will be determined by our manufacturing team after a thorough evaluation of defective parts.
- **AeroSol Away** will not be held accountable for any personal liability or property loss that takes place from using, installing, or associated to **AeroSol Away** in addition to **AeroSol Away's** parts or components.
- We may charge you the costs incurred for repairs including parts and labor.
- No user serviceable internal components (except HEPA filter). Any disassembly or modifications will void the warranty.
- Use of **AeroSol Away** is entirely at the user's discretion and user's of **AeroSol Away** waive and renounce any and all claims against **AeroSol Away** for the following in relation to **AeroSol Away**: any claim relating to loss of profits and business, any interruptions in business, damages of any sort incurred in any way relating to **AeroSol Away**.
- Shipments are the sole responsibility of the buyer and must be inspected by the buyer upon arrival. Damaged shipments must be refused at the time they are received.
- Orders placed are the sole responsibility of the buyer. Reimbursement to **AeroSol Away** for any costs, expenses, or charges we have to incur for the buyer's refusal of order, cancelled sales, or refusing to honor the sales order are the sole financial responsibility of the buyer.

AeroSol Away, LLC
635 Mikkelsen Dr. Auburn, CA 95603
(888) 594-8448
Email: Aerosolawayhelp@gmail.com
Aerosolaway.com

July 22, 2020

To Whom It May Concern:

This letter is to confirm the commitment of Aero-Sol-Away to implement an ISO 9001:2015 compliant Quality Management System (QMS) and to seek formal registration under the ISO 9001:2015 Quality Management System Standard.

The company engaged in a consulting agreement with Core Business Solutions, Inc., of Lewisburg, Pennsylvania, to provide assistance with implementing an ISO 9001 QMS. It is expected that the registration will be completed by January 2021.

Best regards,



Scott Dawson, President
Core Business Solutions, Inc.