

**dental air force**<sup>®</sup>  
the home dental cleaning system

**IMPORTANT: READ ENTIRE MANUAL BEFORE USING APPLIANCE.**

**Owner's Operating Manual  
Model No. 002015**

Manufactured by

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**United States and foreign patents and trademarks apply.**

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Congratulations!

You have purchased the first and only home dental technology of its kind. **Dental Air Force®** replaces tooth brushing, oral irrigators and can be used to whiten your teeth.

We want you to get the most out of your investment, so please read this manual. If you have any questions call or email our **Customer Assistant** at the phone number or email on the manual cover.

**Dental Air Force®** is dedicated to protecting your teeth and oral health. Regular visits to your dentist along with daily home dental care are critical to a healthy life. Thank you for selecting **Dental Air Force®** to assist in your life of good health.

The biggest compliment you can give us is to refer this appliance to your friends and family.

Sincerely,  
*p., piero d.d.s.*  
ceo, Air Force Inc.

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# IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING

**DANGER** – To reduce the risk of electrocution:

1. Always unplug the appliance immediately after using.
2. Never place the main housing and the electrical cord in the sink, tub or shower. Only the silicone hand piece with the attached silicone cleaner bottle and coiled tubing may become wet in the sink or shower.
3. Insure that the main housing is secure. Put the housing on a secure, strong, flat surface. Do not place or store housing where it can slip, fall, vibrate or be pulled into a tub or sink.
4. Do not place housing in or drop into water or other liquid. Never place the housing and the electrical cord near water where it can fall, slip, or be pulled in contact with the water - even by accident.
5. Do not reach for the appliance if it has fallen into water. Unplug immediately.
6. Connect the appliance to a properly grounded outlet only. In the USA, use only 120 volt, 10 amp, 60 Hz, GFI type, UL approved.

**WARNING** – To reduce the risk of burns, electrocution, fire, or injury:

1. Keep the electrical cord and hoses away from heated surfaces produced by hair curlers, hair dryers, space heaters, etc.
2. The appliance should never be left unattended when plugged in.
3. Adult supervision is required for children when the appliance is used for children, used by children, or placed around children. Be very careful to keep this appliance out of the reach of very young children.
4. Close supervision is necessary when this product is used by, on, or near invalids.
6. Use this appliance only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer. Use this appliance only as described in this manual. Any modifications to this appliance void the warranty and put you at risk.
7. Never operate this appliance if it has a damaged cord or plug, if it is not working properly, has missing or worn parts, if it has been dropped or damaged, or dropped into water. Call our Customer Assistant at the phone number on the manual cover for return and examination of product.
8. Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.
9. Never use while sleeping or drowsy.
10. Never drop or insert any object into any opening or hose.
11. Do not use outdoors or where oxygen is being administered.

# IMPORTANT SAFEGUARDS

## MEDICAL WARNINGS

1. Always consult your dentist first in the uses of all dental products.
2. The **Dental Air Force®** hand piece is part of the safety system. For your safety, use only this specifically designed hand piece.
3. Do not use this appliance and its cleaner if on a salt restrictive diet until you consult with your doctor or dentist.
4. Consult your dentist if you have had mouth or gum surgery in the previous twelve months; if your physician or dentist has advised you to receive antibiotic premedication before dental procedures; or if you have heart problems (defective, damaged or prosthetic heart valves).
5. Never spray eyes, ears, nose, or body parts other than in the mouth.
6. Never spray down the throat.
7. You may experience some bleeding from the gums at first, but if this continues or there is any other adverse reaction, stop use and contact your dentist immediately.
8. Use this appliance for dental cleaning and for no other purpose.

## SAVE THESE INSTRUCTIONS

### SAFETY DEFINITIONS



DANGER = the nature of the risk may result in death.



WARNING = the nature of the risk may result in injury.

### SAFETY CERTIFICATION OF THE SYSTEM

The system was developed by an experienced dentist, P., Piero D.D.S., reviewed by independent dentists, underwent university clinical studies, complies with UL (for 110V model), CSA (for 110V model), CE (for 220V model) standards and is approved by the FDA for marketing.

### AS SHIPPED

The box contains the main housing, coiled tubing, silicone tip, silicone bottle, and printed information (including this manual).

### SAVE THE BOX

Save the box and packing materials until you are sure everything works and there is no shipping damage. If you need to return damaged goods, the warranty requires goods be returned in the carton with the packing material.

## PLACEMENT OF THE SYSTEM



**DANGER**

**To prevent electrocution:**

**Never place the housing and the electrical cord where they can slip, fall, or be pulled down into the water - even by accident.**

**Never place the housing and the electrical cord in the sink, tub or shower.**

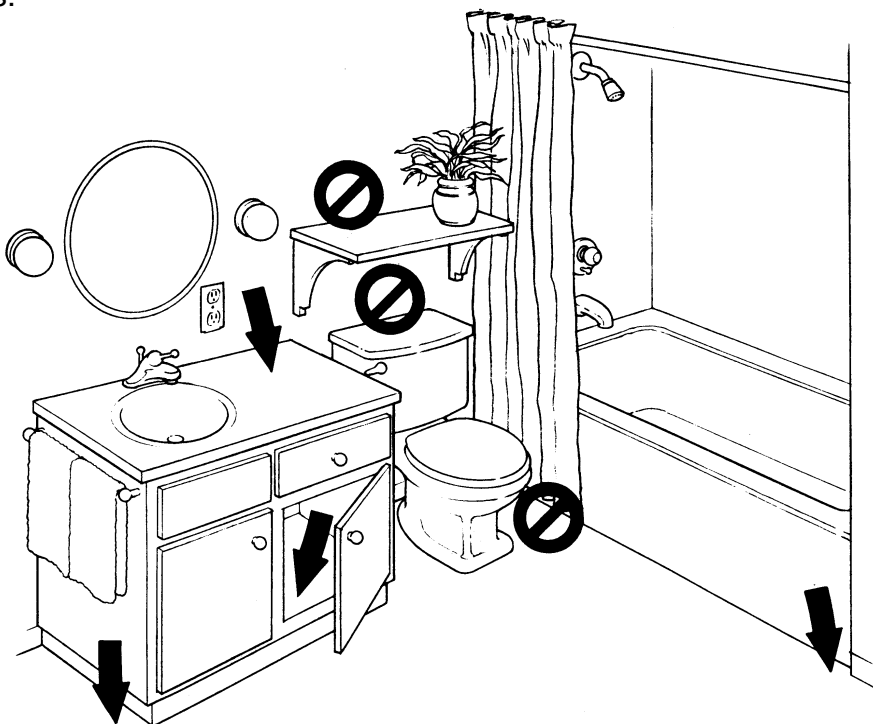
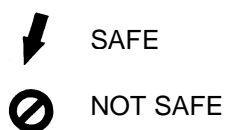
**Do not place the electrical cord or hoses near any extreme heat that is produced by hair curlers, hair dryers, space heaters, etc.**

**Keep the electrical cord and hoses safely stored - do not let a child pull, play, or accidentally become tangled with the cord or hoses.**

**Be sure the electrical cord is completely dry before you plug it in.**

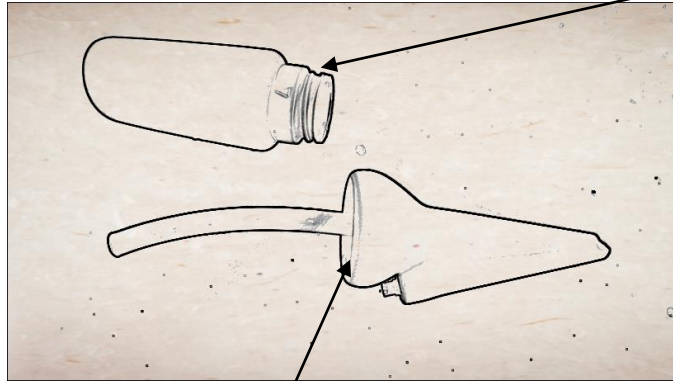
- Put the main housing on a secure, strong, flat surface.
- Put the main housing where the hand piece easily reaches the sink or shower.
- Insure that the housing will not slip, be pulled, or vibrate off and fall.
- In the USA, plug the electrical cord into **110 Volt, 60 HZ, 10 AMP GFI type** outlet.

Suggested housing positions:

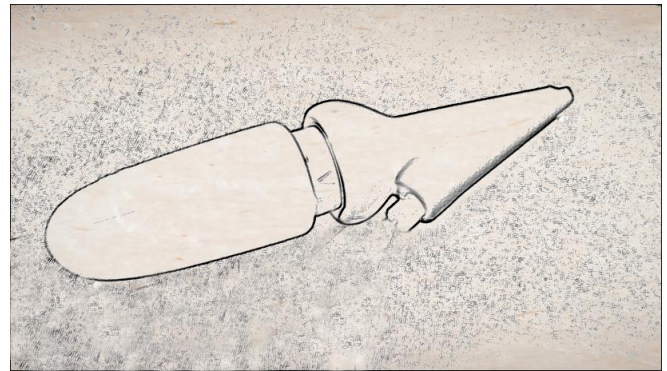
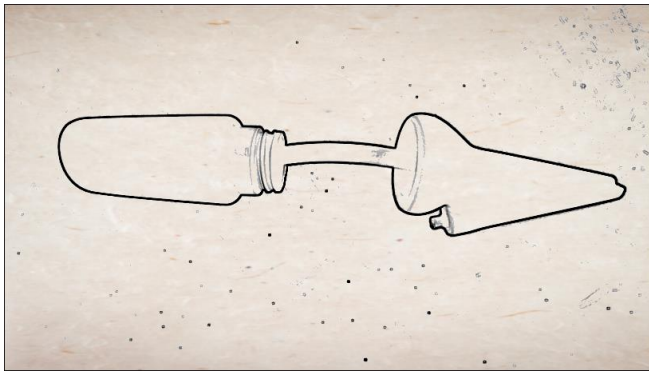


## ASSEMBLING THE HAND PIECE

- Locate the small clear silicone bottle. Note the bottle has a white threaded collar.



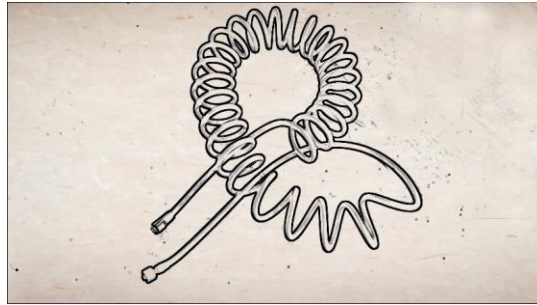
- Locate the silicone tip. Note inside the tip is a threaded cap with a short tube.
- Place the short tube end into the clear silicone bottle and screw the tip in place.



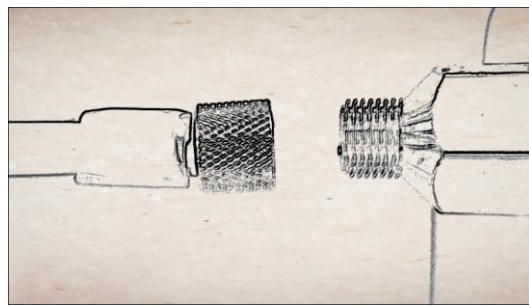
- This assembly is referred to as a “hand piece”.
- Additional hand pieces can be purchased for other family members. They will come with a colored silicone bottle (instead of clear) for ease of identification.

## ATTACHING THE COILED TUBING

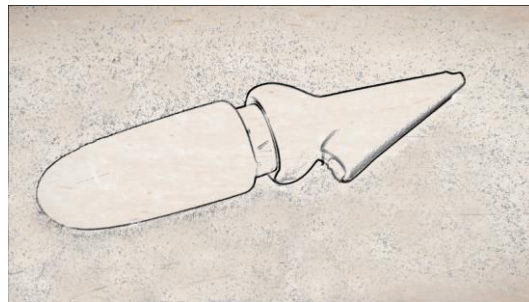
- Locate the coiled tubing. Note one end has a metal fitting and the other end has a plastic quick disconnect fitting.



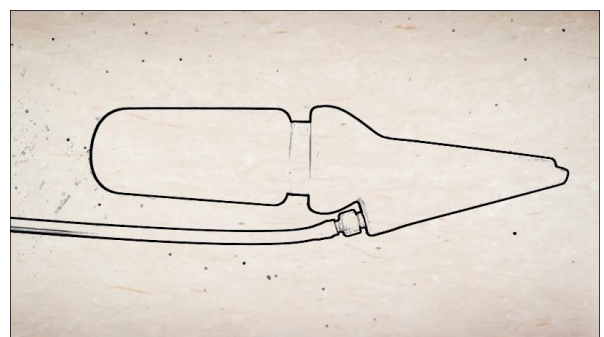
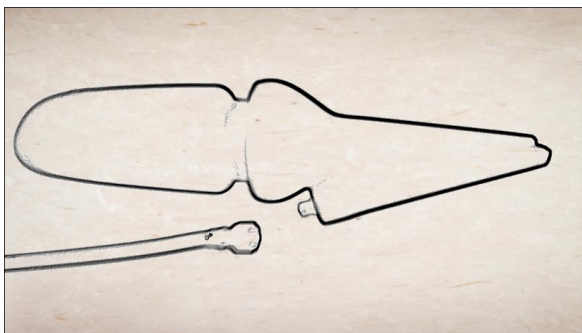
- Screw the metal fitting on the coiled tubing into the metal fitting on the main housing.



- Locate the hand piece assembly (silicone tip + silicone bottle).



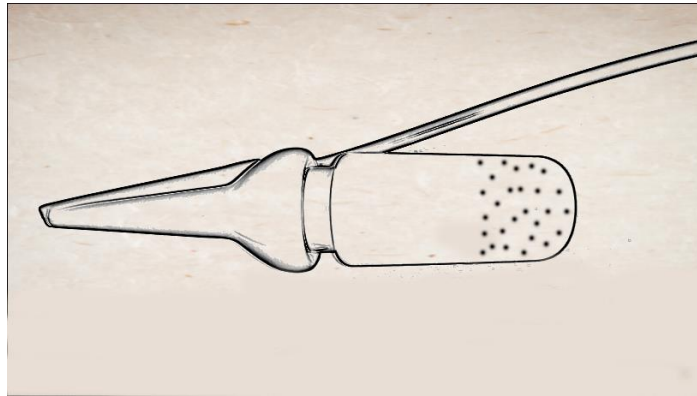
- Twist the other end of the coiled tubing (with the plastic quick disconnect) onto the plastic fitting in the silicone tip.



- Insure each of the fittings is snug.

## FILLING THE SILICONE BOTTLE WITH CLEANER

- Unscrew the silicone bottle from the tip.
- Pour dental cleaner from the large plastic cleaner bottle into the silicone bottle.
- Fill  $\frac{1}{4}$  -  $\frac{1}{3}$  with dental cleaner and the rest with water.
  - Chlorine dioxide or hydrogen peroxide can be used instead of water and will give a better cleaning while also bleaching teeth.
  - A slightly more aggressive cleaning can be obtained by using a little less water in the bottle. However, enough water &/or chlorine dioxide or hydrogen peroxide must be used to completely wet the slurry.



- Screw the tip back into the silicone bottle.
- Shake the hand piece to mix the dental cleaner and water into a slurry. (The dental cleaner will not dissolve.)
- Squeezing the soft bottle will deploy the cleaner slurry.
- You will be able to get several 2 minute cleanings starting with the bottle  $\frac{1}{3}$  full of cleaner and the rest liquid. This will allow you to pick up and use the system without refilling. However, there is a tendency when using hydrogen peroxide or chlorine dioxide for some of the slurry to “bubble up” and escape through the straw when left overnight.



## TURNING THE SYSTEM ON AND OFF

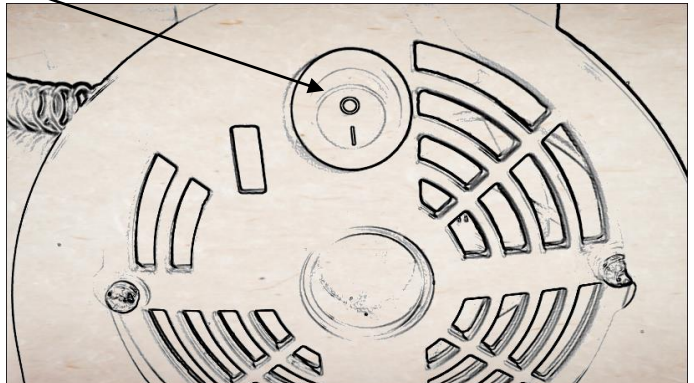
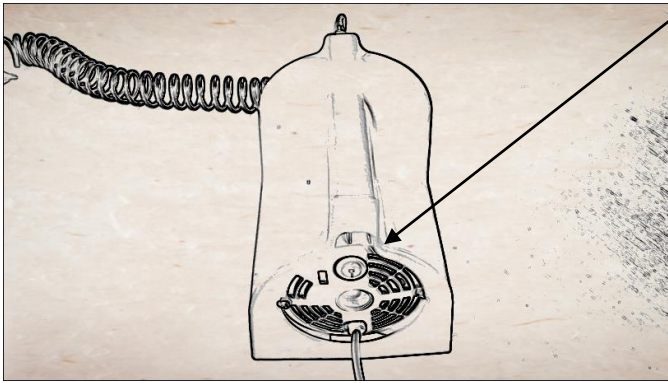


**DANGER**

**To prevent electrocution:**

**Be sure the electrical cord is completely dry before you plug it in.**

- The power button is located on the back of the main housing.



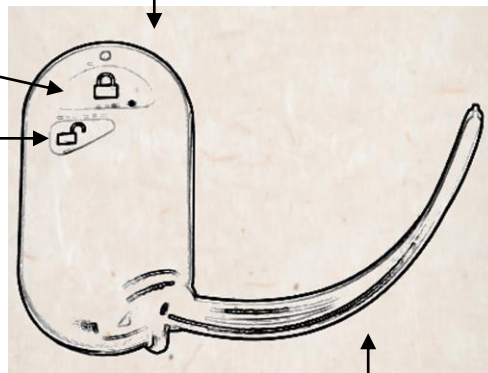
- Depress the button to turn ON. The compressor will start, but cleaner will not emit from the hand piece tip. Only when the hand piece bottle is squeezed will cleaner spray.
- Depress the button to turn the system OFF when you are finished cleaning your teeth.
- Continuous running of the compressor will damage the unit.

## OPTIONAL WIRELESS POWER SWITCH

- For your convenience, an optional wireless power switch can be purchased.
- This is very useful if you want to place the main housing under a counter OR if you want to use the hand piece in the shower. (Remember the main housing CAN NOT be placed in the shower, however, the hand piece can.)
- The switch comes with a small transformer and a wall plug receiver.

*Red large top button  
(lock) = OFF*

*Green small bottom button  
(unlock) = ON*



*Silicone loop for easy hanging.*



- To operate, turn the main housing ON (and keep in the ON position); then use the wireless switch to turn OFF and ON.

## CLEANING ALL SURFACES OF THE TEETH



### WARNING

#### To prevent injury:

**Never spray eyes, ears, nose, or any body parts other than in the mouth.  
Never spray down the throat.**

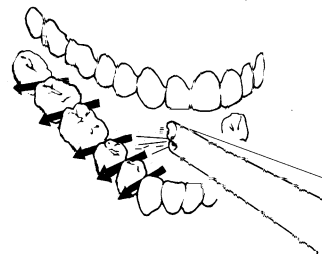
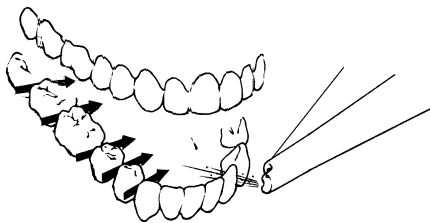
- Hold head over sink. Place tip in mouth. Keep mouth slightly open to allow the cleaner slurry to run out of your mouth and into the sink.
- Turn the system ON by depressing the button in the back of the main housing.
- **Gently squeeze the silicone bottle of the hand piece to emit cleaner.**  
Cleaner will emit along with air each time the bottle is squeezed.  
A light squeeze will emit a small amount of cleaner.  
A harder squeeze will emit a larger amount of cleaner.
- Periodically shake and squeeze the hand piece throughout the cleaning process to insure slurry is mixed and dispensed.

★ It is best to start at the back top teeth, working around like you are painting each tooth and end in the front bottom tongue-side using the slurry already in the mouth. Many bacteria-producing odors reside on the tongue. Be sure to spray the entire tongue surface also.

Each bottle contains enough cleaner for several thorough cleanings. The amount of cleaner emitted from the tip with each squeeze depends on how hard and how long the bottle is squeezed. Start by gently squeezing the silicone bottle at every few teeth intervals. Each person's touch is different. Spray teeth longer in areas where a more thorough cleaning is needed, usually behind lower front teeth, or where plaque tends to build up in your mouth.

You can continue spraying without squeezing the bottle by using the cleaner already in the mouth to get a more thorough cleaning. The air stream from the system will propel the abrasive component in between teeth and around the gums.

★ Spray teeth for at least 2 minutes (30 seconds in each quadrant); longer if a more thorough cleaning is desired. Spray at teeth, between teeth, and along the gum line. Use the tip to reach the teeth in the back of the mouth.



It is normal for a slight amount of cleaner to remain in the silicone bottle after all the liquid has been used, particularly when the hand piece is not shaken during the cleaning process.

- Turn the system OFF by depressing the button in the back of the main housing.
- Rinse hand piece under running water thoroughly after each use.  
(Spray may sputter or stop if the tip was not cleaned after last use &/or the tip is clogged.)

## ADDITIONAL USERS IN THE HOUSEHOLD

- If you have additional users in the household, they should each have their own hand piece.
- Additional hand pieces with different colored silicone bottles are available as an option.
- To replace the hand piece, twist the white plastic quick disconnect fitting on the end of the coiled hose.
- Twist the new hand piece in place for the next user.

★ Hand piece may become difficult to remove if cleaner is caked and dried on the fitting. Simply soak the hand piece in water to loosen the old cleaner.

## CLEAN UP

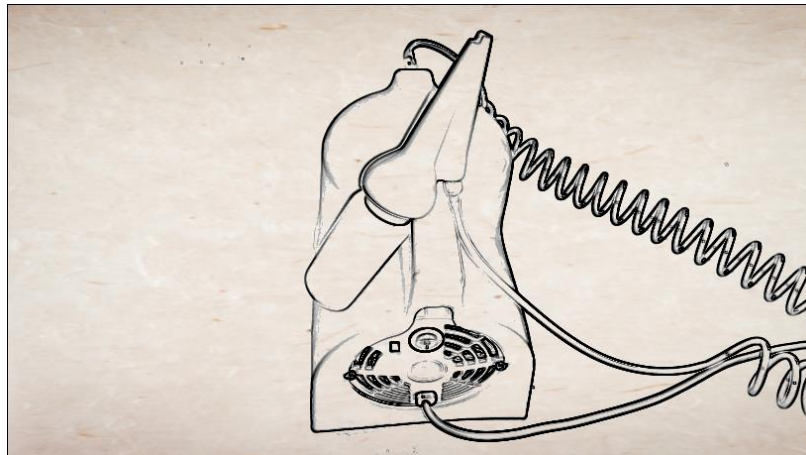


**DANGER**

**To prevent electrocution:**

**Never place the housing and the electrical cord near water where they can fall, slip, or be pulled in contact with water – even by accident.**

- With the system off, rinse the entire hand piece and hose under running water. (These parts are safe in water.)
- Shake most of the water off these parts.
- Store the hand piece by draping and wedging it over the handle of the main housing.



Rinsing the entire hand piece after each use will prevent clogging and insure top performance of the system. Picking away dried dental cleaner with a sharp tool will damage parts. Dried cleaner can be scrubbed away with water and a soft bristle brush. Routinely disinfect the tip with mild household cleaner or alcohol.

- ★ Unplug the electrical cord before cleaning the cord or the main housing.
- ★ Do not allow water to get into the housing through the air vents in the cover.

## STORAGE

- Unplug the electrical cord before storing the appliance.

### WARNING

#### **To prevent injury:**

**Insure cord has no abrasions, knots, kinks, damage to the prongs, or exposure to heat while storing.**

**Never use an electrical plug with a loose prong.**

**Never force plugs in outlets.**

**Never use this appliance with a damaged electrical plug.**

- Insure white hand piece hose is not twisted or crimped.
- Store the appliance upright and where no water can access the main housing.

## WHAT TO CHECK IF THERE IS A PROBLEM

#### **If you experience any dental problems:**

- Discontinue use and consult your dentist immediately.

#### **If you pushed the ON/OFF button on the housing and the appliance did not turn on:**

- Check the electrical plug to insure it is fully plugged in the outlet.
- Push the ON/OFF button on the housing again.
- Plug another appliance in the same outlet to insure the outlet has power.
- Check your wall GFI outlet breaker, and reset if required.

#### **If you pushed the ON/OFF button on the housing, the appliance turned on, BUT no air is emitting from the tip:**

- Ensure that the coiled hand piece hose is not twisted or crimped.
- Check the hand piece hose for any air leak.
- Insure the metal connector on the housing and the plastic quick disconnect on the hand piece are tightly screwed.
- Ensure the silicone bottle with water and cleaner is securely screwed into the tip.
- It is possible that the tip is clogged with dried cleaner. Soak and wash with soapy water and rinse with clear water.

#### **If you pushed the ON/OFF button on the housing, the appliance turned on, squeezed the silicone bottle with water and cleaner BUT no slurry is emitting from the tip:**

- Be sure the appliance was turned on by pushing the ON/Off button on the housing.
- Ensure the silicone bottle with water and cleaner is securely screwed into the tip.
- Ensure the hand piece is not being held upside down not allowing the slurry to reach the plastic tube inside the silicone bottle.
- It is possible that the tip is clogged with dried cleaner. Soak and wash with soapy water and rinse with clear water.

**The hand piece white coiled hose hisses.**

- The hand piece hose should not leak air. If the hose leaks, tighten the two connectors that are located on the housing and the hand piece.
- Check the entire length of coiled hose for any leaks caused by something puncturing it.

**If the silicone bottle on the hand piece takes too long to empty:**

- Squeeze the bottle harder or more frequently during cleaning to emit more cleaner.

**If the silicone bottle on the hand piece empties too fast:**

- Reduce the frequency and/or pressure when squeezing the silicone bottle.

If these actions do not resolve your issue, call the **Customer Assistance at 616-399-8511.**

## HOW CHILDREN USE THE SYSTEM

Children can receive the same beneficial cleaning as adults, safely.



### WARNING

**To prevent injury:**

**Adult supervision is required for children when the appliance is used for children, used by children, or placed around children.**

**Never direct the spray at eyes, ears, nose, or any other part of the body other than the mouth.**

**Keep the electrical cord and hoses safely stored. Do not let children pull, play, or accidentally become tangled with the cord or hoses.**

Each child has different dexterity and develops at a different rate. **Check with your dentist on how old your child must be before you begin to use this system.**

Children can easily be taught to correctly use the system, and the novel nature of the system along with encouragement from adults can promote good daily dental cleaning habits. With young children, an adult should direct the hand piece and aim the spray - with the child helping occasionally for practice. A child may want to remove cleaner from their mouth more often, which is fine. Older children will only require instruction and supervision from an adult, as they will be able to control the appliance for their daily cleaning.

Ensure child uses the system responsibly.

- ★ It is important that the machine is turned OFF after each use.
- ★ Continuous running of the compressor will damage the unit.

## THE GROWTH OF PLAQUE IN THE MOUTH

The mouth is a warm, dark, moist environment of a constant temperature with a steady supply of carbohydrates – truly ideal bacteria growing conditions. These bacteria form plaque – a sticky film on teeth.

This greasy film coats visible and invisible surfaces of your teeth and tongue. Concealed in the film of plaque, mainly between teeth and along the gum line, odors and acids are produced. The odors are the major source of bad breath. The teeth, bathed in the acids become decayed. The acids ooze into contact with gums and trigger a response by our own immune system, becoming the inflammation known as gingivitis. This condition can lead to bone loss, called periodontal disease.

The amount and location of bacteria in the mouth is very critical. The bad bacteria that live in between teeth and along the gum line under the sticky film actually live in the absence of air. They have a difficult time living when exposed to air.

Plaque grows VERY fast. The bacteria causing plaque reproduce exponentially every hour. This means that if you start off with a bacteria population of one (1x) (1x being the amount of bacteria in your mouth after a professional cleaning – which you can't achieve in the home), after one hour you have doubled (2x) the population of bacteria and after two hours you have 4x, then 8x, 16x, etc. In eight hours you have a plaque population of 256x, in twelve hours – 4096x, in twenty four hours – 16.8 million x. Removing 24 hours of plaque growth is a lot more difficult than 8 or 12 hours worth.

Poor cleaning in a few areas (between teeth and inaccessible with a toothbrush) will leave heavy concentrations of bad bacteria that can repopulate other areas of the oral cavity. Most conscientious people will try to overcompensate and brush harder with a toothbrush. This over abrades the area where the teeth and gums meet, exposing root surfaces, and causing sensitivity to hot, cold and sweets, while still leaving the bad bacteria between the teeth. Because each person develops an individual pattern of brushing their teeth, a toothbrush will also chronically miss areas where the anaerobic species of bacteria grow and chronically over abrade other spots.

Effective home cleaning must:

1. break through the sticky, greasy, plaque shield with an abrasive
2. remove the food particles and plaque (getting as close to 1x as possible)
3. aerate the site
4. neutralize the acid
5. and not over abrade

Controlling plaque depends on frequency and thoroughness of cleaning. The more times you clean your teeth daily, the better. The more meticulousness you clean your teeth each time you do clean them, better yet.

Check your plaque build up and concentrate on those areas while cleaning:

1. Use the Dental Air Force® system with the air only to dry your teeth.
2. Look into the mirror and allow the light to bounce off your teeth.
3. Wherever you see dull areas (between teeth and around the gums) on otherwise shiny surfaces, you have plaque beginning to build up.

## EFFECTIVE HOME DENTAL CLEANING

**Dental Air Force®** uses a precision jet of air and dental cleaner slurry to loosen and flush food and plaque from the teeth, between teeth, and around the gum line. By accessing the tiny spaces in between the teeth, **Dental Air Force®** eliminates oral irrigating.

Sodium bicarbonate is the main ingredient in the cleaner that acts as the abrasive to cut through the sticky film. It is also the most widely accepted and natural cleaning agent that promotes a neutral environment. (Remember, an acidic environment is what the bacteria like.)

The tiny spaces between the teeth and along the gum line are aerated by a constant stream of air. In doing this, you are trying to change the environment in your mouth, making it difficult for the bad bacteria to reside.

A tip assists in delivering the air and cleaner slurry to the hard to reach spaces between teeth, in the back of the mouth, and along the gums allowing effective cleaning without being overly abrasive on the well exposed cheek-side surfaces of teeth. (Clinical studies at the University of Detroit, Mercy School of Dentistry show that **Dental Air Force®** removes 62.5% more plaque between teeth than the leading power toothbrush.)

The new technology used in **Dental Air Force®**:

1. breaks through the sticky, greasy, plaque shield with an abrasive
2. removes the food particles and plaque (gets close to 1x under normal circumstances when 2 minutes of cleaning twice a day is performed.)
3. aerates the site
4. neutralizes the acid
5. does not over abrade

It is the only appliance of its kind that is FDA approved for marketing to replace tooth brushing and oral irrigators.

Because of the spray, **Dental Air Force®** provides a random cleaning, not allowing an abrasive or ineffective pattern to form as when using a toothbrush.

Getting as close to 1x as possible is the key to effective cleaning. However, it is dependant on many variables – if you grow plaque rapidly, have orthodontic appliances, many restorations, bridge work, or implants, have periodontal disease, experience frequent bad breath, are a smoker, allow more than 12 hours to lapse between cleanings, or were not very thorough in cleaning your teeth the last time. You should clean your teeth with the system twice a day, for 2-4 minutes per cleaning. You would clean your teeth longer than 2 minutes if you experience one or more of the variables or simply want an exceptionally clean mouth.

Remember, if you have not cleaned your teeth for 12 hours, you would have a plaque count of 4096x. Removing that is a lot more difficult than removing an 8 hour plaque count of 256x and would necessitate more time cleaning. If you use **Dental Air Force®** only once a day, you are attempting to remove a plaque count of 16.8 million x. Again this is much more difficult than the 8 hour count of 256x, so longer than 2 minutes would be needed.

If you use the **Dental Air Force®** system once a day, it is necessary to brush your teeth another time of day.

## FURTHER DISINFECTING & WHITENING TEETH

Hydrogen peroxide acts as a bleaching and disinfecting agent. (Use caution as it will bleach clothing as well.) The whitening effect accumulates over time and is the preferred method of bleaching teeth. The additional benefit is a continuous and routine disinfection and oxidation between teeth and tissue. The oxidation assists in changing the environment in the mouth making it unfavorable to the bacteria-causing plaque that live in the absence of oxygen.

**Dental Air Force®** whitens teeth both extrinsically and intrinsically. The extrinsic stains (coffee, tea, smoking, blueberries, etc.) are created by pigments coloring the plaque left on your teeth from improper plaque removal. The intrinsic stains are caused by aging and the absorption of extrinsic stains into the tooth over a period of time and can only be removed by bleaching. The bleaching procedure is typically costly, requiring cumbersome bleach trays and a regimented process.

The **Dental Air Force®** system can be used to remove the intrinsic stains similar to home and professional bleaching treatments by replacing the water added to the silicone bottle with hydrogen peroxide (the 3% household variety from the grocery store). This procedure does not require cumbersome bleach trays and is performed at the same time you are cleaning your teeth.

You may experience some sensitivity or tissue irritation when first using hydrogen peroxide. This will usually subside with use; however, everyone's tolerance is different. A generic water bottle can be used for the storage of water or hydrogen peroxide. Use the water bottle for conveniently diluting the hydrogen peroxide. To find out your tolerance start by using 1/3 hydrogen peroxide and 2/3 water in the water bottle. Gradually increase concentration over 2-3 week period. If excessive sensitivity or irritation persists, discontinue the hydrogen peroxide and use only pure drinking water or go back to a more dilute mix of hydrogen peroxide and water. Hydrogen peroxide does not kill yeast organisms and you should alternate with pure water intervals after one month of use.

It is now becoming popular with periodontists to recommend irrigating pockets along the gum line with a very weak solution (20:1) of water (20 parts) and sodium hypochlorite (household bleach) (1part). Check with your dentist to see if this disinfecting technique is right for you.



## RECOMMENDATIONS

Like any new technique, practice is needed to get familiar with using **Dental Air Force®**. You spent years using a toothbrush, and now you will be using a totally different technology that may feel awkward and cumbersome at first. To avoid making a mess of mirrors and surfaces, be sure to hold your head down over the sink and keep your mouth slightly open around the tip. The water and cleaner should be able to flow out of the mouth and into the sink. Or the hand piece comes with a long hose to enable you to take it into the shower with you.

Never bite the tip with your teeth to avoid injury to your teeth. Press the red button to stop the appliance and use your fingers to rotate the tip, aiming the spray in a new direction.

If gums have not received regular daily care, a small amount of bleeding can occur with the first few cleanings. Gums do not normally bleed when a twice-a-day cleaning routine is followed. If you feel the spray is too powerful for your gums, hold the tip further away from your teeth and gums. However, if there is extensive bleeding, or continuous bleeding gums, or tender gums, or a sore spot of any kind, **check with your dentist first before you spray these areas.**

Water or hydrogen peroxide can be used to wet the cleaner. The cleaner is free of sodium laurel sulfate, found in most tooth paste and known to irritate tissue and/or interfere or counter the effect of many chemicals. Consequently, professionally prescribed antimicrobials, such as chlorhexadine gluconate can be used with greater efficacy. A very dilute solution (20:1) of water (20 parts) and sodium hypochlorite (household bleach) (1 part) can be used to further disinfect. A generic water bottle can be used to store and dispense the liquid making it convenient to wet the cleaner at each use.

Dentists and hygienists use air in the patient's mouth to dry the teeth after cleaning. This helps them to observe if any calculus is left on the surface of the teeth. Calculus is plaque that has not been removed and has hardened. Within 48 hours, plaque will begin to harden and form calculus. The calculus will appear white or non-reflective usually where the gums meet the teeth. You can make a similar observation yourself after you clean your teeth with **Dental Air Force®** and the silicone bottle is empty. First, rinse your mouth with water, then dry your teeth using the air from **Dental Air Force®** and observe if there are any white or non-reflective areas. You can remove plaque with **Dental Air Force®**, but you must see a professional to remove any calculus. An important principle in maintaining a healthy mouth is to start with teeth free of calculus and remove the plaque daily from all surfaces, including between the teeth.

The hand piece may be used in the shower to clean your teeth while showering. (Remember, DO NOT place the housing in the shower.) Most people take only one shower per day, consequently, four minutes of cleaner are recommended to thoroughly remove the plaque, because those sites will only be cleaned with **Dental Air Force®** once a day. Remember that after the silicone bottle is empty, you can continue to blow the residual cleaning slurry that is in your mouth around and between teeth with just the air from the tip and the water from the shower. This additional time will increase aeration and exposure of the sites to the microbial benefits of the cleaner.

To gain the full benefits of replacing tooth brushing and oral irrigation, you must use the Dental Air Force for at least 4 minutes per day— getting as close to 1x plaque count as possible. Do not substitute the toothbrush for the **Dental Air Force®** cleaning. Using a toothbrush in addition to **Dental Air Force®** cleanings will polish the exposed surfaces of teeth and is acceptable.

Brushing and oral irrigators should be used when you are away from home and do not have access to the **Dental Air Force®** system. If you are using **Dental Air Force®** in the shower once a day, you should also brush your teeth once a day so as not to allow more than 12 hours to elapse between cleanings.

If you periodically feel that your teeth are not as clean as you would like them, increase the time used per day or add another cleaning. If you feel you want a more aggressive cleaning, use less water &/or hydrogen peroxide, but enough to wet down the cleaner and form a slightly thicker slurry.

## **GUARANTEE AND LIMITED WARRANTY**

### **30 DAY – MONEY BACK GUARANTEE**

The **Dental Air Force®** home dental cleaning appliance is guaranteed for a period of thirty (30) days from the original date of purchase for the original purchaser only. If, for any reason, you are not satisfied with your **Dental Air Force®** home dental cleaning appliance within the first thirty (30) days from the original date of purchase, return it to the place of purchase in the original packaging and box for a refund of the original purchase price less \$30 for handling fee. Dental cleaner is not returnable.

### **1 YEAR LIMITED WARRANTY**

The **Dental Air Force®** home dental cleaning appliance has a one (1) year limited warranty from the original date of purchase for the original purchaser only. The appliance is warranted for the first twelve (12) months by the manufacturer for parts and labor under a full care service agreement, provided by the manufacturer at no additional cost to the end user. This limited warranty is subject to the disclaimers, exclusions, limitations and one year limited warranty remedy described below. This limited warranty gives you specific legal rights. You may also have other rights, which may vary by state.

### **DISCLAIMERS**

There is no warranty that extends beyond those described in the limited warranty printed here. **Air Force Inc** makes no representations of any kind, expressed or implied, regarding products manufactured or distributed, of merchantability, fitness for a particular purpose, of any other matter.

**Air Force Inc** is not liable for incidental or consequential costs or losses incurred by the product purchaser or user. Agents of **Air Force Inc** have no authority to make representations of any sort beyond those contained herein. The product price is in consideration of limiting **Air Force Inc's** liability for **Dental Air Force®** home dental cleaning system manufactured or distributed.

### **EXCLUSION**

This limited warranty does not cover damage due to dropping the housing, cutting or puncturing the hoses.

### **LIMITATIONS**

This limited warranty does not cover home dental cleaning appliances that, in **Air Force Inc's** judgment, are damaged by normal wear, improper use, accidents, alterations, or improper maintenance or repairs. Some states do not allow the exclusion or limitation or consequential damages, so the above limitation or exclusion may not apply to you.

### **1 YEAR LIMITED WARRANTY REMEDY**

Your **Dental Air Force®** home dental cleaning appliance that has a material or workmanship deficiency within one (1) year of the original date of purchase will be repaired or replaced at no charge. Shipping and handling will be provided by the consumer.

The **Dental Air Force®** home dental cleaning appliance must be returned in its original packing and box to **Air Force Inc** in Holland, Michigan for evaluation before any repair or replacement is given.

Proof of purchase showing amount paid and date of purchase must also be included with the appliance when it is returned.