

ACCESSORIES

All Accessories May Be Purchased On Line At:
www.vaporlux.com

 <p>Detail Tool # 4007</p>	 <p>Long Detail / Condenser Tool #40006</p>
 <p>Triangle Brush #30015 Insert Only #30015B</p>	 <p>Large Brush 12" #30014 Insert Only #30014B</p>
 <p>Squeegee #10966</p>	 <p>Nylon Detail Brush #10860 Package of 6</p>
 <p>Stainless Detail Brush #10743 Package of 6</p>	 <p>Brass Detail Brush #10922 Package of 6</p>
 <p>Stainless 50 MM Brush #11335</p>	 <p>Nylon 50 MM Brush #11334</p>
 <p>Nylon 50 MM Brush Stiff #12429</p>	 <p>4000 UL & 5000UL Hose #60413</p>

ACCESSORIES

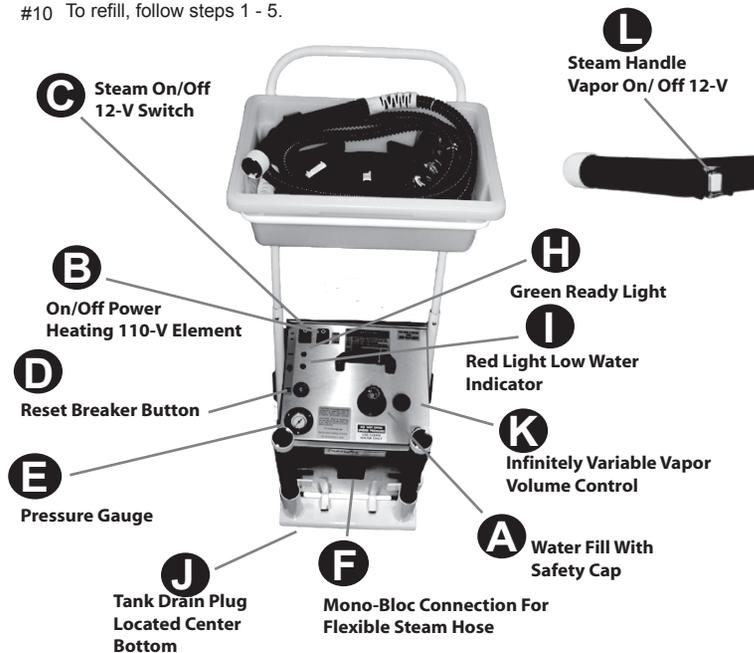
For Accessories Call:
800- 467-6229

 <p>Handle Extension #60012</p>	 <p>Elbow Connector #30016</p>
 <p>Filler Safety Cap 4000 UL #40022</p>	 <p>OSHA Filler Safety Cap All Models #40025</p>
 <p>Water Fill Bottle #10995</p>	 <p>Extension Cord 25' 15 AMP #51525</p>
 <p>Instructional CD #INMA4</p>	 <p>Accessory Bag Red or Blue</p>
 <p>Long Reach Hose 4000 UL, 5000 UL Only 16' Long #60143</p>	 <p>5.0L Steri-Vap Hose #60157</p>

VaporLux 5000 UL

Using The Accessories

- #1 Make sure **E** Pressure Gauge is on zero. Press down on cap **A** and turn counterclockwise to remove cap.
- #2 Fill unit with warm or hot clean water. **NEVER ADD ANYTHING BUT CLEAN WATER TO THE TANK**
- #3 Close **A** Safety Cap. Turn clockwise. Finger Tighten only! **DO NOT OVERTIGHTEN CAP!**
- #4 Plug electric cord into a properly grounded 110-V outlet.
- #5 Press **B** On/Off 110-V Power Switch to "on" position
Press **C** 12-V Steam Button to "on" position
Press **D** Reset breaker button located on top of machine
- #6 When **H** green light is on, machine is ready for operation. While cleaning, pressure will drop and green light will go off, this is normal operation.
- #7 When **I** red light comes on, water must be added to the unit. Turn power button off.
- #8 With **C** Steam Button on, press **L** Steam Handle Switch until all pressure is released from tank. When **E** pressure gauge shows zero pressure, remove pressure cap. **DO NOT OPEN CAP UNDER PRESSURE!**
- #9 Unplug the unit
- #10 To refill, follow steps 1 - 5.



The *Triangle Brush* can be used with or without a cloth over it. When used without a cloth over it, on hard surfaces, the surfaces will need to be wiped with a clean, dry cloth immediately after passing over the surface with the *Triangle Brush*. When cleaning a rough textured surface it is more desirable to clean without a cloth or mitt over the brush. The *Triangle Brush* can be used on fabrics without a cloth when the desired goal is to sanitize the fabric more so than clean it. To remove certain carpet stains, place a terry cloth or microfiber cloth on the stain and gently apply the Triangle brush to the stain. The stain will incrementally be driven into the cloth. Gradually, move the cloth to absorb the stain into clean areas of the cloth until the stain is gone.

Most of the time, better results will be achieved by placing a terry cloth or microfiber cloth over the *Triangle Brush*. This is done by placing the cloth on a smooth surface and neatly folding the cloth over the brush. Push down on the clips (located on top of the brush) and tuck the cloth underneath. Release the clips and the cloth will be securely fastened to the brush. When covered with an absorbent cloth, cleaning becomes a one-step process. Simply wipe the surface slowly and all dirt and debris will be driven into the cloth, hard surfaces will usually dry in less than a minute (fabrics will take slightly longer to dry) and all surfaces will be sanitized.

When using the *Triangle brush*, adjust the vapor volume to about 1/4 turn open. This can be done by turning the volume knob clockwise until it stops. Then turn the volume 1/4 turn clockwise. If the vapor volume is turned up too high the surface will become oversaturated with water and will require more time to dry.

Wide Brush:

The *Wide Brush* (12") is used to clean large areas. The *Wide Brush* is faster than a mop and certainly does a more effective job. The *Wide Brush* is generally used more for daily or weekly maintenance and sanitization rather than for restoration. There are however always some exceptions.

Installing the Elbow Connector: The *Elbow Connector* can be installed into the *Wide Brush* by the same method described in the previous section: *Triangle Brush*.

Please refer to the *Triangle Brush* section for detailed instructions.

Start Up Instructions

Before using the appliance, carry out the following operations:

- Unscrew the filler cap (I) (Fig. 4)
- Fill the boiler with clean tap water using the water bottle or funnel provided (Fig. 5)

Fill with approximately 4 quarts of water, DO NOT OVERFILL.

NOTE

To fill the boiler correctly, do not exceed the amount of water specified in the technical data.

- Screw the filler cap (I) applying some pressure and make sure it is well tightened (do not overtighten) (FIG 4)
- Plug the appliance to the electrical outlet (Fig 1)
- Press the main switch (E)
- Wait for the boiler to reach operating pressure. When the green light (A) turns on, the appliance will be ready for use (using hot water will expedite heating process)
- **When the red light turns on, it indicates that the boiler has run out of water.** If this occurs, the thermostat will automatically shut off the appliance and you will need to carry out the following procedure.
 - A)** Stop whatever job you were doing immediately.
 - b)** Release any pressure left in the boiler through the accessory you were using by pressing the button(H) on the handle (2) (Fig. 6)
 - c)** Switch off the machine by pressing the main switch (E)
 - d)** Unplug the appliance.
 - e)** Make sure the pressure gauge is on zero
 - f)** Loosen the filler cap (I) and wait for the pressure to be fully released.

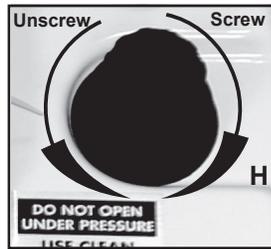


Fig. 4



Fig. 5

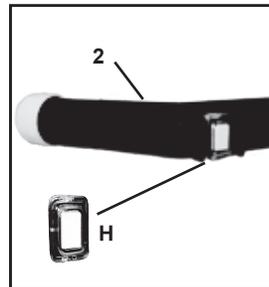


Fig. 6

Using The Accessories

Glass Cleaning: Adjust the volume to 1/4 turn or less. Start at the top of the window in one corner and pull down to the bottom of the glass. Repeat the process on successive strokes moving over with each stroke until you have reached the other side of the window or pane. Wipe the bottom of the sill or pane with a clean dry cloth. Excessive vapor volume will result in too much water on the glass surface. Simply turn the vapor volume level down.

Smooth Surface Cleaning: Adjust the vapor volume to about 1/4 turn. Start at one corner of the surface and slowly work your way across until you have gone over the surface. Wipe with a clean dry absorbent cloth when excessive water builds up or when you have completed.

Detail Tool:

The *Detail Tool*, as the name implies, is used to detail clean small areas that are difficult or impossible to clean using any other method. You will be able to clean areas that are too small to clean with a tooth brush or similar tool.

The *Detail Tool* should almost always be used with a detail brush screwed onto the end of the Detail Tool. Some exceptions to this are cleaning condensers, radiators, artificial plants and real plants when spraying with cool vapor from a distance is the preferred method of cleaning.

It is important to first determine the appropriate *Detail Brush* for the surface that you are cleaning. If you are unsure about the type of *Detail Brush* to use, always test the surface in a corner or out of the way area on the surface you want to clean.

Nylon Detail Brush:

The *Nylon Detail Brush* is used when there is a possibility of scratching or marring the surface. When in doubt about what brush to use, use this brush first. this brush can generally be used on almost all surfaces except on flat latex wall paint and non-waterproof ceiling tiles.

NOTICES

Do not place live parts in contact with water as this may cause short-circuits!
Overheated steam and hot water can cause scalding!

-Connect VaporLux to a suitable outlet. Always make sure that the outlet is equipped with earth, ground fault interrupter and is of matching voltage to that specified on the appliance data plate (**Fig 1**);

-Do not use your VaporLux if the Power Cord J is damaged;

-Have faulty cables and plugs immediately replaced by authorized service centers;

-Do not lead the Power Cord (J) over corners, sharp edges or hot objects and protect it from oil;

-Do not tug at and /or carry the VaporLux by the Power Cord;

Do not remove the plug from the outlet by tugging at the Cord (**Fig.2**) or touch the plug with wet and/or damp hands;

- Do not point the steam jet towards yourself and/ or towards other people, animals, or materials that are sensitive to high temperatures and/ or dampness. (**Fig.3**)

- Do not unscrew the boiler drain plug (I) when the appliance is operating. Before unscrewing the cap, make sure the steam pressure boiler is no longer pressurised;

Boiling water spills and/or steam may cause a scalding hazard!

-Do not touch the appliance with wet hands or feet when the appliance is plugged in;

-Do not put the VaporLux under the water tap to fill up the tank;

-Do not leave the appliance running unattended;

-When filling up the tank, do not exceed the required level and use just water without any unauthorized chemicals added to it;

-VaporLux can only be operated in its horizontal position.

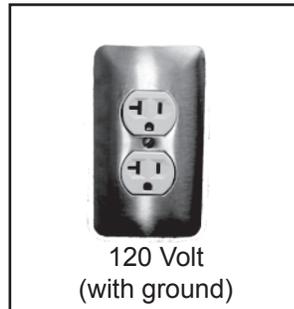


Fig. 1

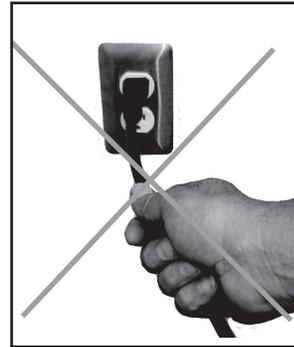


Fig. 2

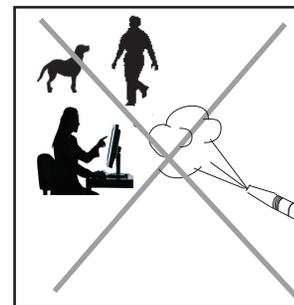


Fig. 3

Using The Accessories

Handle Extensions:

The *Handle Extensions* are used in conjunction with the other tools to make vapor cleaning a stand up operation or to enable you to reach areas that would not be possible otherwise.

To insert a tool into the *Handle Extensions*, hold the Extension with the white nut up. Rotate the white nut clockwise until it stops, insert the tool into the white end (some pressure may be required). When the tool is fully inserted, twist the white nut all the way to the left. This will lock the tool in place. Repeat this process with both *Handle Extensions*.

Condenser Tool:

The *Condenser Tool* is used to clean condensers, radiators and other items in which a brush is not appropriate. The *Condenser Tool* is merely attached to the hose, held closely to the object to be cleaned and sprayed with vapor. The *Condenser Tool* is not a standard accessory.

Water Fill Bottle:

A *Water Fill Bottle* is supplied with some VaporLux models. To use this bottle, unscrew the black top, fill the bottle with water. Insert the end of the bottle into the water fill hole (refer to your model for location) and push down. Water will flow from the bottle into the boiler.

Instructional Video:

An *Instructional Video* is supplied with your VaporLux. It is a CD and can be viewed on most computers or other appliances capable of playing a Compact Disc. Please review this CD in addition to this manual.

Extension Cord:

A heavy duty (15 amp) *Extension Cord* is supplied with your unit. The *Extension Cord* has a lighted end. After you plug the cord into a properly grounded 120-V outlet, make sure the female end of the cord is lit. If it is not lit, check your power source, the outlet is not operational. Always use the Vaporlux extension cord when the use of an extension cord is required. **FAILURE TO USE A HEAVY ENOUGH EXTENSION CORD CAN SEVERLY DAMAGE YOUR VAPORLUX AND DRAMATICALLY EFFECT ITS OPERATION. USING AN EXTENSION CORD THAT IS TOO LIGHT WILL VOID YOUR WARRANTY.**

PRECAUTIONS

Servicing

To assure product SAFETY and PERFORMANCE, maintenance (other than routine cleaning) on your VaporLux must be performed by a designated VaporLux Service Center only. Maintenance by others may void the warranty.

Precautions When Using The Machine

Under no circumstances shall VaporLux or its agents be held responsible for any injury or damage to people or property that may be caused by failure to follow the instructions below or by improper use of the equipment.

WARNING

VaporLux disclaims all responsibility for any damage that may be caused by the following:

- Improper use or uses which is not in accordance with the intended purpose of the appliance.
- Repair by parties other than authorized VaporLux service centers.
- Tampering with the supply lead
- Tampering with any machine component part.
- Use of any non-original accessories or spare parts.
- Any one of the above will render the guarantee null and void.
- Keep these instructions in a safe place. If the appliance is to be used by somebody new, make sure you attach this instruction booklet to the appliance.
- The appliance may be subject to changes in construction and design as a result of technological advances.

CAUTION

- Do not allow children to play with your VaporLux. KEEP OUT OF REACH OF CHILDREN AS THIS MAY RESULT IN SERIOUS INJURY!
- VaporLux is only for use by adults whose psycho-physical state is not altered in any way
- Do not leave appliance running unattended.
- Do not run VaporLux outdoors; When water is in the boiler, do not expose VaporLux to temperatures less than 32 degrees F.
- Do not place VaporLux on warm or hot surfaces or close to open flames or it will get damaged.
- Do not make any technical alterations to the appliance.
- Do not use appliance in ways which are prohibited, as this may cause risks.

OPERATING TIPS

We have provided the following operating tips so that you can maximize the effectiveness of your new VaporLux equipment.

Start Up and Shut Down

1. Always fill the boiler with the water bottle or use a pitcher and funnel, never place the unit directly under the tap when filling, water can migrate into the machine and cause an electrical short circuit.
2. Do not overtighten the filler cap. The cap should only be finger tightened until it is snug. If the cap is overtightened, the next time you use your machine, vapor will leak from the cap. Should this happen, there is an O ring attached to the handle of your machine. These O rings are made of high temperature material and regular O rings will not work.
3. You can use hot water to fill the boiler, hot water will decrease the heating time required to come up to operating temperature.
4. Wipe the top of the waterfill orifice on the machine after filling, you will then be able to tell if the filler cap is sealed correctly.
5. Check the voltage of your power source before plugging in the machine. Not enough voltage will cause stress on the internal components and possibly cause equipment failure. Too much power is equally dangerous to your machine. A surge protector can be placed between the outlet supply and the extension cord to protect against spikes and surges.
6. When you plug in the VaporLux extension cord, make sure the lighted end of the cord is lit. If it is not, check your power source.
7. Do not pull the machine by the cord.
8. Always make sure the on/off switches are in the off position before plugging in the machine.
9. Never turn off the machine by unplugging it, always turn off the switches first.
10. You can heat the machine ahead of time so that when you need to clean, the machine is ready for operation.
11. When you are done cleaning, turn off and unplug the machine, do not leave it on overnight or for extended periods.
12. If you are not going to use the machine for an extended period, drain the boiler.
13. Never pull the machine or cart by the hose.
14. Before refilling the machine, make sure there is no pressure in the boiler before you remove the filler cap. Pressure in the tank can be released by pressing the vapor button on the hose handle.

TECHNICAL DATA

The information listed below applies to the following models only.

VaporLux 4000 UL
VaporLux 5000 UL
VaporLux 5.0 L Steri-Vap
VaporLux 5.0 L Sani-Vap

Supply Voltage	120V 60 HZ
Boiler Power	1550 Watts
Total Power	
4000 UL	1550 Watts
5000 UL	1550 Watts
5.0 L Steri-Vap	1700 Watts
5.0 L Sani-Vap	1700 Watts
Boiler Capacity	5 liters (1.32 gal)
Steam Safety Valve opening at	100 PSI
Maximum operating pressure	80 PSI
Steam control Valve	0 to 80 PSI
Appliance Weight Empty	
4000 UL	19 lbs
5000 UL	25 lbs
5.0 L Steri-Vap	27 lbs
5.0 L Sani-Vap	27 lbs
Chemical Reservoir Capacity	5 liters (1.32 gal)
5.0 L Only	

OPERATING TIPS

Tile & Grout: Work in small sections. Clean the grout lines first. Throw a rag on the floor and wipe the grout line before the dirt or debris has a chance to settle back into the surface pores. After cleaning the grout, clean the surface tiles using either the triangle brush or the 12" wide brush, depending on the size of the section you are cleaning. Clip a terry cloth or microfiber cloth over the brush. Always clean corners and hard to reach areas first, then work toward the center. If your VaporLux does not clean a grout surface, there is a sealer on the surface. Apply a high quality sealer stripper to the area, let it set for several minutes, then resume normal cleaning as described above.

Fabric & Carpet Stains: Several techniques can be employed for this operation. On small stains, use the nylon detail brush directly on the stain, then wipe vigorously with a clean dry cloth. Another method is to place a clean dry cloth over the stain and gently go over the area with the detail tool and nylon brush, this will lift the stain onto the cloth. For auto interiors and carpet, use the triangle brush with a cloth covering clipped to it. Do not clean the headliner on your auto, the glue can melt on certain cars and the headliner will drop.

Hardwood Floors: Use the 12" wide brush wrapped with a double layer of terry cloth or single microfiber. Turn the volume down. Do not use the detail brush on hardwood. For other wood surfaces, use the triangle brush with a cloth covering and turn the volume low. Do not use the detail tool on wood surfaces.

Sanitize Bedding and Fabrics: Use the triangle brush or wide brush without a cloth covering. Go over the entire surface slowly and let air dry.

Metal surfaces: Use the detail tool with the appropriate brush first to clean corners and hard to reach areas. Next, use the triangle brush or wide brush covered with a clean dry absorbent cloth. Use only the nylon brush on enamel covered metals.

Waxed Surfaces: Do not use your VaporLux on waxed surfaces unless you intend to strip the wax off the surface.

Other Surfaces: Your VaporLux can be used safely on most surfaces. use the triangle brush or wide brush covered with a clean dry cloth.

INTRODUCTION

Congratulations on the purchase of your VaporLux Dry Vapor Cleaning System. Your system was built exclusively for commercial use and meets all commercial Underwriters Laboratory safety requirements. Your machine employs the most effective cleaning technology and does so in a most environmentally friendly way.

In order to maximize the performance and the longevity of your VaporLux Equipment, read this manual entirely before use.

Vapor cleaning is a unique way of cleaning. Understanding how vapor cleaning works will enable you to clean more effectively. The dry vapor, in the form of gas, penetrates into the surface pores and violently expands, forcing dirt and debris to the surface where the particulate is either suspended in re-condensed water molecules or driven into an absorbent cloth. The dry vapor is super heated and is hot enough to kill bacteria and sanitize all surfaces. Vapor cleaning does not rely on pressure in order to clean efficiently. Once the vapor is emitted from the tool head, physics take over and the vapor works on its own. Therefore, only enough vapor is required to fill the pores under the tool head and it is not necessary nor desirable to operate the equipment at full volume. More effective cleaning results are achieved by turning the volume down and let the vapor and heat do the cleaning. If the equipment is operated at too high of a volume, the unit will not maintain pressure for extended periods of time, it will use too much water and oversaturate the surface that you are cleaning.

Customer service is very important to us at VaporLux. We are constantly trying to improve our products and services. We have a complete line of accessories and full parts inventory on hand at all times. We also provide complete service and technical support.

If you still have questions about your equipment after reading this manual, please call us at (586)-775-2429.

CONTACT INFORMATION

VaporLux Incorporated
15701 Martin Road
Roseville, Michigan 48066

Toll Free: (800) 467-6229
Phone: (586) 775-2429
Fax: (586) 778-1218

www.vaporlux.com
email: contact@vaporlux.com

Note: Accessories can be purchased directly from our website. Parts can be ordered by telephone only.