SONICLEAN® Varro®

Owners Manual



www.sonicleanusa.com/varro

Get Ready to Change the Way You Clean!

Thank you for purchasing the Soniclean Varro Professional-Grade Steamer (Model #: VSS-1000). This premium Italian appliance allows you to clean, sanitize and deodorize virtually every surface in your home or business. Please carefully read this manual to understand how to safely and properly use this powerful and versatile appliance.

To watch demonstration videos, scan the QR code below with your smartphone camera or visit our webpage: **www.sonicleanusa.com/varro**



Register your Warranty Online

www.sonicleanusa.com/register

*The serial number can be found on the safety sticker located on the bottom of the machine



For product support, please visit:

www.sonicleanusa.com/support

NOTE: Keep the original packaging. Claims for warranty repairs will only be accepted in the original packaging.

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The Name Behind Your Steamer

This appliance is a result of over 25 years of expertise in dry steam technology and our fascination with the origins of sanitization. In 1864, a French scientist named Louis Pasteur invented "pasteurization", a method of sanitizing objects and surfaces using high heat; a process that is commonly used today in a variety of industries and applications. Although Pasteur is considered to be the father of modern microbiology, the origins of microbiology actually trace back to ancient Rome.

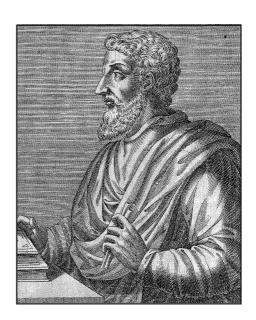
In 37 BCE, one of Ancient Rome's greatest scholars named Marcus Terentius Varro predicted that:

"...there are bred certain minute creatures which cannot be seen by the eyes, but which float in the air and enter the body through the mouth and nose and cause serious diseases..."

Nearly 2000 years ago, Varro not only predicted the existence of microscopic organisms, but he also predicted that certain microorganisms may be pathogenic and cause diseases. He teaches his readers that cleanliness is the best way to avoid these disease-causing microorganisms. Almost 2000 years later, we can now achieve proper sanitization with dry steam technology and Varro's theory was not only correct, but is more relevant today than ever before.

Every Soniclean Varro steamer is built, assembled and tested by skilled technicians in our factory in Northern Italy. With proper use and regular maintenance, your Soniclean Varro will allow you to achieve excellent cleaning results for many years to come.

On the following page, you will learn about dry steam technology.



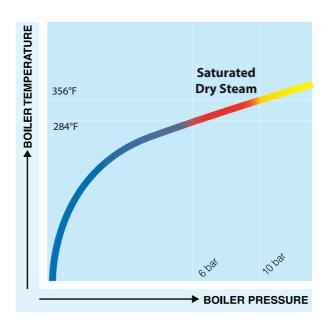
What is "Dry Steam"

Most residential steamers use boilers that are designed for low pressure operation. While effective in some applications, low pressure steam leaves behind a considerable amount of hot water residue during cleaning and requires long contact times for disinfecting surfaces and objects.

Dry steam, also known as "saturated steam", is produced when water is heated and pressurized beyond its normal boiling point of 212°F. The higher the temperature/pressure of the steam, the less water the steam will contain by mass. For example, if steam contains 10% water by mass, then the steam has a dryness fraction of 0.9 or 90%.

For steam to be considered "dry steam", the steam cannot contain more than 5% water by mass.

The Soniclean Varro combines high heat with 7 bars of pressure, to produce dry steam that is up to 338°F with a dryness fraction greater than 0.95.



Parts & Equipment

Your Varro Steamer includes the following parts and accessories:

- Steamer Hose
- 2 Rectangular Brush
- 3 Triangular Brush
- 4 Detail Nozzle
- **5** Extension Tubes
- 6 Small Nylon Brush (30mm)
- Small Copper Brush (30mm)
- 8 Medium Round Nylon Brush (60mm)
- 9 Rectangular Pad
- 10 Triangular Pad
- Refill Bottle
- 12 Boiler Key
- 13 Thermofiber Cloths (3)



Important Safety Information

Following the instructions and regularly performing the recommended maintenance steps will prevent injury to the user and/or damage to the appliance. Improper use of this machine will void the warranty.

This steamer is a powerful appliance and it should be used with caution. Certain surfaces, fabrics, materials and finishes are water and heat sensitive and can be damaged or discolored by steam. ALWAYS check with the manufacturer of the surface or product being cleaned before using steam. TEST a small, hidden surface to make sure the surface can be steamed. Please note that Soniclean is not liable for damage to personal property caused by improper use of this appliance.

When unpacking the appliance, inspect the unit to ensure that it has not been damaged while in transit. In the event that your machine arrives damaged, please contact Soniclean's support department at:

www.sonicleanusa.com/support

Once you unpack the appliance, do not discard the packaging materials.

The appliance is intended for use in North America. The warranty is no longer valid if this appliance is used outside of North America.

This appliance is designed for 120V AC 60hz. Using a power converter or transformer with this appliance will void the machine's warranty.

This appliance should not be connected to an electrical circuit with a electrical rating of less than 15 amps.

Do not use this appliance on an un-grounded electrical circuit.

Do not use an extension cord with this appliance or use the appliance with the cord still coiled around the cord holder.

Do not use the appliance in extreme hot/cold temperatures.

Do not leave the appliance unattended. During breaks, power off and unplug the appliance.

Before adding water, connecting attachments, and performing any maintenance on the appliance, turn it off and unplug it from the power source.

Do not pull the plug from the socket by pulling the cord of the appliance.

Protect the power cord from twisting, damage or passing over sharp edges. Keep it away from heat sources.

Do not use the appliance if the power cord or the appliance is damaged.

If you need to change your power cord, contact Soniclean's support department for assistance.

If the device is damaged or it does not function properly, immediately unplug the appliance from the power source.

For repairs, contact Soniclean's support department at:

www.sonicleanusa.com/support

Important Safety Information

Never use the appliance with wet hands or feet.

Do not immerse the appliance, its cord or plug, in water or other liquids.

Do not use the appliance near chemicals or toxic substances.

Do not use the appliance on heat-sensitive surfaces or objects.

Do not leave the appliance outside or in a non-climate controlled location.

Do not place the appliance near working heaters, electric heaters or near heat sources.

Electric devices such as televisions, radios, lamps, etc. should not be cleaned with steam, even when they are unplugged from their electrical source.

Do not allow the appliance to be operated by children.

Do not use excessive force or sharp objects to press the touch screen buttons.

Always place the appliance on level flooring.

In case of damage turn off the appliance and never attempt to repair it by yourself. Contact Soniclean for assistance.

During repairs use only genuine Soniclean parts.

Always keep the appliance in horizontal position (all 4 wheels should always be on the floor).

Do not place the steamer on elevated surfaces.

Do not direct the steam jet in or towards electrical appliances.

Always wait for the appliance to cool down before storing.

Empty the boiler if the appliance is not used for more than three weeks.

Never direct the steam jet at people or animals.

Never place your hand in front of the steam jet.

Never pour chemicals or other additives in the tank for steam generation. Use only cold tap water. Do not put hot/boiling water into the refill tank.

This appliance is not suitable for use by persons (including children) with reduced physical, sensory or mental disabilities or who have no experience or knowledge of the use of the device.

Make sure children never play with the appliance. Not for space heating purposes.

Technical Specifications

Your steamer features the following safety/protective systems:

- Safety Overpressure Valve
- Water Resistant Design: IP 24 Certification
- Electronic Boiler Temperature Control
- Electronic Water Level Sensor in the Boiler Tank
- Trigger Lock Function

^{*}Maximum pressure is the pressure threshold at which the safety overpressure valve is activated. This maximum pressure value does not correspond to the operating temperature of the steamer.

Understanding Your Steamer

- Boiler tank cap
- 2 Refill tank cap
- 3 Touch screen display
- 4 Power cord winder
- 5 Hose/Accessory port



Connecting the Steam Hose

To attach the steam hose to the steamer, lift up the protective cover on the Hose/Accessory Port (5) and insert the rectangular end of the steam hose into the port.

To remove the steam hose, lift up the protective cover on the Hose/Accessory Port (5) and pull out the hose.

Connecting the Accessories

Insert the appropriate accessory into the round end of the hose or tube until it locks in place.

To remove an accessory from the hose or tube, depress the two tabs together and pull to remove.

Getting Started - Display

Filling with Water

Before connecting the power cord to the electrical outlet, make sure that the boiler cap on the underside of the steamer is tightened completely.

Fill the refill tank with TAP WATER* using the included refill bottle. To turn on the steamer, press the ON button $\textcircled{\bullet}$ on the touch screen display (Fig. 3.1).

When turned on, the touch screen will display "ON" (Fig. 3.2) and the steamer will automatically begin to pump the water from the refill tank into the boiler.

The appliance needs about 7-8 minutes to convert the water into dry steam.

Once it reaches operating pressure, the temperature will appear on the display (Fig. 3.3). Once the temperature is displayed on the screen, the steamer is ready for use.

NOTE: If your steamer runs out of water, the machine will produce an alarm and "H2O" will appear on the display screen. When your steamer is out of water, the unit will not produce steam until the refill tank is replenished.





Fig. 3.1

Fig. 3.2



Fig. 3.3

*ONLY USE TAP WATER WITH THIS STEAMER. Distilled or Reverse Osmosis water does not contain sufficient concentrations of minerals to allow for optimal steam production and cleaning performance.

The ideal water TDS (total dissolved solids) should be within:

If your home's tap water hardness is high, descaling the machine more frequently is advised for optimal performance. Please see page 19 for descaling instructions.

Getting Started - Controls

Once your steamer is filled with water, turned on, and is at operating temperature, you can connect the hose to the machine. The handle on the steam hose allows you to select from three different power settings, control when the steam is released, and operate the safety locking feature.

As a safety feature, the steam release trigger (B) will be locked by default. To unlock the steam release trigger and toggle through the steam power settings, click button (A) with your thumb.



Reference the display screen to know which power level is selected. If no symbol is displayed, the handle is locked.

Low Power

Med Power

High Power



When the desired steam power setting is selected, steam will be released when the trigger (B) is pressed.

IMPORTANT: If your steam hose is cold, this might cause condensed water to initially exit the hose. To purge this condensation, release steam from the handle at high power for 10 seconds. It is recommended to purge the hose in an area that will not splash back towards you or the machine.

For safety purposes, always lock the steam release trigger when you are not steaming to prevent accidental discharge.

Using your ThermoFiber Cloths

Your Soniclean Varro steamer includes (3) specially engineered, ultra-absorbent ThermoFiber steam cloths. While normal microfiber cloths melt at around 140° F, these ThermoFiber cloths are designed to withstand temperatures of up to 340° F without losing their shape and absorbency properties.

IMPORTANT: Do not use regular microfiber cloths with the steamer as they will melt and may cause injury to the user and damage to the machine.

When washing your ThermoFiber cloths in the washing machine, do not use fabric softener.

When used in conjunction with the appropriate pad (PAGE 6, part #9 and #10), the ThermoFiber cloths can be affixed to both the rectangular or triangular tool for an efficient way to clean and sanitize smooth surfaces like stone, tile, laminate, glass, wood, metal and more.

For video demonstrations on how to affix the ThermoFiber cloths to each tool, please visit:



www.sonicleanusa.com/varro



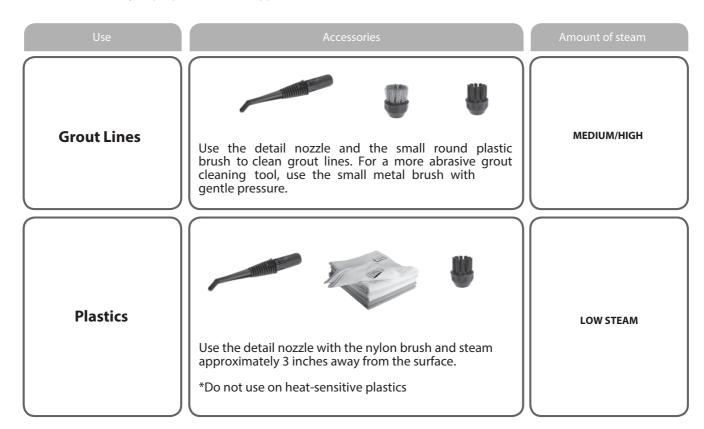






Cleaning Guide

This guide is intended to provide you with a general overview of how to steam clean various types of hard and soft surfaces. Before steam cleaning, we recommend test cleaning an inconspicuous area to assess whether the selected steam power is too hot. Please note that Soniclean is not responsible for any damage to objects or surfaces caused by improper use of this appliance.



Metal

Stainless steel, anodized aluminum, and brass.
*If the metal is painted or has a heat sensitive coating, use steamer with caution.



Depending on the size of the surface choose the detail nozzle or the triangular brush (then polish with the ThermoFiber cloth) or the triangular brush with ThermoFiber cloth attached to it.

LOW/MEDIUM STEAM

Wood Surfaces

Many types of wood are sensitive to heat. Please clean wood surfaces very carefully.



For spot cleaning, use the detail nozzle about 5 inches away from the surface. For especially sensitive surfaces, wipe with a ThermoFiber cloth, gently preheated with steam.

For floors, use the rectangular tool with the ThermoFiber cloth. Use a low steam and continually move the floor tool: do not keep the hot floor tool in one spot for more than 5 seconds.

LOW STEAM

Ovens, Stove Tops and Cookware









Use the detail nozzle with the medium or small nylon brush. Once steam cleaned, wipe the surface with a clean ThermoFiber cloth.

MEDIUM/HIGH STEAM

Glass



The more dirt on the glass, the less distance between the point nozzle and the surface you need. Short distance means better cleaning with high temperature. Avoid direct contact of the surface with the point nozzle. Dissolve the stubborn dirt with the soft brush and remove the dirt with a ThermoFiber cloth.

LOW/MEDIUM STEAM

Mattresses





Treat the front and the back of the mattress with the rectangular tool with the pad and ThermoFiber cloth. Eject the steam onto the mattress from 3-5 inches away. Do not steam a particular area for more than 5 seconds. Once finished, remove any surface moisture with a clean ThermoFiber cloth and allow the mattress to fully dry.

LOW STEAM

Carpets

You can clean and sanitize carpets and area rugs. Carpets and rugs may be made of various types of synthetic/natural fibers. Please check with your carpet's manufacturer to ensure that your carpet can be cleaned with steam.



Thoroughly vacuum the entire carpet before steam cleaning. Check the resistance of colors and the adhesion by doing a test cleaning on small hidden place. After assessing the result, continue with the cleaning process. First treat the stains with the detail nozzle (without touching the tip of the nozzle on the carpet) and absorb any excess moisture on the carpet pile with a clean ThermoFiber cloth.

Do not steam one area of carpet for more than 5 seconds on low steam.

LOW STEAM

Upholstery

Upholstery is made from a variety of materials such as viscose, cotton, blended fabric, and leather. Certain materials are more sensitive to heat so please exercise caution.







For non-sensitive materials, you can clean directly with the triangular brush and ThermoFiber cloth attached to it. For more sensitive materials like cotton, blended fabrics, etc, steam clean them from a distance of about 5 inches and then use a ThermoFiber cloth to remove any excess moisture.

Allow the upholstered surface to completely dry.

LOW STEAM

Bathtubs, bidets, shower trays, toilets, and sinks.







Clean larger surfaces with the medium nylon round brush. Use the detail nozzle for the corners with or without attached brush. For detail cleaning, use the small nylon brush. **LOW STEAM**

Degreasing Drains





Attach the drain cleaner (sold separately) to clean and degrease sink and shower drains. Eject steam into the drain for 10-15 seconds and flush drain with water. Use the detail nozzle to clean the drain seals and garbage disposals.

HIGH STEAM

Parquet/ Laminate Floors





To clean parquet or laminate flooring, use the rectangular brush with a ThermoFiber cloth. Replace the ThermoFiber cloth when it becomes saturated with water.

LOW STEAM

Descaling your Steamer

Overtime, natural mineral deposits in your tap water can accumulate in the steamer boiler, pumps, and waterlines. To ensure optimal performance and to avoid causing damage to the machine, descaling the steamer every 4-6 months is required.

Soniclean Varro uses a special descaling powder that can be purchased through www.sonicleanusa.com

To descale your steamer:

- 1 Unplug the machine from the power source.
- 2 Wait until the appliance cools down completely (may take up to 12-24 hours).
- Unscrew boiler cap (1) by using the boiler key, empty the boiler and screw the cap back on (DO NOT OVER TIGHTEN THE BOILER CAP).
- 4 Remove the refill tank cap and empty the refill tank by carefully inverting the machine over a sink or bucket.
- Mix one packet of descaling powder with 35 fl oz. of cold water. Once the powder is completely dissolved, add the mixed descaling solution to the refill tank and replace the refill tank cap.
- 6 Turn the steamer ON and wait until the appliance reaches operating temperature.
- Once the steamer reaches operating temperature, turn the machine OFF and unplug the power cord from the electrical outlet.
- 8 Let the appliance completely cool down.
- 9 Once the steamer cools down, repeat step 3. (Don't forget to screw the boiler cap back on.)
- Once the boiler has been drained, you are now ready to refill your steamer with tap water and resume cleaning.

IMPORTANT: Using a descaling solution that is not approved for use in the Soniclean Varro VSS-1000 steamer may cause irreparable damage to the machine and will void your machine's warranty.

Warranty (Page 1/3)

- 1.0 Subject to paragraphs 1.1 and 1.2 below, for a period of thirty-six (36) months following the purchase of the Product (the "Warranty Period"), if the Purchaser has used the Product under normal use and in strict conformity with the instructions and/or manual of operations (a "Covered Product"), Soniclean will provide the warranty set forth below (collectively, the "Warranty").
- 1.1 For the initial twelve (12) months of the Warranty Period (the "Initial Warranty Period"), if Purchaser discovers any defects in material or workmanship and notifies Soniclean in writing thereof no later than fifteen (15) days following the end of the Initial Warranty Period, Soniclean shall use reasonable commercial efforts to repair or replace that portion of the Product found by Soniclean to be defective in material or workmanship or refund the purchase price of the Product or replace the Product or a portion of same. Soniclean reserves the right to charge shipping and handling during the Initial Warranty Period. If the product is not repairable, a refurbished equivalent product, or a replacement equivalent product or a store gift certificate equivalent to the current value towards the purchase of a new product will be issued. If Soniclean exchanges the Covered Product, the original product becomes Soniclean's property and the replacement product is your property, with coverage effective for the remaining term of the Warranty Period, subject to the terms hereof.
- 1.2 For the portion of the Warranty Period starting upon the expiration of the Initial Warranty Period and ending twenty-four (24) months later (the "Secondary Warranty Period"), the Warranty shall cover parts only, excluding accessories, shipping and handling costs. During the Secondary Warranty Period, Soniclean reserves the right to charge a service fee, as well as shipping and handling, for all Warranty claims, in order to repair or replace the defective Product with a replacement product that is new or equivalent to new in performance and reliability. All replacement products provided under this Warranty will at a minimum be functionally equivalent to the original product. If Soniclean exchanges the Covered Product, the original product becomes Soniclean's property and the replacement product is your property, with coverage effective for the remaining term of the Warranty Period (if any), subject to the terms hereof. Replacements of products having less than twelve (12) months remaining on their Secondary Warranty Period or that are out of warranty will be covered by a limited warranty of twelve (12) months, starting from the date of replacement.

Detailed service fees are available at: www.sonicleanusa.com/varrowarranty

- 1.3 The Warranty is void if:
 - The damages are the result of an accident, abuse, freezing, impact, alteration, non-authorized usage, a major force, or use of other electricity than that indicated on the Product.
 - Repairs, modifications, or alterations were done by a person not authorized by Soniclean.
 - The owner or user neglected to do routine maintenance required and the damages or problems are directly related to such neglect. It is the Purchaser's responsibility to keep equipment in proper condition and to exclusively use Soniclean parts and products so as to not damage the internal components.

Warranty (Page 2/3)

- 1.4 Notwithstanding sections 1.0, 1.1 and 1.2, provided that the Purchaser has used the Product under normal use and in strict conformity with the instructions and/or manual of operations, Soniclean offers a lifetime warranty on the Product boiler.
- 1.5 It is understood that certain parts of the Product are not covered by the Warranty due to the fact they require replacement after multiple use. Such parts include, but are not limited to, buttons, hoses, wheels, covers, seals, etc. These parts will eventually require replacement at the Purchaser's cost.
- 1.6 Soniclean makes no warranty or representation that the Product complies with any local laws, rules or regulations and Purchaser shall be responsible for obtaining all permits or authorizations required by any regulatory body for installation or use of the Product.
- 1.7 SONICLEAN MAKES NO OTHER WARRANTIES OR REPRESENTATIONS AND THE WARRANTY STATEMENT IS IN LIEU OF ALL OTHER WARRANTIES, REPRESENTATIONS, PROMISES, OR CONDITIONS, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SONICLEAN EXPRESSLY DISCLAIMS ALL WARRANTIES AND CONDITIONS NOT STATED HEREIN. ANY IMPLIED WARRANTIES AND CONDITIONS THAT MAY BE IMPOSED BY LAW ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. SONICLEAN'S LIABILITY FOR WARRANTY CLAIMS IS LIMITED TO REPAIR OR REPLACEMENT AS SET FORTH HEREIN.
- 1.8 The Purchaser understands that it shall strictly comply with the operation instructions and/or manual of operations provided by Soniclean in relation to the Product. FAILURE TO DO SO SHALL VOID THE WARRANTY AND RELEASE SONICLEAN FROM ANY WARRANTY AND LIABILITY WHATSOEVER.
- 1.9 This warranty is to benefit the original purchaser of the product. The warranty is not transferable beyond the original purchaser.
- 1.10 Steam is a powerful tool. Like any other tool, it should be used with caution. Certain surfaces, fabrics, materials, and finishes are water and heat sensitive and can be damaged or discolored by steam. ALWAYS check with the manufacturer of the surface or product being cleaned before using steam. TEST a small, hidden surface to make sure the surface can be steamed.
- 1.11 In no event is Soniclean liable for incidental, punitive, exemplary, or consequential damages to anyone, of any nature whatsoever. Some states/provinces do not permit the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

Warranty (Page 3/3)

- 1.12 Soniclean may subcontract or assign performance of its Warranty obligations to third parties.
- 1.13 Soniclean is not responsible for any failures or delays in performing under the Warranty that are due to events outside Soniclean's reasonable control.
- 1.14 The Warranty does not cover machines used for rental purposes.

2.0 EXCLUSION AND LIMITATION OF LIABILITY

THE SOLE AND EXCLUSIVE MAXIMUM LIABILITY BY SONICLEAN, OR ITS EMPLOYEES, AGENTS, DIRECTORS, OFFICERS, SUBCONTRACTORS OR SUPPLIERS, SHALL NOT IN ANY EVENT EXCEED THE TOTAL PRICE OF THE PRODUCT PAID BY PURCHASER. IN NO EVENT WILL SONICLEAN BE LIABLE TO PURCHASER FOR CONSEQUENTIAL, INCIDENTIAL, SPECIAL DAMAGES, INJURY TO PERSON OR PROPERTY, OR ECONOMIC LOSS (INCLUDING BUT NOT LIMITED TO LOSS OF EXPENDITURES, INVESTMENTS, COMMITMENTS OR LOST PROFITS) ARISING FROM ANY CLAIM OR ACTION, INCIDENTAL OR COLLATERAL TO, OR DIRECTLY OR INDIRECTLY RELATED TO THE PURCHASE OR LICENSE OF THE PRODUCT HEREUNDER.

3.0 FORCE MAJEURE

For all purposes hereof, force majeure includes any act of God, war, mobilization, governmental regulation, strike, lockout, drought, flood, viruses, pandemic, total or partial fire, obstruction of navigation, loss, damage or detention in transit, defective materials or delays by shippers, or other contingencies or causes beyond Seller's control which might prevent the manufacturer, shipment or delivery of Goods covered hereby. Performance of Seller's obligations may be suspended pending force majeure, without Seller being responsible to Purchaser for any damages or losses resulting from such suspension.

4.0 SEVERABILITY

If any provision or provisions of this Owners Manual including, but not limited to, the Warranty, is held to be invalid, illegal, or unenforceable, such provision shall be enforced to the fullest extent permitted by applicable law, and the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

5.0 INTELLECTUAL PROPERTY

Purchaser agrees that any technical, scientific, marketing, or commercial know-how or trade secret relating to the Product including, but not limited to any inventions, patents, copyright, and industrial design is the exclusive property of Soniclean.

SONICLEAN® Varro®

Web: www.sonicleanusa.com

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