

SANZONATE®



AQUAKART

MOBILE PRO | OWNERS MANUAL

AQUAKART MOBILE PRO

OWNER'S MANUAL

Dear Customer,

Congratulations on the purchase of your new Sanzonate Aquakart Pro! Like any other piece of machinery or technology, Caddies require the proper maintenance and care to keep the product working over extended use. Neglecting your machine, abusing it or not operating it properly can void its warranty and prevent the machine from performing to the quality and standard you'd expect.

If you have any warranty concerns or questions, please review this manual thoroughly or do not hesitate to contact your authorized Sanzonate distributor. If there are questions regarding maintenance, replacement or ordering parts please contact an authorized Service Center or email support@sanzonate.com

BEFORE USING YOUR AQUAKART, PLEASE READ THIS MANUAL THOROUGHLY.

INTRODUCTION

The SANZONATE™ Aquakart Pro is a product developed by Sanzonate Europe to support janitorial professionals with an effective, easy to use, multipurpose cleaning system. The Aquakart Pro is an advanced aqueous ozone system designed specifically to promote environmentally responsible cleaning, focusing on general purpose cleaning, restroom cleaning, carpet extraction, high- touch surface cleaning and other janitorial applications.

Sanzonate Aqueous Ozone Solution is an aqueous form of triatomic oxygen, also known as aqueous ozone. Numerous studies and research have documented the unique properties of ozone. The Aquakart Pro generates an aqueous ozone solution using just cold water and electricity. The Aquakart Pro is calibrated by design to provide flow rates of the Sanzonate solution with concentration levels ranging from 1.0 - 1.5 parts per million ("ppm") of ozone in solution.

The Aquakart Pro is mobile and easy to use. Simply fill the water supply reservoir with cold tap water, then plug the unit into a 240V receptacle. Turn on the power switch and allow the system to prime and charge. Within moments the Aquakart Pro is ready for use. A stream of Sanzonate solution will dispense from the application spray gun hose on the Aquakart Pro.

Please keep this manual in a safe place for reference. Read and follow all instructions before use. Contact your local Sanzonate Distributor for more information or assistance.

**A SAFER
MORE POWERFUL
CLEANING SOLUTION**

SPECIFICATIONS

VOLTAGE	240 V
AMPS	15A
WEIGHT	Approximately 55 Kg
DIMENSIONS	635 X 457.2 X 1016 mm
FLOWRATE	1.9 Litres Per Minute (LPM)
CONCENTRATION	1.5 Parts Per Million (PPM) Ozone in Solution.
SPRAY PRESSURE	10 PSI / 100 PSI Boost
RECOMMENDED WATER SOURCE	Clean, Cold, Softened Water pH <8

1.0 UNPACKING THE MACHINE

READ THIS MANUAL BEFORE OPERATING MACHINERY. KNOW THE PROPER SET-UP, OPERATION, CORRECT APPLICATIONS AND THE LIMITATIONS OF THIS EQUIPMENT BEFORE USE.

This Aquakart Pro will afford you many years of trouble-free operating satisfaction, provided it is given the proper care. All parts have passed rigid quality control standards throughout the assembly process. Prior to packaging, your Aquakart Pro was again inspected for assurance of flawless operation. This machine is protectively packed to prevent damage in shipment. We recommend that upon delivery, unpack the unit and inspect it for any possible damage. Only a visual inspection will reveal damage that may have occurred.

If damage is discovered, immediately notify the transportation company that delivered your equipment. As a shipper, we are unable to report any claim for damage. You must originate any claim within five (5) days.

This manual is for your protection and information. Please read carefully since failure to follow precautions could result in discomfort or injury.

2.0 NAME PLATE

The Model and Serial Number are located on the lower half of the back of the machine, near the power plug and will be required for ordering replacement parts. You can use the space provided on the back of this manual for future reference.

AQUAKART MOBILE PRO

OWNER'S MANUAL

REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY

Use only as described in this safety operating manual. Use only the manufacturer's recommended attachments, accessories, replacement parts and filters. Replace damaged or worn parts immediately with genuine, original equipment parts to maintain safety and to protect your limited warranty.

Always turn OFF the Aquakart Pro before connecting, disconnecting or working on the machine. This equipment must be connected to a properly grounded outlet only (see grounding instructions).

One (1) 25-foot, 12/3-gauge safety power cord is provided with this unit and MUST be used with this unit to ensure grounding protection. Turn off all controls before unplugging. Make sure the on/off switch is in the "OFF" position.

- ***This is not a toy.***
- ***Close attention is necessary when used around or near children.***
- ***Use extra care when cleaning on stairs.***

DO NOT leave the Aquakart Pro when plugged in. Unplug it from the outlet when not in use and before servicing.

DO NOT use this Aquakart Pro with a damaged cord or plug. If the equipment is not working as it should because it has been dropped, damaged, left outdoors, etc., contact an authorized service center.

DO NOT unplug the Aquakart Pro by pulling the cord. To unplug, grasp the plug, not the cord. DO NOT pull the unit by the cord, use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces. Lift using only the appropriate handles.

DO NOT overstretch the safety power cord between the equipment and the electrical outlet in the wall.

DO NOT tie an extension cord to the pigtail cord. This will damage the cord.

DO NOT handle the plug of the vacuum with wet hands.

DO NOT move the machine up or down stairs with fluid in the machine.

DO NOT pick up anything that is burning or smoking such as cigarettes, matches or hot ashes.

DO NOT use the machine to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.

DO NOT put objects into openings or use with any openings blocked. Keep free of dust, lint, hair and anything that may reduce air flow. Keep hair, loose clothing, fingers, and all body parts away from openings and moving parts to ensure safe operation.

DO NOT use if any hoses or nozzles are damaged, cut or punctured.

DO NOT expose to rain or use on wet surfaces, to avoid electric shock. Store indoors.

DO NOT leave machine outdoors, in extreme heat or cold. Harsh weather elements will damage components and void warranty.

DO NOT lubricate the motor. If the motor is lubricated, this will VOID your warranty.

3.0 GROUNDING INSTRUCTIONS

DANGER: IMPROPER INSTALLATION OF THE GROUNDING PLUG CAN RESULT IN A RISK OF ELECTRIC SHOCK!

This product must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire with an appropriate grounding plug. The plug must be plugged into an outlet that is installed properly and grounded in accordance with all local codes and ordinances.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is grounded properly. DO NOT modify the plug provided. If it will not fit into the outlet, have a proper outlet installed by a qualified electrician.

4.0 CARE OF YOUR AQUAKART PRO

Treat your machine as you would any other high grade, precision made product. Dropping, unreasonable bumping across thresholds and other misuses may result in a damaged unit which will not be covered under warranty. After each use, wipe the extractor body, accessories and power cord with a slightly damp cloth. When not in use, remove the power cord and hoses. Store in a dry area.

5.0 SETUP AND MACHINE PREPARATION

- **DO NOT EXPOSE TO RAIN.**
- **STORE INDOORS.**
- **DO NOT use citrus acid, buterol or harsh degreasers inside the machine.**
- **DO NOT use powdered detergents in this machine – will VOID warranty.**

Remove unit from carton. Read the Owner's Manual completely before operating your new Aquakart Pro. Inspect your new machine to insure that there was no damage done during shipping. All units, no matter what the time of year, are shipped with antifreeze in the solution lines. Prior to first use, the tank and lines must be flushed of this antifreeze:

1. Check to make sure the round lid on your recovery tank is securely fastened to the tank.
2. All switches should be "OFF"
3. Connect the suction hose (vacuum) to the main hose barb on the front of the machine. You may have to rotate the hose back and forth while pressing onto wand/tool and one the hose barb on the front of the machine to insure a snug fit. Connect the opposite end to either the squeegee wand or carpet extractor. Holster the vacuum wand. (Fig. 1)
4. Attach the blue solution hose to your wand or hand tool and to the Aquakart Pro (Fig. 2)
5. Attach the dump hose to the hose barb located on the rear of the Aquakart Pro with the clamp provided. The clamp requires a 7/16" wrench to tighten. Secure dump hose pre-installed hook (Fig. 3)
6. You may now proceed to fill your machine with fresh clean water.

AQUAKART MOBILE PRO

OWNER'S MANUAL

5.0 SETUP AND MACHINE PREPARATION *(Continued)*

7. Turn "ON" the switch labeled "PUMP". The machine will now begin to prime the pump and pressurize the lines. Over a drain or bucket, squeeze the trigger on the wand or hand tool to run most of the one gallon of clean water through system. This is so all of the RV Antifreeze is flushed out from the system. *DO NOT operate the unit if it is out of water as this could damage pump and will VOID your warranty.

If nothing comes out of the end of the wand or hand tool, or the pump fails to prime. Squeeze and release the spray gun trigger several times, slowly. If this fails to prime the pump, go back and disconnect and reconnect all the quick disconnects, to insure proper fitting. These must be securely attached in order to function. Test again.



Fig. 1



Fig. 2



Fig. 3

6.0 OPERATION - GENERAL

1. Turn "ON" the pump switch located on the switch plate at the front of the aquakart; green colored.
2. The pump will turn on and begin pressurizing the system. Once the pump reaches the optimum pressure it will shut off automatically.
3. You are now free to use the Aquakart Pro for any cleaning purposes by squeezing the applicator spray gun trigger.
4. Once finished spraying, remove the vacuum wand from the clamp strap. Turn on both vacuum switches and begin vacuuming solution from the floor.

6.1 OPERATION - CARPET EXTRACTION *(attachment sold separately)*

1. Disconnect the applicator gun from the blue solution hose.
2. Disconnect the vacuum wand from the black vacuum hose.
3. Connect the stainless steel carpet extractor wand to the black vacuum hose.
4. Connect the 1/8" brass quick connect to the blue applicator hose.
5. Turn "ON" the pump switch; green colored. The system will begin to pressurize and once an internal setpoint is reached the pump will shut off.
6. Start in a far corner and plan your exit. Use the extractor wand to pre-spray a 4'x6' (or larger) area with aqueous ozone.
7. Allow the ozone solution to work for 2-3 minutes. Do not let dry.
8. Turn "ON" BOTH: vacuum 1 + vacuum 2. Begin making passes across the saturated carpet with the wand. Overlap passes by 1/4" length of the extractor head.
9. Vacuum again to remove excess solution and speed drying time. The use of an air mover can greatly increase drying times.

7.0 VACUUM SYSTEM

The extractor uses a vacuum motor system that provides outstanding water lift and air flow.

Vacuum Float Switch Warning System:

The Aquakart Pro has a built in kill-switch for the vacuum motors. It is located on the inside of the recovery tank near the left-hand side. Its purpose is to prevent overfilling of the recovery tank which can lead to water becoming sucked into the vacuum motors. This is an active component is is always in operation.

When the recovery tank has reached its maximum capacity; two things happen:

1. Power to the vacuum motors is disconnected
2. The recovery tank "FULL" LED (RED) will illuminate

When this happens, immediately turn off the vacuum motors and empty the recovery tank. The operator will be unable to engage the vacuum motors until this has been finished. Tampering with, removing or bypassing this switch will VOID your warranty.

It is also necessary to use low foaming chemicals or a defoamer to eliminate foam build-up in the recovery tank and damage to the vacuum motors.

If moisture enters the vacuum motors, contact an authorized service center. To prevent moisture from damaging the vacuum motors during storage, empty the recovery tank and store with the lid open.

AQUAKART MOBILE PRO

OWNER'S MANUAL

8.0 MAINTENANCE

WARNING: Disconnect electrical power cord before performing any service or maintenance inside the machine base or before testing or repairing switches or power cords. Failure to do so may result in severe personal injury or death.

Regular maintenance is required to keep your Aquakart Pro in proper working condition. Failure to properly maintain your machine could void warranty. Thoroughly clean all equipment and accessories after each use:

- *Rinse the solution and recovery tanks with clean water.*
- *Flush the pump system with clean water, including all hoses and wands.*
- *Do not allow water to remain in the tanks after use.*
- *Lubricate all quick disconnects with WD-40 or similar lubricant.*
- *Clean vacuum float assembly screen.*
- *Never spray aqueous ozone solution down the vacuum stand pipes.*

OPERATION	INTERVAL
Clean Fresh Water Tank Filter	Daily - After Each Job
Clean Vacuum Assembly Screen	Daily - After Each Job
Rinse Out Recovery Tank	Daily
Clean Pump Inlet Filter	Weekly - As Needed
Clean Pump In-Line Filter	Weekly - As Needed
Clean Dump Hose	Weekly - As Needed
WD-40 Vacuum Motors	Weekly - As Needed
Prevent Mineral Deposit Build-Up	Every Two Weeks

8.1 RINSE OUT RECOVERY TANK

Build-up of fine silt and debris can negatively impact the operation of your Aquakart Pro. Clean out the recovery tank on a regular basis to extend the life of these components as well as keep the tank and machine smelling better. *To rinse out recovery tank:*

- *Locate a floor drain, toilet, mop sink or bucket and remove the recovery tank lid*
- *Use fresh clean water to rinse out of the tank, while simultaneously allowing it to drain.*
- *Close the dump hose cap and re-hook*
- *Spray the tank with Sanzonate Aqueous Ozone Solution and allow to sit for 5-10 minutes*
- *Drain all remaining fluids from tank and dispose of any debris*

8.2 CLEAN PUMP INLET FILTER

CAUTION: before proceeding with this procedure, make sure both the power cords are disconnected. To rinse out recovery tank:

- *To examine the filter, open the solution tank lid on the front of the machine. The filter is in the bottom of the solution tank.*
- *Grasp the filter cap and unscrew the filter from the brass nipple by turning counter-clockwise. Clean the filter by rinsing with fresh water. If necessary, use a tooth brush to remove detergent build-up. Replace as needed.*



NOTE: A heavy build-up is a warning sign that the solution system should be flushed.

8.3 CLEAN IN-LINE PUMP FILTER

CAUTION: Before proceeding with this procedure, make sure the power cord is disconnected and there is not water in the fresh or recovery tank.

- *Unlatch the base of the machine and tip the tanks back.*
- *Carefully expose the in-line filter in the motor base.*
- *Unscrew the clear H2O cup.*
- *Remove the screen from the cup. Be careful not to bend the screen.*
- *Rinse both the screen and cup with fresh water.*
- *Reassemble the H2O filter and replace it carefully into the motor base.*
- *Lift the tanks back onto the base and restore the latch.*



IMPORTANT: this filter must be cleaned at least once a week to prevent water blockage to the pump.

AQUAKART MOBILE PRO

OWNER'S MANUAL

8.4 CLEAN DUMP HOSE

The dump valve, located on the back of the machine, has a track inside of it. Open the dump valve and check the track for build-up. This build-up could prevent the dump valve from closing and cause leaking. Use a toothbrush to clean the track of the dump valve.

8.5 WD-40 VACUUM MOTORS

Should moisture ever enter the vacuum motors, completely drain the recovery tank, open the recovery tank lid, remove the vacuum float assembly, turn on the vacuum motor and spray a burst of WD-40 into the standpipe. Continue to run the vacuum motor for at least three (3) minutes.

To prevent moisture from damaging the vacuum motors during storage, empty the recovery tank and store with the lid open.

8.6 PREVENT MINERAL DEPOSIT BUILD-UP

Vinegar may be used to prevent mineral deposit build-up in your machine's lines and pump. Failure to do so may clog your lines and pump. Every two weeks, pour vinegar into the solution tank (dilute with 1/2 water). Run the pump, while squeezing your wand or upholstery tool's trigger unit you smell vinegar or notice it coming out of the tool. Let the machine sit overnight, and no longer, with the vinegar in its lines. The next day, flush the machine with 1-gallon of clean water or until you do not smell vinegar any longer.

- **PLEASE NOTE: If you choose to use CLR, follow the directions on the bottle. DO NOT leave CLR in the machine's lines and flush thoroughly. CLR may corrode the machine's components and VOID your warranty. If you choose to use vinegar, you MUST dilute with 1/2 water. Failure to do so may damage the machine's components and VOID your warranty.**

9.0 SHUTDOWN PROCEDURES

- *When finished cleaning, turn OFF all switches.*
- *Disconnect the solution hose and vacuum hose from the cleaning tool. Pull the valve trigger to release pressure from the hose before disconnecting the solution hose from the cleaning tool.*
- *If water remains in the solution tank, use the vacuum hose and vacuum the excess water from the tank (Figure 1).*



9.0 SHUTDOWN PROCEDURES *(Continued)*

- **Disconnect the power cords from the outlets and from the machine.**
- **Remove the float assembly from the recovery tank and clean filter as needed. Replace float assembly and tank lid (Figure 2).**



- **Drain any remaining water from the recovery tank and dispose of in a sanitary drain. CAUTION: use separate buckets to drain and fill the tank. Even the smallest debris can cause issues. (Figure 3)**
- **Disconnect and roll-up all hoses and tools. Store machine and accessories in a dry space.**

10.0 STORING YOUR AQUAKART PRO

Store your carpet extractor in temperatures over 40 degrees Fahrenheit. To prevent moisture from damaging the vacuum motor during storage, empty the recovery tank and store with the lid open. Store in an upright position in a dry area.

If you plan on storing your extractor in freezing conditions or for a long period of time, you must winterize your carpet extractor to protect the pump from freezing also damage being caused to fittings and valves. Damage due to freezing is NOT covered under the warranty. The following procedure should help prevent your carpet extractor from freezing and prevent pump and seals from drying out.

Recommended Procedure for Storage

- **Pour a quart of RV Water System Antifreeze into the solution tank.**
- **Connect the solution hose to the front of the machine.**
- **Use the wand to spray the mixture into a bucket.**
- **Vacuum the excess mixture out of the solution tank and into the recovery tank.**
- **Dispose of the antifreeze properly.**

To return to service, flush the pressure system by repeating the above steps, using fresh water in place of antifreeze.

AQUAKART MOBILE PRO

OWNER'S MANUAL

11.0 TROUBLE SHOOTING GUIDE

CAUTION: Always disconnect the power cord before servicing equipment.

WARNING: Never operate this carpet extractor when the equipment is not performing as expected or when any part is visibly damaged. Repairs should only be performed by an authorized service center. Failure to do so will VOID warranty.

SYSTEM	PROBLEM	POSSIBLE CAUSE	REMEDY
Vacuum System	No Vacuum Weak Vacuum	1. Vacuum Tank Full 2. Float Assembly Tank Screen Dirty 3. Float Ball Stuck 4. Damaged or Loose Vacuum Hose 5. Dump Valve Open 6. Access Lid not Sealed 7. Vacuum Hose Clogged 8. Air Intake Grid Clogged 9. Leak in Recovery Tank 10. Water Coming out of Vacuum Exhaust	1. Empty Recovery Tank 2. Clean the screen with water 3. Tap Float to Unstick Ball, Then Clean 4. Attach or Replace 5. Verify Cap is Closed 6. Replace Gasket 7. Clear Debris 8. Clean 9. Clean/Dry Area, Patch with Silicone 10. Use a Low Foaming Detergent
Electrical System	Unit will not turn on	1. Vacuum Tank Full 2. Float Assembly Tank Screen Dirty 3. Float Ball Stuck 4. Damaged or Loose Vacuum Hose	1. Check if machine/cord are plugged in 2. Check switches, Replace if necessary 3. Reset Circuit on receptacle 4. Unplug machine & look for loose wires
Electrical System	Burning Smell	1. Vacuum Motor Hung Up 2. Pump Motor Hung Up/ No Flow	1. Replace Vacuum Motor 2. Replace Pump
Pump System	Pump is not running properly	1. No Power to the Pump 2. Jets on Wand are Clogged 3. In-Line Water Filter Clogged 4. Debris covering Inlet Filter 5. Kinked or Loose Hose 6. Pump Failed to Turn On 7. Quick Disconnects Not Full Seated 8. Pump "Chattering"	1. Check the electrical system 2. Check Jet Filter 3. Clean In-Line Filter 4. Clear Debris 5. Check and Replace Hoses if needed 6. Replace Pump 7. Inspect Inside Fittings for Debris 8. Adjust Pressure Switch on Pump



SANZONATE[®]

LIMITATION OF LIABILITY

Sanzonate disclaims all warranties, express, implied and statutory, including, without limitation, the implied warranties of merchantability, fitness for a particular purpose or use, title and non-infringement of third-party rights. No oral or written information or advice given by the manufacturer, its agents or employees shall in any way increase the scope of this warranty. The manufacturer does not warrant uninterrupted or error-free operation of this technology.

THE END USERS DECISION TO ACQUIRE OR USE THIS TECHNOLOGY IS THE END USERS SOLE RESPONSIBILITY. MANUFACTURER IS NOT RESPONSIBLE FOR, AND WILL NOT BE LIABLE FOR, ANY DAMAGES ARISING FROM THE END USERS DECISION TO SELECT THIS TECHNOLOGY FOR A PARTICULAR PURPOSE.

The end user will indemnify, defend and hold harmless the manufacturer, its members, directors, officers, employees and agents from and against any losses, costs or damages (including reasonable attorney's fees) resulting from claims, suits, or actions by third parties arising from or in connection with End User's actions, omissions or use of the technology.

SANZONATE EUROPE

G2 Swords Enterprise Park, Feltrim Rd, Swords Dublin, K67X853

Call: +353 1800 989 545 **Email:** support@sanzonate.com

WWW.SANZONATE.COM