



Blue Revo



## PROFESSIONAL STEAM AND VACUUM SYSTEM OPERATING MANUAL

**WE WILL BE  
UNABLE TO  
REPAIR  
MACHINES IN  
WHICH  
CHEMICALS  
HAVE BEEN  
INTRODUCED TO  
THE BOILER**

## Important Notes Checklist

- ✓ DO NOT PRESS HARD – The heat and pressure of steam and correct use of accessories will do the work for you.
- ✓ USE TAP WATER- do not use distilled water and avoid using softened water. Cold water is best.
- ✓ DO NOT STORE MACHINE IN AREAS WHERE TEMPERATURES CAN DROP TO FREEZING OR BELOW – even when drained, there can be damage to components when the machine is exposed to freezing temperatures.
- ✓ ATTACH ACCESSORIES SO THAT THEY FIT SNUG AND FLUSH – ensure connections are secure. Ensure o-rings are correct – two in good condition at every connection.
- ✓ FOLLOW DRAIN PROCEDURE WEEKLY – always perform drain procedure when the machine is cold and unplugged for at least six hours.
- ✓ STOP USING YOUR MACHINE if you notice steam leaking. Continuing to operate the machine in this state can cause serious damage to other parts of the machine.
- ✓✓ **MOST IMPORTANT – NEVER PUT CHEMICALS IN YOUR STEAM CLEANER!!!**

## Congratulations! And thank you for purchasing the Blue Evolution Revo Steam and Vacuum Cleaning System from Intersteam Technologies.

This manual contains detailed instructions for the operation of your Blue Evolution Revo including cleaning procedures, safety instructions and warranty and return policies.

Your machine is engineered with technology and power to tackle the toughest cleaning jobs in an easy and chemical free way. You can use your system to effectively clean and sanitize virtually any surface.

Cleaning with your Blue Evolution Revo means:

- \*Chemical free cleaning
- \*Fast and effective cleaning
- \*Thorough and economical cleaning

Using Steam Vapour:

- \*Disinfects
- \*Destroys bacteria
- \*Neutralizes odours
- \*Is environmentally friendly

Please read this manual thoroughly and carefully. It provides important information for the safe set-up, use and maintenance of your system. You can also sign up for access to our Training and Resource site at [www.training.intersteam.com](http://www.training.intersteam.com)

If you need further information after reading this book and viewing the training video on the Resource site, feel free to contact us.



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# SAFETY INSTRUCTIONS FOR USING A STEAM VAPOUR SYSTEM

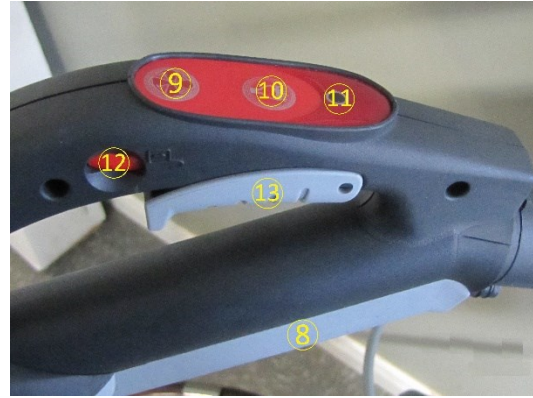
The Steam Vapour System is an electrical appliance used to generate high temperature, low moisture steam vapour which is easy to use. The system is designed to be used for sanitation and cleaning a wide variety of surface types using the heat contained within the steam vapour as the functional agent. As such, the user is required to read and understand the instructions for use as set forth in this manual, to follow accepted safety practices as with any other electrical appliance, and to read and understand the following:

1. Before connecting the machine, check that the data on the voltage rating plate are the same as the power supply. The rating plate is found on the bottom of the unit.
2. The packaging materials (box/plastic) must be kept out of the reach of children.
3. Never direct the steam ports at any body parts, person or animal, as hot steam can cause injury.
4. Never use the system for anything other than its intended use, or use attachments not recommended by the manufacturer.
5. Never use a system that is not connected to a properly grounded electrical outlet of 120 VAC, 60/50 Hertz (cps), or if the power cord is damaged in any way. Protect the power cord from rubbing against sharp objects, catching between doors and drawers or being exposed to heat, steam or oil. Always ensure the cord is in good shape prior to plugging in the unit. Any required repairs to the power cord should only be performed by Intersteam Technologies or an authorized service centre.
6. Never use a system in a wet environment, or subject the system to extreme heat or cold, or use in an area where volatile fumes may be present or immerse in any type of liquid.
7. Never attempt to continue to use a damaged or malfunctioning system. Turn "off", then unplug the system and return it to your nearest authorized service facility.
8. Never use extension cord of less than 14 gauge in size (AWG), or rated less than 15 amps, or without a proper ground connection or safety listings, or in excess of 50 feet in length. All extension cords should have safety markings (CSA/NRTL).

9. Never use the power cord or steam hose as a handle to pull or carry the system.
10. Never leave the system unattended, even for short periods, when turned “on” or plugged in to an electrical outlet.
11. Never direct steam into electrical sockets, electrical switches, or use on electronic equipment even if unplugged as steam may cause damage leading to electrical shock.
12. Never turn the unit upside down or on its side, especially when switched on.
13. Never put anything into the machine reservoir except clean, clear, potable water, as damage may occur to the system, and may put the user at risk of illness or injury; adding materials other than water will also void the warranty.
14. Never store the system where it may be exposed to severe temperature fluctuations, weather conditions or personnel traffic.
15. Always test the surface to be cleaned, as to whether high temperature of the steam will deform or damage the surface, in an inconspicuous area, particularly if the surface may be susceptible to damage from heat or moisture.
16. Always turn steam flow “off” before changing tools, accessories, brushes or bonnet towels. Steam vapour is hot and can cause burns. Insure that the accessories are properly attached before turning “on” the steam.
17. Always use caution in removing brushes or bonnet towels from tools, as they can be hot enough to cause scalding.
18. Always turn the power switch to the “off” position before unplugging the cord from the electrical socket to reduce danger of electrical shock. Never pull the power cord or the steamer to unplug the machine.
19. Always make sure the unit is unplugged and completely cold before performing the drain procedure.

Be sure that you understand and use these rules for safe and effective operation of your Steam Vapour System. This appliance must only be used for the purpose for which it was designed: a steam generator with cleaning accessories. The manufacturer or distributor may not be held liable for any damage arising from the improper, incorrect or unreasonable use of the system. We recommend that you keep this manual handy for future reference.

## Machine Description – Components and Accessories



### Machine Components

1. Carrying Handle
2. Hose Socket
3. Rear Machine Wheels
4. H.E.P.A. Filter
5. Lock/Release Handles of Recovery Tank Lid
6. Recovery Tank Lid
7. Power Cord
8. Ergonomic Grip
9. Vacuum Control Button
10. Hot Water Control Button
11. Hot Water ON/OFF LED
12. Steam Safety Lock
13. Steam Release Trigger
14. Main Power Switch with Warning Light
15. Cord Winder Support

### Controls

1. Steam Adjustment Knob
2. Vacuum Control Pedal
3. Low Vacuum Power LED
4. Mid Vacuum Power LED
5. High Vacuum Power LED
6. Steam Control Pedal
7. Steam Ready LED
8. Water Tank Low/Overfill LED
9. Low Steam Output LED
10. Hot Water Tank Cap



Includes:

3M Hose

2 Extension Tubes

Rectangle Brush with Towel

Clips and Carpet Plate

Standard Black Nozzle with

Detail Suction Adaptors

Large Triangle Nylon Nozzle  
Brush

Large Extraction Tool with 2  
Adaptors

Small Extraction Tool with 3  
Adaptors

Water Rinse/Detergent Bottle

Funnel

O-Ring Kit



## Technical Data

Certifications:

Essa – Canada and USA

TUV/GS – German Standard

CE – Europe

Class 1 against Electrical Shock

IPX4 Splash Proof against Humidity

Technical Details:

Voltage	120V, 60 Hz
Resistance Power	1750 watt
Vacuum Tank Capacity	1.6 L
Water Reservoir Capacity	1.4 L
Working Pressure	5 bar
Weight Empty	10.8 kg
Steam Temperature	150 C
Max Air Flow	22 l/s
Power Cord	4.5 m
Hose	2.2 m

# Operating Procedure



## Pre-Operation

- Open the reservoir cap located on the side and fill the tank with potable water, using the funnel supplied.
  - Use only potable water to fill reservoir. **Never put soap or any other chemical in reservoir tank, doing so will void your warranty. Do not use distilled water.**
  - When reservoir tank is full, close cap
  - Remove the recovery container and fill with potable water up to the min. level as marked. This is for removing dirt from the vacuumed air (patented water filter).
- Ensure that either the power cord on the unit or the extension cord you are using is plugged into a properly working 120V grounded outlet. If you must use an extension cord, always use a 14-3 AWG cord rated for 15 Amps. Please keep the extension cord supplied with your system designated for its use only. If you must extend a power cord longer than 50 feet, use a 12-3 AWG cord.

## Indicator Panel

- Steam Control Pedal- Turns the steam on. The low steam light will start flashing for approximately 5-7 minutes then become steady, steam is now ready. Use the Steam Release Trigger to engage steam. If the Water Tank Low light comes on simply refill the reservoir and continue steaming.
- Vacuum Control Pedal- Turns the vacuum suction on. The low and medium Vacuum power lights will come on. Adjust vacuum speed by holding the Vacuum Control Button on the hose handle until the desired power lights up.
- Pressure Control Knob- Adjusts the pressure coming from the hose.

## Steam Hose

- Lift the hose socked cover and fit in the steam hose attachment. You will hear a click. When connected properly the electronic controls on the handle will have 12V of power. DO NOT use on the high setting for periods longer than 10 minutes.
- All accessories (except nozzle brushes) may be used directly on the steam hose.

## **IMPORTANT NOTE:**

**DO NOT PULL THE STEAM GENERATOR AROUND BY OR TUG ON THE STEAM HOSE.**

**IT IS THE HEAT OF THE STEAM DOING THE WORK FOR YOU. THE HEAT IS THE SAME ON LOW, MEDIUM OR HIGH SETTING. THE DIFFERENCE IS HOW FAR THE HEAT IS PUSHED OUT AND THE MOISTURE CONTENT OF THE STEAM.**

#### **How to Set up hot water injection**

1. Open the hot water tank cap and insert the hot water tank bottle filled with tap water
2. Press the hot water control button on hose handle – the orange indicator light will light up.
3. Press the hot water control button again to turn off hot water injection
4. Machine must be heated up fully to use hot water injection mode

#### **How to clean your H.E.P.A. filter**

1. Remove the H.E.P.A. Filter from vent on side of machine
2. Shake or brush gently to remove any dirt
3. After cleaning return filter to its covering making sure the grate hooks are secure.

#### **How to clean your mesh filter**

1. Remove the mesh filter from the Recovery Tank
2. Shake or brush gently to remove any dirt Rinse well under running water
3. After cleaning return filter by lightly turning and pressing filter

#### **How to refill your Blue Evolution Revo**

You can add water to the reservoir tank anytime you wish. When the Blue Revo is low on water you will hear a chime and the “low water” light will flash. The system will automatically shut off. To add water, open the water tank cap and fill tank with water until it is full. Close cap and you may resume your cleaning task immediately.

#### **End of Operation**

- Turn off power to machine.
- Unplug unit from electrical source.
- Store in a warm place, out of traffic.

Additional operating instructions and cleaning recommendations can be found by registering your machine at [www.training.intersteam.com](http://www.training.intersteam.com)

# Warranty

This warranty applies to all Intersteam SteamKing Cleaning Systems and Steam Vacuum Systems.

## Limited Warranty (Canada)

Your product has been manufactured, tested and inspected in accordance with carefully specified engineering requirements and is warranted to be free from defects in material and workmanship in accordance with the terms and conditions set forth below:

Boiler -----3 Years  
Steam Cleaner -----1 Year  
Accessories -----6 months

If the goods are defective, Intersteam Technologies will repair or replace, at the vendor's options without charge on return to the Vendor's service centre.

Intersteam Technologies will not assume responsibility or warranty work arising from the lack of routine maintenance, from unreasonable or negligent use, improper storage or transport of the machine and components, abuse of the Steam Cleaning System, or from any accident in which the Steam Cleaning System may be involved. Routine maintenance is described as performing boiler drain procedure as recommended.

This product incorporates a boiler powered by electricity and is to be used with the electrical current as indicated on the rating plate. This Limited Warranty does not apply to product which has been subject to use on electrical current other than indicated on the rating plate. Electrical or heating element issues arising from use of unapproved or under rated extension cords or inadequate electrical supply are not covered by warranty.

This warranty does not cover any component of the system if chemicals have been introduced into the machine. Warranty does not cover wear items, specifically the drain plug, drain plug o-ring, level probe sensor and all accessory o-rings. Accessories are covered for manufacturing defect only, wear from use is exempted.

This warranty is only given to the original purchaser of the goods and is void if the goods have been used other than for the purpose for which they are intended to be used, or not used in accordance with the operating instructions supplied.

If repair is done on your equipment by anyone other than those authorized to perform such work, the manufacturer, at its sole option, may determine that the Limited Warranty will not apply and reimbursement for repair will not be made.

This warranty is void if the Vapour Cleaning System is added on to or used with other goods which may affect the integrity, performance, safety or reliability of the Vapour Cleaning System.

Intersteam Technologies reserves the right to replace defective parts only, according to its warranty if upon examination, such parts prove to be defective.

The warranty will be honoured upon satisfactory proof of purchase and proof of date of purchase.

#### Procedure to be Taken to Obtain Performance of Warranty

To secure repair or replacement of parts under this Limited Warranty, the following procedure shall be taken. The inoperative product/parts, together with satisfactory evidence of purchase date, must be delivered with shipping and delivery prepaid to one of the following:

1. The dealer from whom purchased.
2. Intersteam Technologies

**STEP ONE:** Please drain the Steam Cleaning System. The reservoir (at the top of the unit where you add water) and the Boiler (at the bottom where you perform the drain procedure) should be emptied.

**STEP TWO:** Please package your Steam Cleaning System well. The actual rule of thumb for most couriers is that the package should remain intact after a 4 foot drop. Unnecessary repair issues can occur from broken upper and lower housings, castors and shaken components inside the machine. Warranty coverage does not extend to shipping damage resulting from improper or inadequate packaging.

**STEP THREE:** Please call 800-281-4413 to arrange a return shipping waybill.

Upon compliance with the above, all warranted defects will be repaired or replaced, at no additional charge or cost to the customer, and the subject product shall be returned to the customer with shipping and Delivery charges prepaid.

When we receive the unit we will inspect it, prepare an estimate and contact you. We will never spend a dime of your money without your permission. Any parts or labour not covered by warranty will be outlined to you for your approval before proceeding.

INTERSTEAM TECHNOLOGIES DISCLAIMS ALL LIABILITIES FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES THAT MAY BE INCURRED IN CONNECTION WITH YOUR PURCHASE, USE OR INABILITY TO USE THIS PRODUCT. INTERSTEAM TECHNOLOGIES MAXIMUM LIABILITY IN ANY EVENT SHALL NOT EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL PURCHASER. THIS EXPRESS WARRANTY IS THE SOLE WARRANTY OF INTERSTEAM TECHNOLOGIES AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

## DRAIN SERVICE

**For the longest Blue Evolution Revo service life, drain the cold boiler weekly or after every 7 uses or prior to storage.**

### Procedure

- 1) Ensure steamer has cooled completely, at least 6 hours, preferably overnight.
- 2) Remove plastic drain cover.
- 3) Over sink or drain, remove the Brass drain plug using a 13mm socket wrench. Observe the water for any signs of scale or other contaminants.
- 4) After the boiler drains, approximately 2 litres, replace brass drain plug and hand tighten only with the wrench.
- 5) Refill water reservoir with tap water before plugging machine in again.

### Vinegar Treatment

If scale or contaminants are observed in the boiler drainage, treat with white vinegar. No other chemical should be used unless recommended and supplied by Intersteam Technologies. **Vinegar Treatment is not preventative maintenance and should not be performed more than 4 times per year.**

### Vinegar Treatment Procedure

- 1) Drain as the procedure above and replace the brass drain plug.
- 2) Add ¼ cup/100ml white vinegar to the water tank. Power up the Blue Revo. If low water chime sounds, add only enough water to the tank until the chime ends and to fill boiler.
- 3) Let the Blue Revo heat for 1 to 1.5 hours. Do not use the steamer during this time.
- 4) Allow the steamer to cool completely and drain and fill tank as above.
- 5) The Blue Revo is now ready for normal operation, refill tank with WATER ONLY.

**ALWAYS REMEMBER**

**WATER ONLY**

**Any other additives will void warranty**

**Call 1-800-281-4413 if additional information is required.**

# Return Policy

This policy covers all Intersteam Steam Cleaning Systems, including carts and accessories. All sales are final, governed by the following return policy where applicable.

If you are not satisfied with the performance of your steam cleaning system within one week of date of purchase, we may offer a refund, less a 15% restocking fee.

You must obtain written authorization from Intersteam prior to returning your steam cleaning system, cart or accessories. No returns will be accepted without prior written authorization. In the case of performance issues, you will be provided guidance on system operation to ensure proper operating procedure prior to return authorization. If the steam cleaning system, cart or accessories are deemed to have a manufacturing defect, a replacement item will be supplied in lieu of a refund. Normal use of accessories is included; however any unreturned accessories will be added to the restocking fee at full price.

Any returned items must be sent to Intersteam, or to the authorized dealer from which they were purchased. Please consult your independent dealer for their terms and conditions. Intersteam may not accept returned systems purchased through a reseller. All sales to distribution agents/dealers are final.

Please package all items in original packaging. This will help to minimize any potential shipping damage. Ensure all accessories are included. Please drain all water from the machine tank and boiler. Any exceptions to these instructions may result in additional charges deducted from your refund total. Machines not returned in almost new condition may be declined.

You are responsible for the shipping costs for shipping the machine both ways. Unless you provided a shipping account number, you will have been invoiced for the original shipping cost.

You will be reimbursed the original purchase price of the system, less restocking fees (including missing accessories, unnatural equipment abuse or damage and/or shipping damage resulting from the machine not being properly drained or packaged), plus taxes paid. Refunds will be issued in the manner in which the invoice was paid. If the invoice is unpaid, a credit memo and statement will be sent, at which time prompt payment is expected.

Steam Cleaning Systems and carts should be returned in their original packaging. An additional 5% will be added for units not returned in this manner.

## If I Need Help, What Do I Do?

We are pleased to provide exceptional warranty and service capabilities to our customers.

We are extremely efficient, factory trained, and dedicated to doing service on Blue Evolution Revo, so we are good at it, fast, and we keep all necessary parts in stock.

We have customers across Canada and into the U.S. and we are able to service them all. We deal with a repair immediately when it comes in, and usually complete it same day. Use of couriers speeds the process, at a reasonable cost.

If your Blue Evolution Revo is not working properly - not turning on, not heating up, not building pressure or ejecting steam at points other than the end of the hose - you may need to send it to us for repair.

PLEASE NOTE - There should NEVER be any chemical used in the Blue Revo water reservoir. Tap Water is the ONLY thing that you should put in the reservoir. Chemicals are not meant to be boiled. The end result is usually a toxic sludge that presents health concerns, damages components in your steam and vacuum system and VOIDS your Warranty.

THE MOST IMPORTANT THING you can do to prolong the life of your Blue Evolution Revo and maximize its performance is to regularly perform the Drain Procedure.

When you send us your machine you usually need only send the base unit. If you are unsure of what to send - Just ask.

STEP ONE: Please drain the machine. The reservoir (at the top of the unit where you add water) and the Boiler (at the bottom where you perform the drain procedure) should be emptied.

STEP TWO: Please package your steam cleaner well. The actual rule of thumb for most couriers is that the package should remain intact after a 4 foot drop. Unnecessary repair issues can occur from broken upper and lower housings, castors and shaken components inside the machine.

STEP THREE: Please call 800-281-4413 to arrange a shipping waybill.

Then simply call the courier to pick your shipment up.

When we receive the unit we will inspect it, prepare an estimate and call you. We will never spend a dime of your money without your permission. We normally inspect the units the day they are received. We will then call you - so please provide your contact information with your machine unless you have

called to arrange your service ahead of time. We typically perform the service within a day of receiving your permission and courier your unit back to you - good as new.

If you have questions about our service department, policies or procedure, please call 1-800-281-4413 or email [sean@intersteam.com](mailto:sean@intersteam.com)

## Disclaimer

These instructions contain information needed for the correct use, safe handling and correct maintenance of the Blue Revo Vapour Cleaning System. Familiarization with and observance of these instructions lead to the safe and proper use of this machine. These instructions cannot cover all possible uses of the system. For any further information please contact Intersteam Technologies. All legal obligations of Intersteam Technologies are based on the terms of sale which also contains the full and exclusive terms and conditions of the warranty. These instructions do not limit or extend the conditions of the warranty. The instructions contain information protected by copyright and may not be reproduced in any way or translated into any other language without the prior written authorization of Intersteam Technologies.



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