

CE

**Discovery**  
STEAM



**USER MANUAL**



**Read carefully these instructions before using the machine.**

## NOTE

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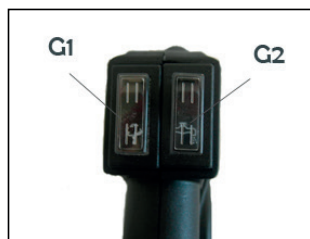
# 1. Description of the appliance

## APPLIANCE

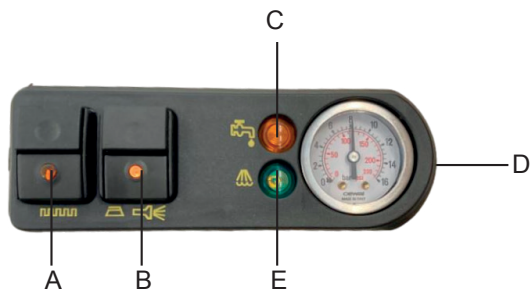
1. Water Canister 2lt. (fills the boiler)
2. Handle (for transportation)
3. Steam Output Regulator \*
4. Control Panel \*\*
5. System Socket
6. Detergent Canister 2lt.
7. Detergent Output Regulator

## GRIP/HANDLE & FUNCTIONS

- G1. Steam Output ON/OFF
- G2. Detergent Output ON/OFF
- G3. Trigger Steam  
Detergent Output



## CONTROL PANEL



- A. ON/OFF Switch
- B. Iron or boiler  
ON/OFF Switch
- C. Low water boiler LED
- D. Pressure gauge
- E. Boiler ready Led

# 11. Information for users

According to Directives 2011/65/EU and 2012/19/EU on the reduced use of hazardous substances in electrical and electronic equipment, and their disposal, the barred bin symbol means that at the end of its useful life the product must be disposed of separately from ordinary waste.



The user must therefore take such equipment to proper collection centres for electrical and electronic waste, or take it back to the dealer when he buys some equivalent equipment, in the ratio of 1:1.

A suitably differentiated waste collection, followed by recycling, treatment and environmentally friendly disposal helps prevent negative effects on health and the environment and favours the recycling of materials.

Any unauthorized equipment disposal by the user will be subject to sanctions as provided for by current local regulations.

## 10. Note

The Discovery steam comes with a dedicated trolley for ease of use, see picture below!



To position the Discovery Steam in the trolley, the wheels must be directed as shown in the picture!



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## 2. Description of Accessories



- |  |                              |
|--|------------------------------|
| 8. Hose with multifunction Grip/Handle | 16. Dress-fit L=100 1 hole   |
| 9. 2 Extension tubes                   | 17. Dress-fit L=250 1 hole   |
| 10. Rectangular brush                  | 18. Round brush (nylon)      |
| 11. Triangular brush with joint        | 19. Triangular brush (nylon) |
| 12. Small round brush (nylon)          | 20. Window cleaner           |
| 13. Small round brush (brass)          | 21. Funnel                   |
| 14. Small round brush (inox)           | 22. Microfiber cloth 60x40   |
| 15. Dress-fit 3 hole                   |                              |

**ACCESSORY MAY BE OPTIONAL**

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### 3. Precautions of use

1. Carefully read the instructions contained in this handbook because they provide important information concerning use and maintenance.
2. After removing the packing, check the good condition of the generator, paying attention to the generator casing and the iron.
3. Dispose of the packing plastic bags, as children could use them for their games and be suffocated.
4. In case of doubt, do not use the appliance; contact qualified personnel.
5. Before connecting the appliance, make sure the dataplate specifications comply with those of your electrical system. The electrical dataplate is located on the bottom of the generator.
6. In case of incompatibility between the socket and the generator plug, have the socket replaced with another of suitable type by qualified personnel; the latter must also make sure that the section of the cables contained in the socket is suitable for the power absorbed by the generator.
7. In general it is inadvisable to use adapters, multiple sockets and/or extensions: whenever their use is indispensable, only use single adapters or multiple adapters and extensions complying with current safety standards.
8. Do not use the generator if the cord or plug are damaged. Do not use the generator after any anomalous functioning. In this case, switch it off, without tampering with it. For possible cable replacement or repair, see an Authorized Technical Assistance Centre.
9. If the generator is dropped or tips over, immediately switch it off and disconnect the power plug.
10. This generator must only be used for the purpose for which it is expressly designed, i.e. for household cleaning. Any other use is deemed improper and therefore dangerous. The manufacturer cannot be held responsible for any damage due to improper, correct or unreasonable use.
11. Do not use the appliance in the presence of explosives, highly flammable substances, gas or flames.
12. Never leave the generator unattended in the presence of children.
13. Do not let children or incompetent persons use the appliance unless adequately supervised.
14. Disconnect the plug from the socket when the appliance is not being used, before filling or emptying the tank or before any cleaning or maintenance operation.
15. When deciding to no longer use this appliance, make sure to render it unusable. After removing the plug from the socket, cut off the power cord! Also make sure to render harmless all those parts that could constitute a potential danger, especially for children, who could use the unserviceable appliance for their games.



**WARNING! Danger of scalding. Never direct the hot steam jet at persons, animals, power outlets, electrical appliances or for cleaning the appliance.**

### 9. Technical specifications

Voltage	120 V - 60Hz
Power consumption	1800W
Boiler Volume	1,8 Litres – 0,47 Gal
Operating pressure (max)	8 BAR (800 kPa) – 116 Psi
Steam temperature (max)	171° C – 340° F
Weight	9kg

## 8. General Maintenance

To ensure the longevity of your steam cleaner we recommend decalcifying the boiler at least every 2 or 3 month, but monthly if the water is very calcareous or the device is heavily used.

Proceed as follows: Open the boiler drainage plug on the bottom of the machine and empty the boiler (machine must be cold). Fill 2 litres of water mixed with commercial descaler and close the plug. Heat up for 3 minutes and then turn off. Unplug and shake the machine so that it splashes throughout the boiler and then leave the device alone for several hours or over night. Now, open the drainage plug, empty the boiler and flush through with plenty of plain tap water. Close the drain and fill the boiler according to the normal instructions. Done!

Keep your machine clean, especially your control panel and grip.

Always check to make sure that the power cord and your steam hose are in perfect condition, if not, have them repaired or exchanged by your authorized service center. If your device has a pressure gauge and the gauge does not work anymore, have it replaced.

Boiler fails to heat up	Device not plugged in Button A and/or B not pressed. Boiler empty	Plug into mains Press button A & B Fill water canister & boiler
Yellow LED A4 on	Low water level	Fill water canister
No steam or only water coming out	Boiler not ready yet, green LED is blinking. Boiler overfilled.	Wait for steady green LED Press trigger G3 until only steam exits.



Never attempt to repair the device by yourself or to have it repaired by unauthorized personnel, you might be injured and/or your guaranty would be void.

## 4. Grounding instructions

### WARNING!

Your Vapor Cleaning System **MUST BE PLUGGED INTO A GROUNDED OUTLET**, or electrical shock can occur. Check with a qualified electrician if you do not know if the outlet is grounded.

Do not modify the plug provided with the discovery steam, if it will not fit outlet, than have a proper outlet installed by a qualified electrician.

### NOTE:

In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code.

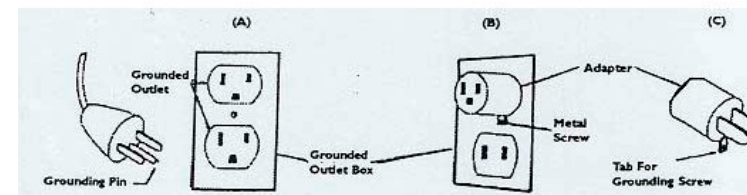
### NOTE:

In the event that an extension cord is used with this System, it must be a minimum of 14 gauge, 3 wire, grounded, SJ quality, 60 degree C.

### THIS UNIT MUST BE GROUNDED

If the unit should malfunction or break down, grounding provides a path of least resistance of electrical. Current to reduce the risk of electrical shock. The unit is equipped with a cord having an equipment grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly grounded in accordance with all local codes and ordinances.

WARNING - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provide with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician. This unit is designed for use with a normal 110/120 volt circuit, and has a grounded plug that looks like the Plug illustrated in sketch (A). A temporary adaptor that looks like the one illustrated in sketch (B) or (C) May be used to connect the plug to a 2 pole receptable as shown in sketch (B) if a properly grounded outlet is not available. The temporary adapter should only be used until a properly grounded outlet sketch (A) can be installed by a qualified electrician. Whenever the adapter is used, it must be held in place by a metal screw.





## 5. Getting started

Fill up the water canister (1) with 2lt of tap water (during first use please repeat this procedure until the boiler is full and then refill the canister). The canister can be removed for filling by unplugging the colour coded hoses on the chassis. Please be sure to connect these correctly afterwards with the matching colour codes. Insert the hose into the System Socket (5) until you hear a click (To remove pull up the socket lid and press the button, then pull out the plug). Connect the cable to the mains (120V and make sure that the voltage is the same as on the label beneath the appliance. Press first the ON/OFF switch (A) and then the boiler ON/OFF switch (B) and the green LED (E) starts to blink (the pump filling the boiler from the water canister may also run). When the green LED (E) stops blinking and remains steadily green, the device is ready for use.

Only the high volume steam output can be regulated using the regulator knob (3). With the knob (7) you can adjust the detergent output.

Now press the Steam.

Output button (G1) on the Grip and then press the trigger (G3) for steam output. At first you will have squirting hot water coming out, but this is normal. As soon as you start working with the machine, the green LED (E) starts blinking to signal that the heating coils are on and maintain-ing pressure in the boiler. When the water level in the canister gets low, the orange LED (C) will turn on and an acoustic signal will be heard to let you know that water in the boiler is running low. Fill up your water canister, let the machine

refill the boiler and wait for the green LED (E) to go steady and you ready to continue working. Steam output regulation is possible (high output only). To vary the steam output manually, turn the Steam regulator knob (3) +/- to the desired amount of steam you need.

To use the detergent function you need have purchased a specific detergent and prepared the canister (6) with water and detergent mixed according to the instructions on the product label of the detergent. Activate button (G2) on the Grip and the detergent will automatically be added to the steam prior to entering the hose when you press the trigger (G3). You can also use this feature to have a very wet steam if such should be needed, without any added detergent.

The water in the detergent canister is then simply added to the steam for a very high moisture content and a temperature of just above 100°C.

## 7. Use of the accessories

### Extension tubes (9)

With these accessories, combined with the flexible tube, it is possible to clean floors, in combination with the brushes and with the other accessories, on high or hard to reach surfaces, cupboards, doors, stairs, etc. Caution: after several minutes use, these accessories can scald, therefore it is advisable to wait a few minutes before detaching them.

### Rectangular brush (10)

Used to clean hard floors, or for cleaning floors or surfaces in wooden, parquet, carpets and mats. For cleaning delicate floors, it is advisable to wrap the brush with the cloth supplied or a rag, fixing it to the brush with the handy clips. (22)

To clean carpets and mats, it is advisable to insert the bristle cover accessory for sliding on the surfaces to be treated without ruining the fibres; spray the steam carefully with a weak jet, then clean with the brush wrapped with the rag.

For stubborn dirt or residuals of previously used deteratives, several treatments will be necessary in order to obtain a satisfactory and even result.

For the subsequent treatment, repeat the procedure using a dry rag wrapped on the brush.

### Triangular brush with joint (11)

The same use as the rectangular brush, where the use of the latter is inconvenient.

### Dress-fit (15-16-17) + special brushes (12-13-14-18-19)

This accessory can be used individually, or in combination with the brushes and which fit on the Dress fit. It is used for cleaning all those areas that cannot be reached with other accessories.

This accessory is particularly recommended for removing dirt and grease from:

- joints on work surfaces, join grooves or cracks
- oven hoods or glass
- steel or enamelled sinks
- wash-basins, bathtubs, bidets, WCs, showers, taps
- doors, windows and stairs

### Window cleaner (20)

This accessory is useful for cleaning windows or smooth surfaces such as bathroom tiles, shower panels, etc.