

## User Manual

# BlueEvolution S<sup>+</sup>

CE



COD. 10161108281

### **i** INFO:

To ensure that your cleaning equipment can continue to operate reliably and smoothly, please change the O-rings approx. every 6 months.

See: Service/Maintenance Section 3



## The revolution in commercial cleaning

DICHIARAZIONE DI CONFORMITA' CE  
CE DECLARATION OF CONFORMITY

Il sottoscritto, rappresentante il seguente costruttore  
*The undersigned, representative of the following manufacturer*

[costruttore] T.P.A. IMPEX S.p.A.  
[indirizzo] Piazzetta Albere, 3/4 ,Fellette di Romano d'Ezzelino-VI (ITALIA)

DICHIARA che l'apparecchiatura descritta in appresso:  
*DECLARES that the product:*

Descrizione <i>Description</i>	STEAM AND VACUUM CLEANER
Modello <i>Model</i>	BLUE EVOLUTION S+ ( MINIVAP UV )

è conforme alle disposizioni legislative che traspongono le seguenti direttive:

- direttiva 2014/30/UE (Direttiva EMC)
- direttiva 2006/42/CE (Direttiva macchine)
- direttiva 2011/65/UE (Direttiva RoHS)

is in accordance with the following Directives:

- 2014/30 EU Directive (EMC Directive)
- 2006/42 EC Directive (Machinery Directive)
- 2011/65/UE RoHS Directive

e che sono state applicate tutte le norme e/o specifiche tecniche di seguito indicate  
*and that all the following standards have been applied*

EN 60335-2-69:2012, EN 60335-2-79:2012  
used in conjunction with EN 60335-1:2012+A11:2014  
EN 62233 :2008

EN 55014-2 :2015  
EN 61000-3-2 :2014  
EN 61000-3-3 :2013  
EN 50581 :2012

Ultime due cifre dell'anno in cui è affissa la marcatura CE      '17  
Last two figures of the year of the CE marking

Luogo      Romano d'Ezzelino  
*Place*

Data      10.02.2017  
*Date*

T.P.A. IMPEX S.p.A.  
Piazzetta Albere, 3-4 - Tel. 0424.852777  
37060 ROMANO D' EZZELINO (VI)  
P.I. e Reg. Imp. di Vi n. 01888190244

Firma        
*Sign*  
(nome e funzione) Tosin Cristiano ( Certification Handler)

The BlueEvolution is more flexible than any other professional steam cleaner. Both the steam and suction power have 3 settings. You can also regulate the hot water inflow continuously using a control valve, which allows you to set the soaking effect on the device individually.

Full power for a greater clean.  
Kind to the environment.

The BlueEvolution is kinder to the environment than almost any other cleaning system. It is only filled with clear water and minimises water consumption thanks to the steam pressure. There is no need for any harmful or really aggressive chemicals.

The applications of the BlueEvolution are practically limitless. The BlueEvolution really comes into its own in areas of high public traffic. Even large areas can be cleaned efficiently and quickly with little effort. Pathogens don't stand a chance!

Make steam  
Cleaning revolution for all industries

## From carpets to upholstery

The BlueEvolution cleans almost any surface – streak-free and deep.



## Clean desks

Door handles, conference tables, floors, kitchen areas – the BlueEvolution guarantees a clean, germ-free work environment.



## Gleaming sales areas

Tough dirt and odours vanish in no time at all.



## Hygienic surfaces

The hot steam thoroughly cleans your practice rooms with little effort and a big impact for your patients.



## No scrubbing, no chemicals

The BlueEvolution also dissolves fat in hard-to-reach places – with no strong cleaning products.



## Gyms, saunas and spas

It's good for people to sweat. And thanks to the BlueEvolution it's no longer a problem for others. All equipment and contact surfaces can be cleaned perfectly.

And many more possibilities for use ...

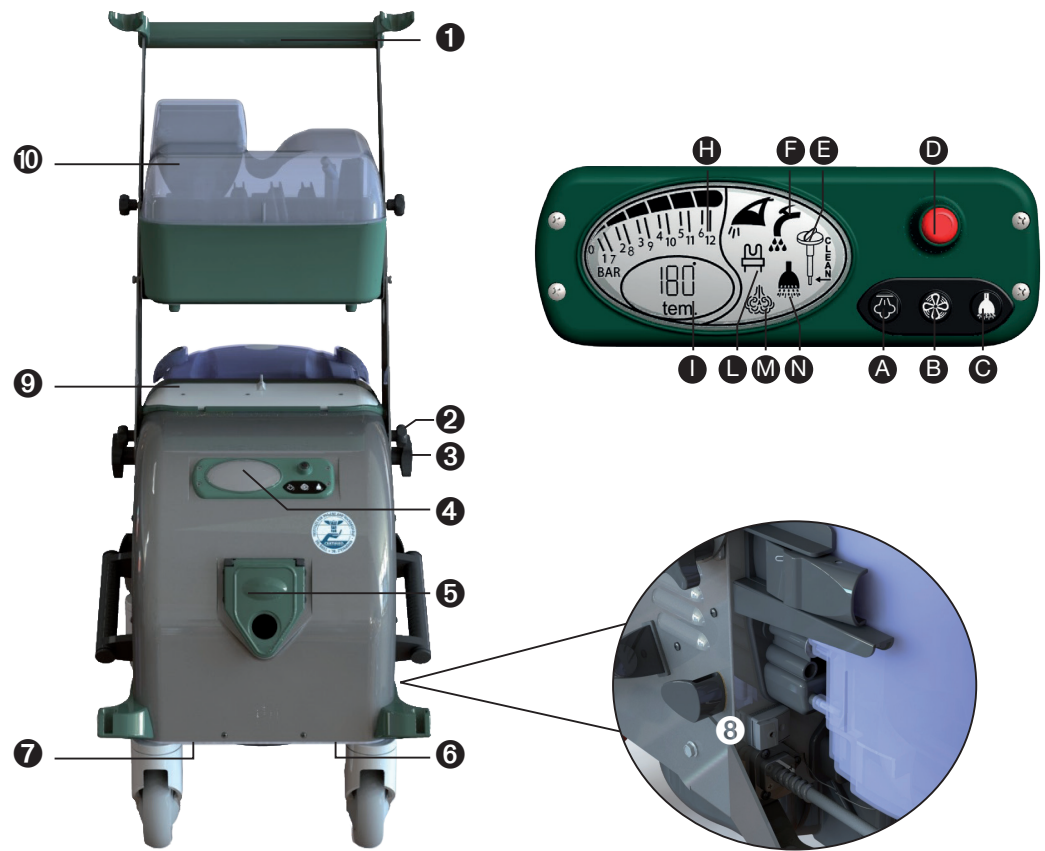
HACCP qualification certifies the highest cleaning power



### Description of equipment

- 1 Driving handle
- 2 Locking screw driving handle
- 3 Locking lever driving handle
- 4 Display
- 5 Socket steam suction hose
- 6 Drain plug water tank
- 7 Drain plug hot water module
- 8 Main switch
- 9 Filler holes
- 10 Accessories box

- A ON/OFF button boiler
- B ON/OFF button suction
- C ON/OFF button hot water module
- D Led suction mode
- E Service indicator - descaling
- F Indicator water low
- H Display operating pressure
- I Operating temperature symbol
- L Heating symbol
- M Steam symbol
- N Hot water/detergent module



### 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.

## Important Advice for Users

## Care of accessories

It is essential to clean accessory parts after use to maintain the performance and functionality of the appliance. Te connections on the extension pipes and the safety handle can be sprayed with a suitable lubricant or silicone spray as required. This will make it easier to change accessory parts.

## Checking the O-rings

To avoid damage to the appliance or accessories, the O-rings on the safety handle and the extension pipes must be checked regularly for damage. The O-rings will last longer if they are coated regularly with a lubricant/ silicone spray or a non-acidic grease.

## Checking the O-rings

<p>Pos. (1) Pos. (2)</p>	<p>Check the O-rings on the safety handle for damage:</p> <p>Pos.(1): 1 O-ring on the suction pipe</p> <p>Pos.(2): 2 O-rings on the steam spout</p>
<p>Pos. (3)</p>	<p>Check the O-rings on the connector for damage:</p> <p>Pos(3): 2 O-rings on the brass spout</p>

## Checking O-rings on the extension pipes

<p>Pos. (4) Pos. (5)</p>	<p>Check the O-rings on all extension pipes for damage:</p> <p>Pos.(4): 1: O-ring on the suction pipe</p> <p>Pos.(5): 2 O-rings on the steam spout</p>
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Congratulations on the purchase of this product.

Your choice confirms your strong technical knowledge and your excellent taste. Ultimately, you have chosen a high-tech product, which has been manufactured using only materials of the highest quality.

Please take the time to read the User Manual carefully before starting your new appliance and keep the Manual to hand so that you can refer to it in the future.

This Manual contains the information you need for proper use, correct operation, appropriate cleaning, care and maintenance of the appliance.

It is essential that you are familiar with and follow the instructions in the Manual to ensure risk-free use, as well as your own safety during operation, cleaning, care and maintenance. This User Manual cannot foresee every conceivable use of the appliance.

If you would like more information or if specific problems arise that are not covered in sufficient detail in this User Manual, then please contact the manufacturer directly to request the necessary information.

## 1. Description of equipment

The BlueEvolution impresses thanks to its ease of use, sophisticated technology and diverse range of applications. It sets new standards in terms of hygiene and cleaning, makes the job much easier and saves time, drastically reduces the use of harmful cleaning agents that are bad for the environment, and ensures perfect cleanliness and a healthy feel-good ambience.

## 2. Purpose of use

The BlueEvolution can be used for thorough cleaning of surfaces and objects and to clear unpleasant odours from the air indoors.

## 3. Safety instructions

3.1 Safety warnings for the UV-C lamp 

**Warning!** This appliance contains a UV emitter. Do not look directly into the source of light.

**Warning!** Do not switch on the UV light if it is outside the appliance's protective housing. The appliance may emit harmful UV-C radiation if not used properly. Even small doses of UV-C radiation may cause damage to eyes and skin. Users are NOT permitted to replace the UV-C lamp.

## 3.2 Warnings

- The appliance may only be operated by people who are familiar with its use. Remember that the steam jet may cause damage if used incorrectly.
- The appliance must not be used by children. Children do not understand the risks that may arise when dealing with electrical equipment and, therefore, children must never be left unattended with such equipment.
- Never use a faulty appliance or an appliance with a damaged power cable.
- Do not put cleaning agents, perfume or other chemical substances into the tank.
- **Warning!** Do not suction flammable or explosive substances or hot ash!
- Never immerse the appliance in water or other liquids. Never spray the appliance with water.
- **Never touch the steam jet. Risk of burning!**
- **Never aim the steam jet at people or animals. Nor at electrical sockets, connections or equipment. Risk of burning!**
- Do not use the appliance if other people are present in the working area.
- Refrain from any unsafe working methods.
- Do not use the steam jet for direct cleaning of electronic equipment (e.g. computers, televisions, telephones etc.).

- Before cleaning ovens, fridges etc. always disconnect the power first to ensure these are switched off. You must follow the manufacturers' specific instructions.

- **Warning!** The appliance may not be used to clean items that contain asbestos or other harmful substances.

- **Caution!** In the following instances steam may not be used or may only be used with the greatest care: on objects made from leather, Alcantara, velours or other sensitive materials, on waxed or painted surfaces, polished wood surfaces and for direct contact with bonding agents or silicone. Please always follow the manufacturer's instructions. For sensitive materials carry out a test first on a sample or on an inconspicuous, concealed area. Always start on the lowest setting. Pre-heat windows or other glass surfaces with a low steam setting from a distance of approx. 30 cm and clean in combination with suction.

## 3.3 Precautionary measures

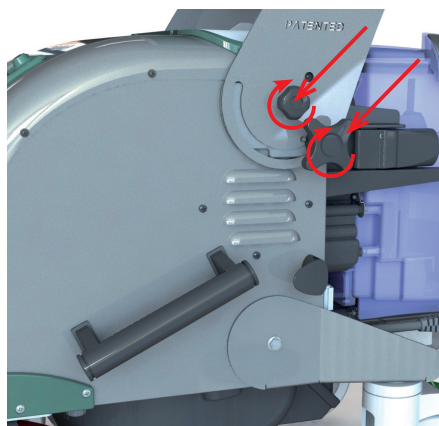
- Operation of the appliance is subject to national regulations.
- Always ensure the appliance is in proper working order before starting up.
- Perform regular checks on the power cable, plug and steam suction hose for damage or signs of wear.
- Do not start the appliance if the steam suction hose or power cable are damaged.
- Place the appliance on a stable and level surface. Never place it on warm or hot surfaces. Choose somewhere that is not accessible to children or pets.
- Do not position the appliance in direct proximity to heat sources (fires, heaters or other heat-emitting objects).
- Position the appliance somewhere with good air circulation to prevent overheating.
- Never expose the appliance to the weather (rain, snow, frost etc.).
- Never touch the appliance, plug or electrical cables with wet hands or feet.
- Do not bend, squeeze or run over the steam suction hose.
- Never pull on the power cable or on the appliance itself when disconnecting the mains plug.
- Protect the power cable from heat sources, steam and oil, and from damage by avoiding pulling, squeezing or running over the cable.
- Never leave the appliance unattended when it is connected to the mains.
- To prevent unauthorised use of the appliance, ensure all switches are off and the power is disconnected during breaks.
- Always disconnect from the mains before cleaning and maintenance work.
- Only perform maintenance work that is described in the User Manual. Only use original spare parts and accessories.
- Do not undertake any technical modifications on the appliance.
- Never repair or open the appliance yourself. Repairs may only be performed by authorised personnel.
- Take the appropriate precautions when using acidic descaling agents. Protect sensitive surfaces, especially natural stone and wood, from spray and droplets.
- Some drops of condensation may form at the start of steam cleaning – wipe these up with a cloth.

**i INFO:** To minimise the occurrence of condensation (caused when the steam hose and attachments are not at operating temperature) it is recommended that you allow the steam to flow for a few seconds on the maximum setting before starting the cleaning work. This ensures the steam hose and attachments heat up more quickly.

## Assembly / preparation

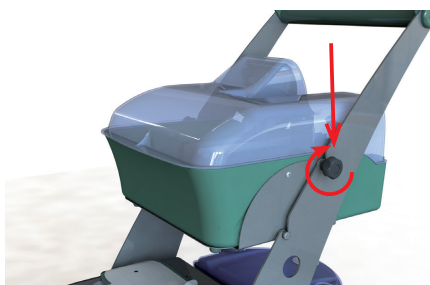
### Assembly of the driving handle and accessories box

Attach the handle using the two fixing knobs. Tighten them by turning clockwise.



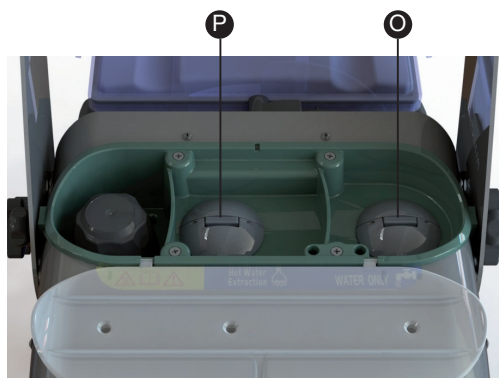
### Insert the accessories box

Position the box in its place. Fix the two knob.



### Fill the reservoir **○** Fill the hot water module **●**

- Open the cap **○** and fill the water tank with normal tap water using the funnel.
- Re-close the tank cap.
- Fill the tank **●** for the hot water module, likewise with normal tap water. If your water is particularly hard, you may also use distilled water mixed with tap water in this tank.



- Re-close the tank cap.

### The following combined functions are possible depending on the application area:

- Steam cleaning
- Steam cleaning with hot water
- Suction
- Suction and steam cleaning (steam suction)
- Suction and steam cleaning with hot water function

## Maintenance / cleaning

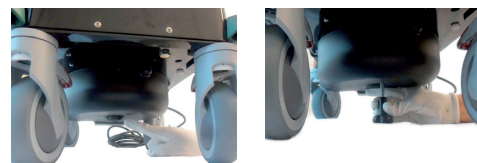
### Exhaust filter (polyester) cleaning and maintenance (optional)

We recommend that you clean the washable polyester filter if you notice a reduction in the suction performance. You should inspect the filter once a month in order to keep it always clean and ready for maximum performance.

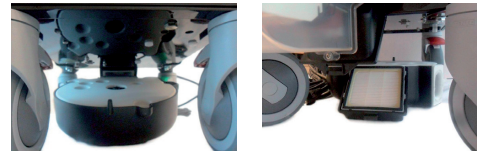
To inspect the filter, proceed as follows:

Access the sound-proofing casing positioned below the machine (fig. 14).

Loosen the central fixing screw (fig. 15).



Remove the casing from its seat (fig. 17).



Take the polyester exhaust filter and clean it under cold running water to remove any residue. Allow the filter to air-dry.

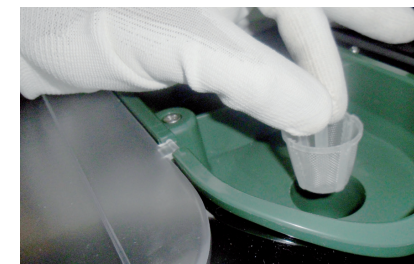
Put the filter back into place, the sound-proofing casing back into its seat, and tighten the fixing screws.

If, after long periods of use, the filter is torn or damaged replace it with a new filter (only available from our authorised customer care centres).

### **! WARNING:** Cleaning the filter

Both reservoirs are protected from contamination by a filter.

If you need to clean the filters, rinse them thoroughly with plenty of hot water and a neutral cleaning agent.



Assembly / preparation

# Service/Maintenance Part 3

*Polyester-filter (optional); water filter and O-rings*

### Filling the filter bowl

Your appliance is fitted with a hygienic water filter. You must fill the filter bowl with water before starting, in order to bind the extracted dirt in the water and to clean the suctioned air in the water bath as well.

- Loosen the clips on the right and left of the filter bowl and remove from its slot.



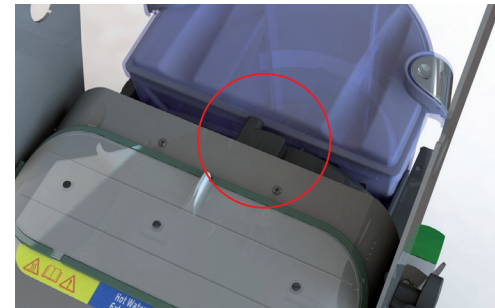
- Open the cover on the filter bowl by pushing off the relevant clips.



- Fill with tap water up to the green line (approx. 2.0 litres).



- Re-insert the filter bowl, ensuring the switch cam on the cover is in the correct position.



**! WARNING:**

The appliance can suck in up to approx. 1.5 litres of liquid. If you exceed this amount, the fill level sensor will stop suction automatically and LED **D** (page 2) on the display will flash.

**i INFO:**

If you only wish to suction liquid, such as accidental water spills, it is not necessary to fill the appliance's filter bowl with water.

When sucking liquids, the MAX. capacity in the container is approx. 4 litres.

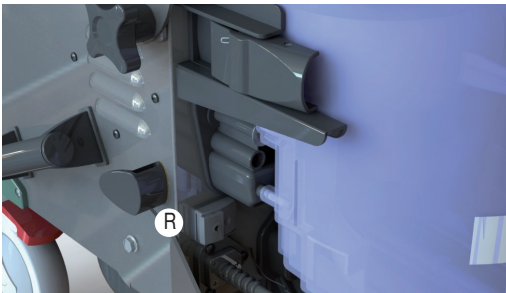
### Inserting the steam suction hose

- Insert the connector of the steam suction hose into the socket until you hear the click of the safety hook.
- To remove the hose from the appliance, press release button **A** and pull on the connector.

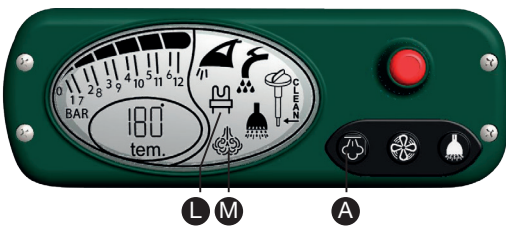


### Start-up steam

Insert the plug into the mains socket.  
Turn the main switch to the ON position **R**.



The display turns on and there is power.  
The display goes to OFF. (Standby)



Press button **A** on the display. The appliance switches on and begins to heat.  
The symbol **L** for heating flashes on the display during the heat-up phase (approx. 5 minutes).  
The symbol stops flashing once the temperature is reached. You can now use the steam function.

**i INFO:**  
The heating symbol flashes during operation to indicate that the appliance is reheating to deliver sufficient pressure and temperature.

### Switching off the appliance

Press button **A** to switch off the appliance. The appliance switches off after approx. 10 seconds. OFF is shown on the display. (Standby)

### Steam function

Hold down steam lever **P** on the handle to emit steam.



**! WARNING:**  
Water droplets may occur on first use, which may be due to incomplete heat stabilisation in the housing. For this reason, we recommend aiming the first steam jet at a cloth until an even flow of steam is achieved.


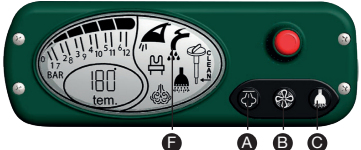
**i INFO:**  
For sensitive materials carry out a test first on a sample or on an inconspicuous, concealed area.

### 4. Re-assembly

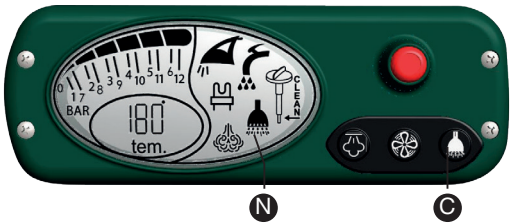
<p>a)</p> <p>Reservoir only water</p>	<p>Close the boiler drainage outlet (<b>do not screw too tight</b>), fill the reservoir with clean water and then press button A to start working normally.</p> <p>NOTE: If there is no water in the reservoir during the descaling programme, the machine will automatically pause. To restart, fill the reservoir up to the level and press the A button.</p>
<p>b)</p> <p>Polyester - filter (optional)</p>	<p>Insert the Polyester filter (U) (optional) at the back of the soundproofing casing. Attach the housing to the appliance and re-secure using the central fixing screw.</p>
<p>c)</p>	<p>PLEASE NOTE! When, for the first time, you turn the device on once more, the minimum water level must be restored inside the boiler. Press button A on the control panel and execute three/four full water-filling cycles to restore normal functional conditions of the device.</p> <p>N.B.!: On using the machine for the first time after this operation, discharge some of the steam onto a rag. Discharge repeatedly so that no descaling solution remains in the steam circuit.</p> <p>The machine is now ready for use once more!</p> <p><b>i INFO:</b> The boiler must be refilled back to the minimum fill level following descaling. It may be necessary to press button (A) on the display several times until this is done.</p>



### 3. Rinsing

<p>a)</p> 	<p>Screw the boiler drainage outlet cap back on (do not screw too tight) and fill the reservoir (O) with clean water, then press key A to start the first cycle, which will last 9 minutes.</p> <p>After 9 minutes, the machine will emit a double beep with warning signal. When E13 shows on the display, the boiler and the reservoir (O) previously filled must be emptied.</p>
<p>b)</p> 	<p>b) Screw the boiler drainage outlet cap back on (do not screw too tight) and fill the reservoir with clean water, then press key A to start the second cycle, which will last 9 minutes.</p> <p>After 9 minutes, the machine will emit a double beep with warning signal. When E13 shows on the display, the boiler and the reservoir (O) previously filled must be emptied.</p>

### Start-up steam with hot water module



The soaking effect and, thus, cleaning performance can be increased for heavy soiling by switching the hot water module to steam.

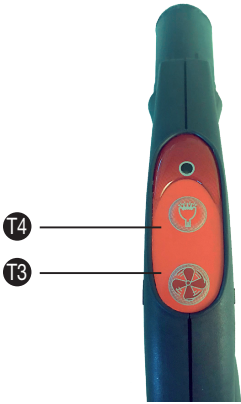
**i** INFO:

Do not use on sensitive surfaces or materials.

#### Switching on "hot water module"

Pressing button T4 on the handle for the hot water module switches the function on and symbol N on the display stays illuminated.

Always use button T4 on the handle to switch the hot water module on and off.



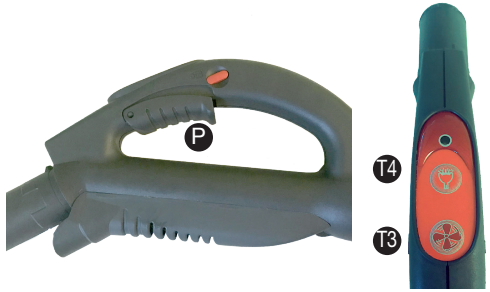
The "hot water module" flow-through can be adjusted, by pressing the button C in three steps. This is indicated by LO-ME-HI.

### Start-up suction



#### Suction

Press button B on the display to activate suction. LED D for suction turns red. (Suction mode 3 = max.) Press button T3 on the handle to switch on suction.



Press and hold the B button on the console to change the suction setting.

- MIN = LED D turns green
- MED = LED D turns orange
- MAX = LED D turns red

Press button T3 on the handle to turn off the suction.

**i** INFO:

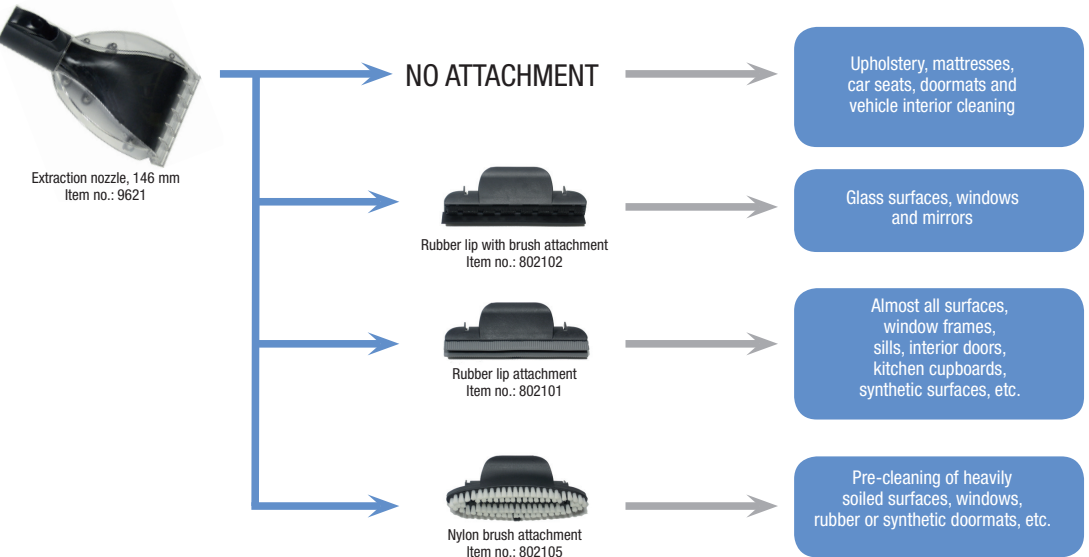
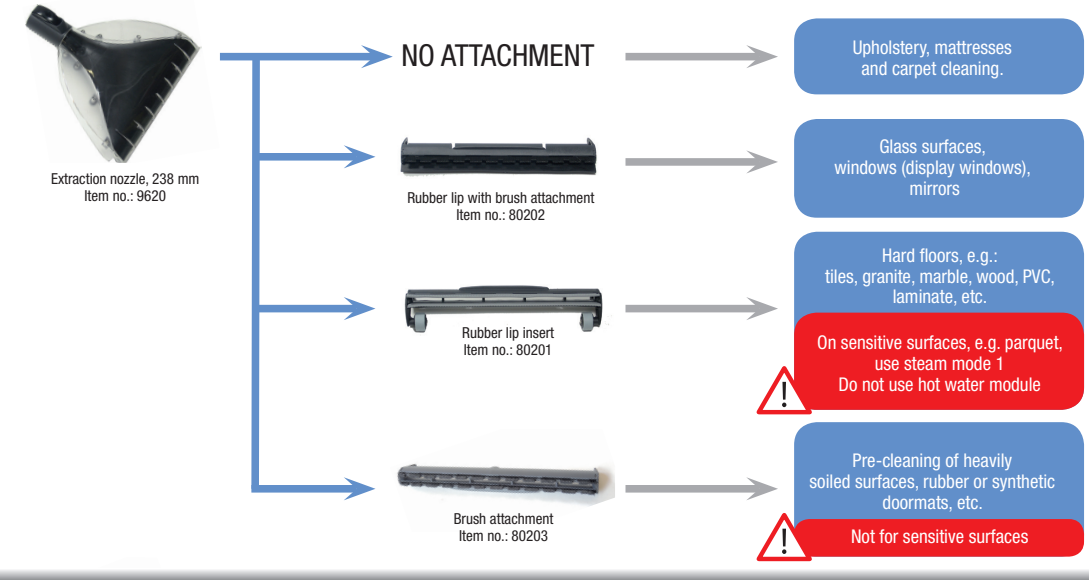
As there is liquid in the hose and in the extension pipes during suction operation, the sucker should not disconnected immediately after cleaning finishes.

A short delay (approx. 30 seconds) is required.

**! WARNING:** You must perform steps 3a - 3b twice to rinse out the final residue of limescale and descaler.

## Standard accessories and use

## Boiler descaling / step 2



## 2. Descaling

<p>a) Cap (O) Fig. B</p>	<p>Mix 0.5 liters of descaler (Fig. B) and 0.5 liters of tap water in a dosing bottle.</p> <p>Open the water cap (O) and pour the mixture.</p>
<p>b)</p>	<p>When the machine is switched OFF, press and hold down the A-B-C buttons on the control panel and switch the appliance on by turning the main switch ON.</p> <p>If the boiler temperature is above 50°C, the CLN wash will not start, and an E12 error message will appear on the display.</p>
<p><b>WARNING:</b> Working time approx. 20 minutes</p>	
<p>c)</p>	<p>If the machine is cold, the system will begin the first wash, which will last 20 minutes, and CLN will appear on the display.</p> <p>After 20 minutes, the machine will emit a double beep, and the warning signal E13 will appear on the display; and at this point, the boiler must be drained (unscrew the drainage cap under the machine), as well as the water tank previously loaded.</p>


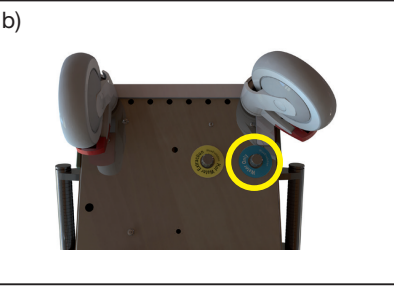
**WARNING:** Descaler residue can be harmful to health and damage surfaces. Wipe up drops immediately. Read the information on the descaler packaging and follow the safety instructions.

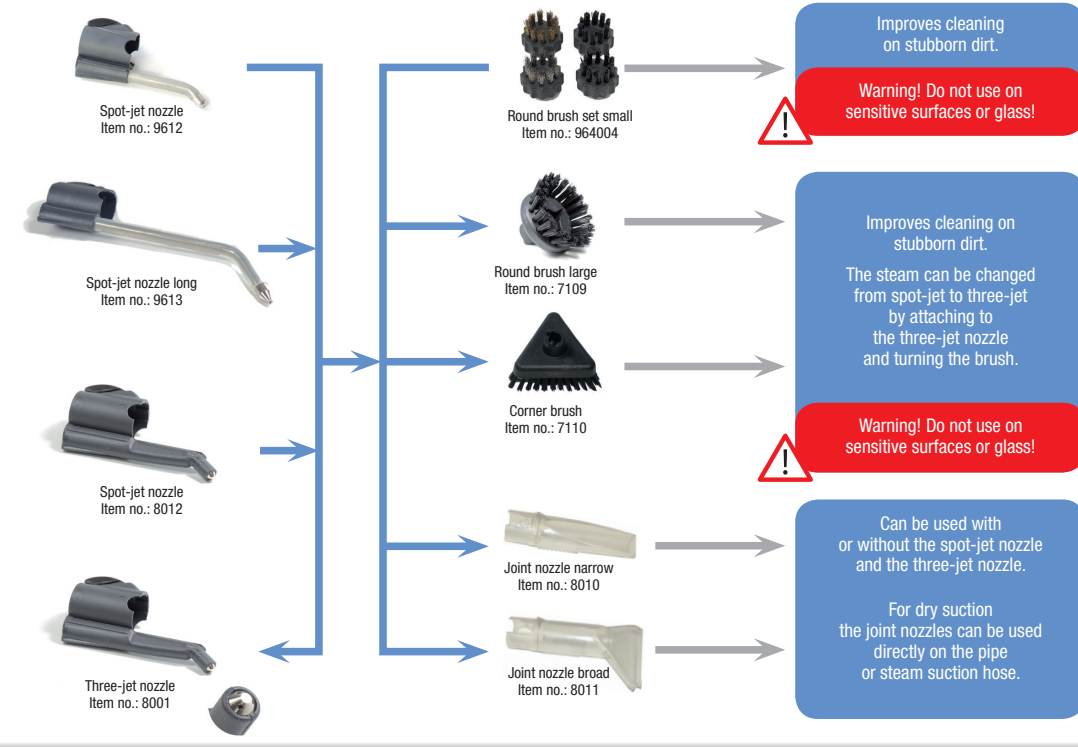
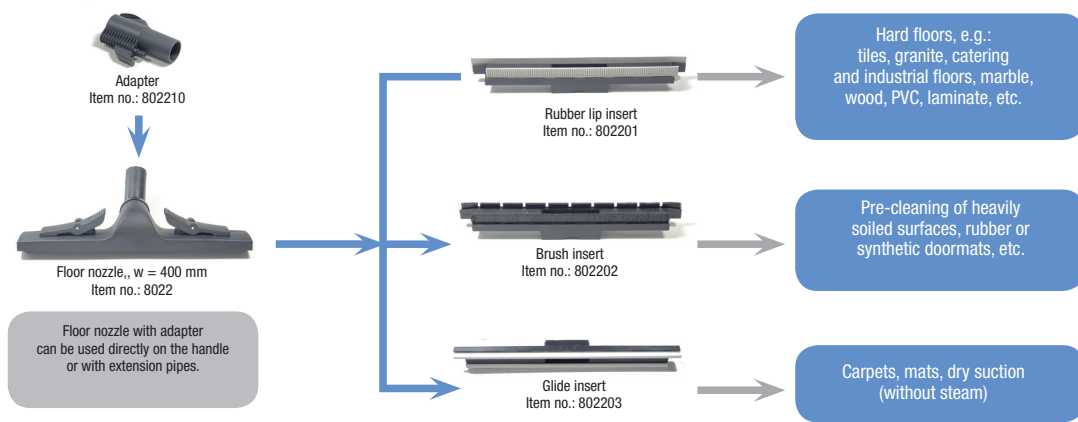
## Boiler descaling / step 1

## Standard accessories and use

### 1. Preparation

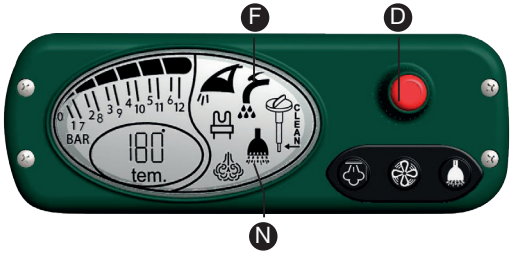
**Warning:** Before starting, disconnect from the main power by pulling out off the plug.

<p>a)</p> 	<p>Remove the sound-proofing casing on the underside of the appliance. To remove, loosen the middle fixing screw by hand, which will enable you to fold down, detach and remove the sound-proofing casing.</p>
<p>b)</p> 	<p>Place a suitable container under the appliance and open the drain plug by turning it to the left with the included Inbus key (label blue ring "Water Only"). Drain the reservoir and then screw the drain plug back in and tighten slightly (<b>Do not screw too tight</b>).</p>



**Warning:** Always adjust the steam volume and accessories for the surfaces you are cleaning!

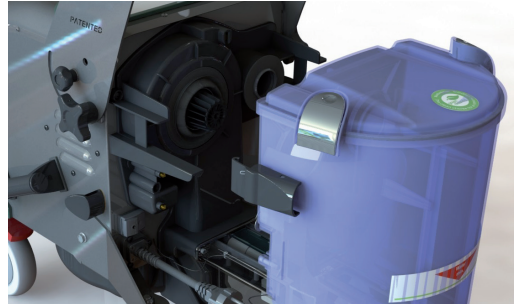
Reports



Maximum fill level in the filter bowl

If the suctioned dirt in the filter bowl reaches the maximum level, the fill level sensors ensure that suction stops automatically.

LED D on the display begins to flash.



To continue with cleaning work:

- Remove the filter bowl, empty and fill with tap water up to the MAX. level indicated, using the integrated siphon within the filter bowl (approx. 2.0 litres)
- Re-insert the filter bowl, ensuring it is in the correct position.

WARNING:

Regularly remove and clean the installation parts from the filter bowl in the event of heavy soiling. Return to the correct position afterwards.

Water shortage reservoir

A lack of water in the reservoir is indicated by symbol F flashing on the display and by a simultaneous acoustic signal. To restart work, fill the tank as described in the section on "Filling reservoir".

Water shortage hot water module

A lack of water in the hot water module is indicated by symbol N on the display, which now flashes rather than being permanently illuminated. There is also an acoustic signal. To refill the tank with water, follow the instructions in the section on "Filling hot water module".

Descaling instructions boiler / introduction

The boiler must be descaled, at the latest, when the probe symbol appears on the display with the word "CLEAN". Because the hardness of the water varies significantly depending on the location, scheduled descaling may need to be brought forward if you notice a significant drop in steam emission, or particles of limescale coming out of the steam accessories.

MAKE SURE THE APPLIANCE HAS COOLED DOWN COMPLETELY

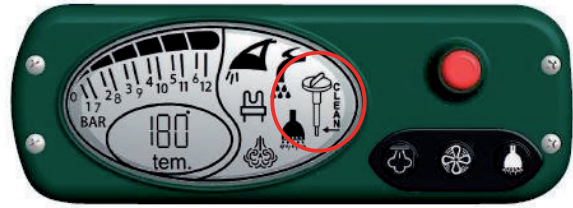


Fig.01

Warning! Descalers can be harmful. Read the information on the descaler packaging and follow the safety instructions.

Descalers or vinegar may cause damage to surfaces. Wipe up drops immediately. Only use suitable and recommended descalers.

Only perform descaling on a cooled appliance.

Recommended descaler:



# Service/Maintenance Part 2

## Boiler descaling

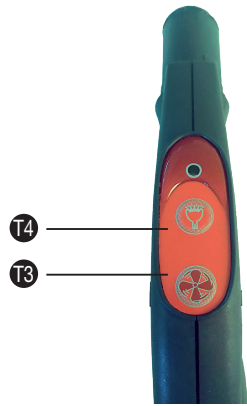
### Shutting down

To ensure the functionality, cleanliness and hygiene of the appliance and accessories, follow this procedure to shut down the appliance:

1) Remove the filter bowl, empty out the water and re-insert.



2) Press button **B** on the control panel (or **T3** on the handle) to activate the suction function (with the display in off mode).



3) Clean the suction tube and accessory parts in suction mode.

Suck approx. 2 litres of a solution of water and neutral detergent through the accessory parts used (steam tube, extension tube, etc.) to clean.



**INFO:**

Repeat the rinsing process with clear water if there is a lot of foam.

Alternatively, the steam suction hose can also be cleaned using a suitably sized sponge soaked in disinfectant.

4) Empty the filter bowl, clean and re-insert without cover.

5) Switch off the functions you have selected by pressing the relevant buttons on the display. The appliance switches off after approx. 10 seconds. OFF is then shown on the display.

6) Disconnect from the mains power by pulling out the plug.

7) Pull the steam suction hose out of the appliance for it to dry out.

8) Store the appliance with open filter bowl in a well ventilated and frost-free room.

## Technical data

### Technical data BlueEvolution S+

#### Electrical connection

Nominal voltage 220-240 V AC 50/60 Hz

Total output 2300 W

Boiler nominal consumption (Boiler made from stainless steel INOX Aisi 304) 1100/2300 W

Automatic refill system Yes, 2 litres

Steam temperature max. 170 °C

Steam pressure max. 800 kPa (8.0 bar)

Motor nominal consumption 1200 W

Water filter max. fill level approx. 3.3 litres

Water filter difference min. to max approx. 1.3 litres

Underpressure 1700 mm H<sub>2</sub>O

Length steam suction hose approx. 3.2 metres

Weight approx. 26.2 Kg

Size (l x w x h) 580 x 380 x 930 mm

Safety test CE

incl. hot water module 2 litres for the stubbornest dirt

The manufacturer reserves the right to make technical changes or changes to accessories in the course of further development.

### 3. Rinsing

a)



Pour 1 liter of tap water into the tank washing extraction. Connect the appliance to the mains and press button (C) on the display.

The unit will turn on and the display will show "COL".

Press the steam trigger on the handle.

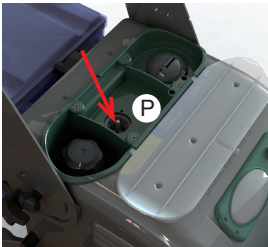
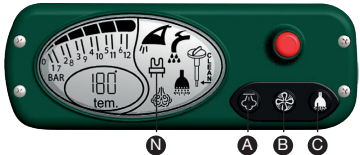
and pour the contents on a basin.

Repeat the procedure to rinse any residual limestone.

Your appliance is now ready for use again.

## Hot water module descaling

### 2. Descaling

<p>a)</p> 	<p>Mix 0.5 liters of descaler and 0.5 liters of tap water in a dosing bottle.</p> <p>Open the washing-extraction cap (P) and pour the mixture.</p> <p>Insert the steam-suction tube into the appliance.</p>
<p>b)</p> 	<p>Now connect the appliance to the mains and press the button (C) on the display.</p> <p>The appliance will turn on and the display will show "COL".</p> <p>Press the steam trigger on the handle and pour the contents onto a basin.</p> <p>Repeat the descaling procedure two to three times if you notice any residual limescale.</p>

**WARNING:** Descaler residue can be harmful to health and damage surfaces. Wipe up drops immediately. Read the information on the descaler packaging and follow the safety instructions.


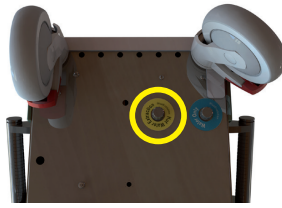
## Troubleshooting

ERROR	CAUSE	REMEDY
Suction switches off, you hear an acoustic signal and LED (D) flashes on the display	Filter bowl full	Empty the filter bowl and refill with tap water up to the Max. fill level.
	Fluff, fibres or hair in the filter bowl	Empty the filter bowl, clean out the hair and fluff and refill with tap water up to the Max. fill level
	Foam in the filter bowl	Empty the filter bowl and refill with tap water up to the Max. fill level. Tip: To minimise foam build-up, add 3 drops of non-acidic oil (e.g.: sewing machine or light vegetable oil) to the filter bowl
There is little or no steam and no hot water	Limescale in hot water modul	Perform "Hot water descaling" (Service/Maintenance – Part 1)
Steam very wet	Limescale in boiler and probe cap	Perform "Boiler descaling" (Service/Maintenance – Part 2)
	Hot water is switched on	Briefly press button (T3) on the handle or button (C) on the display
There is no hot water	Hot water not switched on	Briefly press button (C) on the display and then button (T3) on the handle
	Reservoir tank (P) is empty	Fill reservoir tank (P) hot water with clear tap water
Suction is not working	Filter bowl not in position	Re-insert filter bowl. Important: the lug on the cover must sit in the guide on the appliance
	Not switched on on the display	Press briefly on button (B) on the display; suction can then be switched on using button (T3) on the handle
No suction	Polyester filter dirty (optional)	Wash with plenty of warm water and neutral detergent. If damaged replace it.
	Foreign body or dirt in the hose or accessory	Check hose and accessory and clean as required
Strange noises while suction	Polyester filter (optional) dirty or not in the right position	Check the filter about dirt and the position

ERROR CODES DISPLAY

- E01 Refill water tank
- E02 Refill hot water tank
- E03 Refilling boiler failed
- E04 Empty waste tank
- E05 Descale the boiler
- E06 Replace UVC lamp
- E07 Boiler overheated
- E08 Replace anti-scale filter
- E10 Maintenance
- E12 Boiler temperature too high for descaling
- E13 Rinse the filling tank and the boiler

1. Préparation

<p>a)</p> 	<p>Remove the sound-proofing casing on the underside of the appliance. To remove, loosen the middle fixing screw by hand, which will enable you to fold down, detach and remove the sound-proofing casing.</p>
<p>b)</p> 	<p>Place a suitable container under the appliance and open the drain plug by turning it to the left with the included Inbus key (label yellow ring "Hot Water Extraction"). Drain the reservoir and then screw the drain plug back in and tighten slightly (<b>Do not screw too tight</b>).</p>

**i** INFO : Up to 2 litres of water may flow from the drain plug if the reservoir is full.



Use of the hot water module causes lime scale to form over time depending on the hardness of the water used. To prevent a fault caused by lime scale in the steam hose we recommend that you descale regularly.

**i** INFO :

Error, cause remedy

... no steam or hot water is produced when the steam lever is pressed.

Check whether the hose nozzle in the steam suction hose connector is dogged with lime scale. If it is, proceed as follows:

**Warning!** Descalers can be harmful. Read the information on the descaler packaging and follow the safety instructions.

Descalers or vinegar may cause damage to surfaces. Wipe up drops immediately. Only use suitable and recommended descalers.

**i** INFO : The steam hose does not have to be descaled if you use decalcified water.

**Only perform descaling on a cooled appliance.**

**Recommended descaler:**



beam descaler item no.: 8050

Use this table to document service and maintenance work performed, in order to improve overview and control.

Service/Maintenance	Date	Comment	Performed by:
<input type="checkbox"/> Hot water module descaling			
<input type="checkbox"/> Boiler descaling			
<input type="checkbox"/> Filter change			
<input type="checkbox"/> Additional work			
<input type="checkbox"/> Hot water module descaling			
<input type="checkbox"/> Boiler descaling			
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# Service/Maintenance Part 1

*Hot water module descaling*