User Manual







The revolution in commercial cleaning

Magnum XP-Vac is more versatile than any other professional steam cleaner. In addition to the suction and steam function, the hot water inflow can also be regulated con-tinuously using a control valve that allows you to set the wet effect on the device independently.

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

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

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

Make steam

Cleaning revolution for all industries



From carpets to upholstery

Magnum XP-Vac cleans almost any surface – streak-free and deep.



Clean desks

Door handles, conference tables, floors, kitchen areas – Magnum XP-Vac 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

Magnum XP-Vac also dissolves fat in hard-to-reach places – with no strong cleaning products.



Gyms, saunas and spas

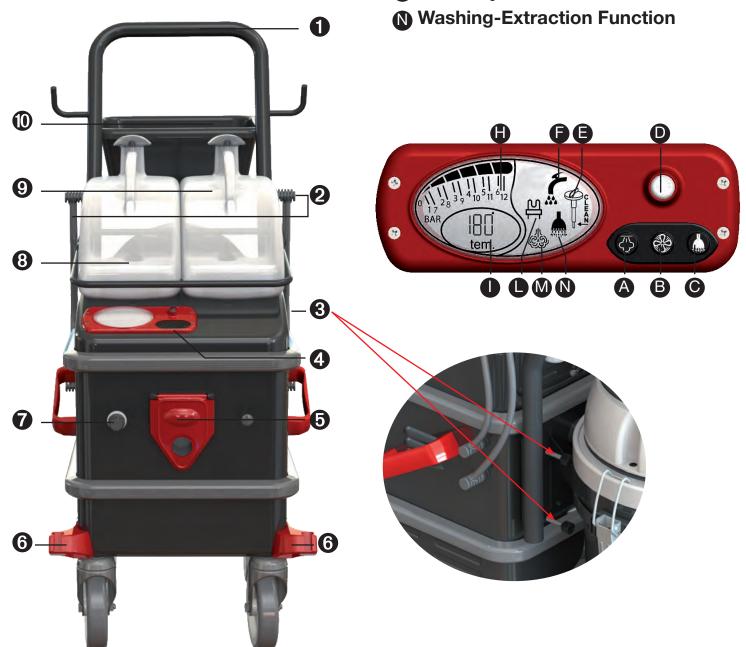
It's good for people to sweat. And thanks to Magnum XP-Vac it's no longer a problem for others. All equipment and contact surfaces can be cleaned perfectly.

And many more possibilities for use

Description of equipment

- **1** Handle
- 2 Tank tubes
- Handle locking screws
- 4 Display
- **5** Suction tube port steam
- 6 Suction tube support steam
- **7** Steam regulator
- Water refill tank
- 9 Hot water/washing extraction tank
- Accessories box

- **A** Boiler ON/OFF button
- **B** Suction ON/OFF button
- Washing-extraction ON/OFF button
- Suction function display
- Service indicator probe
- Lack of water indicator
- Working pressure display
- Working temperature symbol
- Resistor symbol
- M Steam symbol



Important Advice for Users

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 Magnum XP-Vac impresses thanks to its ease of use, sophisticated tech-nology 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 Magnum XP-Vac can be used for thorough cleaning of surfaces and ob-jects and to clear unpleasant odours from the air indoors.

This appliance is intented for professional use as a steam generator and as a liquids/organic materials aspirator in accordance with the descriptions and directions of this user manual.

3. IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS

When using the Cleaning System, always use basic precaution, including the following:

 $\begin{tabular}{ll} \textbf{WARNING!} & - \textbf{To reduce the risk of fire, electrical shock or injury:} \\ \end{tabular}$

- 1. Do not leave appliance when plugged in. Unplug the Cleaning System from outlet when not in use, or before servicing. Do not allow to be used as a toy. Close attention is necessary when the system is being used around children. Never allow children to use or play with the system 3. Use only as described in the manual. Only use original manufacturer attachments.
- 4. Do not use the Cleaning System with a damaged cord or plug. If the Cleaning System has been dropped, damaged, left outdoors, or submersed in water, return the System to the SERVICE .
- Do not pull or carry the Cleaning System by the cord.
- 6. Do not use the cord as a handle. Never close a door on the cord. Never pull it around edges or corners. Never run appliances over the cord. Keep cord away from heated surfaces.
- 7. Do not unplug by pulling the cord. To unplug, grasp the plug, not the cord.
- 8. Do not handle the plug with wet hands.
- 9. Do not allow objects to get into the output nozzles. Do not try to operate the Cleaning System with any of the openings blocked. Keep opening free of dust, lint, hair, or anything that reduce the Steam flow.
- 10. Keep all parts of the body away from output nozzles and moving parts of the System.
- 11. Use extra care when using the Cleaning System on stairs.

- 12. Use extra care when cleaning around water source (swimming pools, spas, toilets, etc.)
- 13. Do not use the Cleaning System to clean animals
- 14. Never point the steam toward humans or animals.
- 15. Turn off all controls before unplugging the Vapor System.
- 16. Do not fill the Cleaning System with anything but clean tap water.
- 17. To reduce the risk of electric shock use indoors only
- 18. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- 19. Connect to a properly grounded outlet only. See Grounding Instructions
- 20. Do not pick up anything that is burning or smoking such as cigarettes, matches, or hot ashes.

WARNING – This hose contains electric wires. To reduce risk of electric shock do not use or repair a damaged hose.

SAVE THESE 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 Vapor System, if it will not fit outlet, than have a proper outlet installed by a qualified electrician.

NOTE:

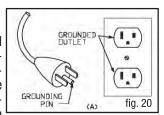
In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code.

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 uniti s 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 ordinaces.

WARNING!

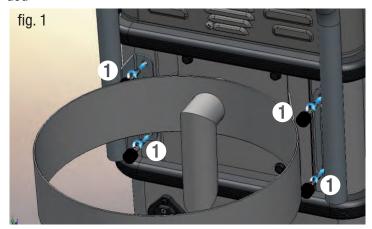
This appliance is for use on a nominal 120-V circuit and has a grounding attachment plug thet looks like the plug illustrated in sketch A in figure 20. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance.



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.

Assembling the handle and tank support basket

Take the handle, position it and fix with the 4 screws provided



Take the two metal hooks and position them.



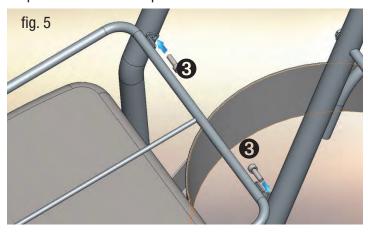
Fix completely using the two screws.



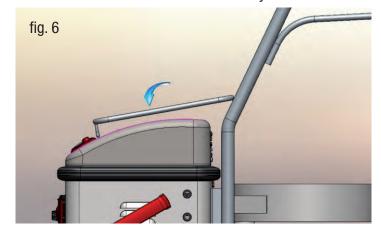
Take the tank support basket and position it.



Prepare the two screws provided.

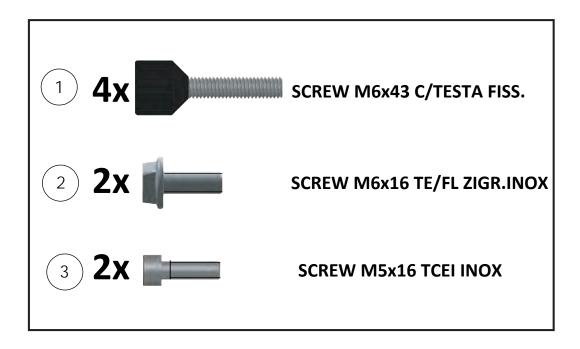


Make sure the basket is fully resting on the top of the body of the device - Fix the two screws definitively



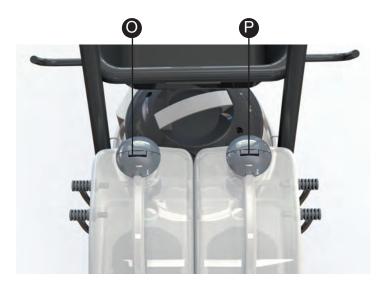
Fix the two tanks in place, water on the left and detergent on the right (as shown in fig. 7).





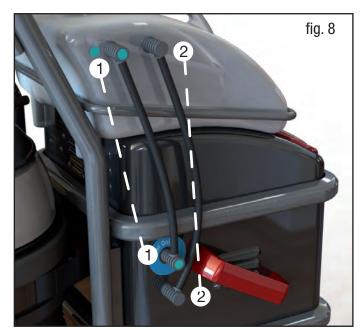
Fill the reservoir Fill the hot water module Fill the hot water module

- Open the cap **()** and fill the water tank with normal tap water using the funnel.
- Re-close the tank cap.
- Fill the tank **P** 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.



Connection of water loading and detergent/hot water tank tubes

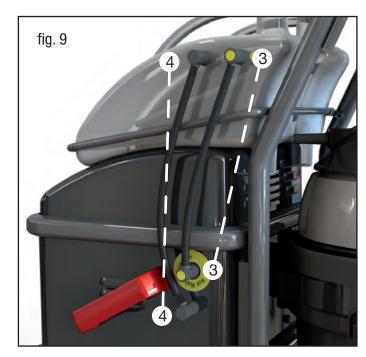
Connect the tubes as shown in figures 8 and 9



• 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



Assembly / preparation

Insert the steam-suction tube

- Insert the connector of the steam-suction tube into the port until you hear the safety hook click into place.
- To remove the tube from the machine, press the release button A and pull the connector



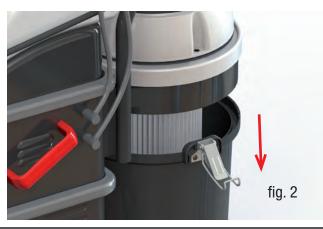
Wet vacuum function only

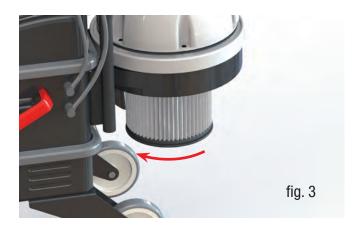


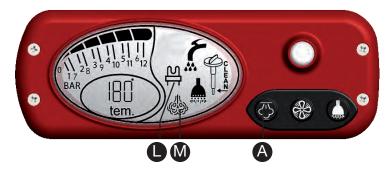
IMPORTANT:

To use the device as a wet vacuum, the polyester filter must be removed by unscrewing the ring nut placed under the filter, as shown below in figs. 1, 2 and 3. To return to normal vacuum mode, the filter must be put back in position.









Insert the plug into an earthed socket. 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 • 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.



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.



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

Start Steam with Washing-Extraction

The wet effect, and therefore cleaning performance, can be increased for hard-to-remove dirt, by selecting the washing-extraction function.

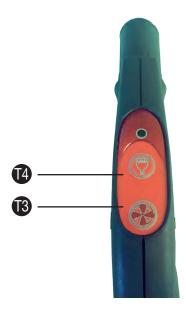
i INFO:

Do not use on delicate surfaces/materials.

Start "Washing-Extraction" function

Press button 4 on the handle to activate the washing-extraction function. The N symbol on the display will remain lit.

Always use the **4** button on the handle to switch the washing-extraction function on and off.



The flow of the "washing-extraction" function can be adjusted by pressing button in three steps.

The flow is indicated by LO-ME-HI.

Start Suction



Suction

Press button **B** on the display to activate the suction function (with display in standby mode).

The LED light **D** for suction turns red.

Press button **3** on the handle to activate suction (with display in standby mode).



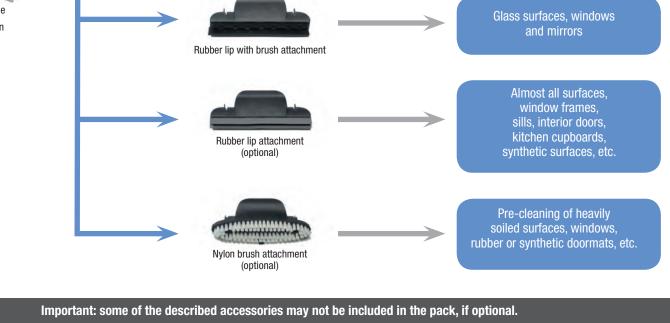
Press button **13** briefly to turn off the suction function.

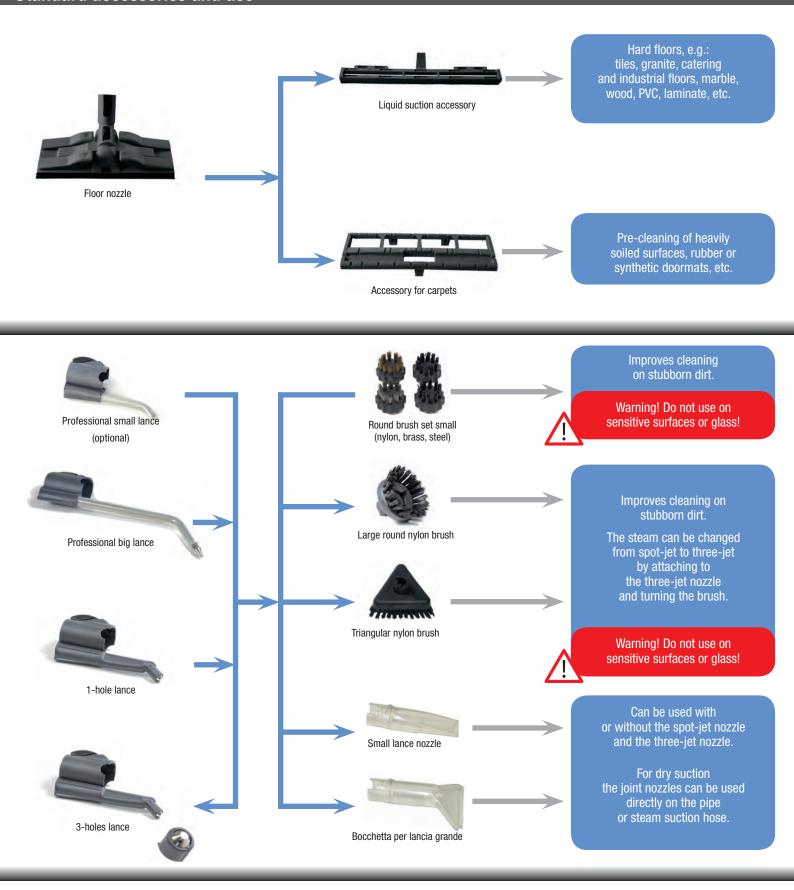
i INFO:

Since liquid will be present in the hose and in the extension tubes during suction operations, the device must not be immediately disconnected after cleaning.

It is necessary to wait about 30 seconds.

Standard accessories and use Extension pipe Extension pipe Steam suction hose Upholstery, mattresses NO ATTACHMENT and carpet cleaning. Glass surfaces, windows (display windows), Extraction nozzle Rubber lip with brush attachment 238 mm/9,37 in Hard floors, e.g.: tiles, granite, marble, wood, PVC, laminate, etc. Rubber lip insert On sensitive surfaces, e.g. parquet, use steam mode 1 (optional) Do not use hot water module Pre-cleaning of heavily soiled surfaces, rubber or synthetic doormats, etc. Brush attachment Not for sensitive surfaces (optional) Upholstery, mattresses, NO ATTACHMENT car seats, doormats and vehicle interior cleaning Extraction nozzle Glass surfaces, windows 146 mm/5,75 in and mirrors Rubber lip with brush attachment Almost all surfaces, window frames, sills, interior doors, kitchen cupboards,

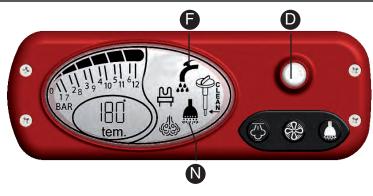




Always adjust the steam vo

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

Indications



Tank full

If the dirt in the tank reaches the maximum level, the float will halt suction.

To continue with cleaning operations:

- Remove the tank and empty it completely.
- Replace the tank, ensuring it is in the correct position (see figs. 1-2-3, page 7).



IMPORTANT:

Remove and clean the float, checking it is not damaged.

Replace it if necessary.

Error Code Display

E01 Fill the water tank

E02 Refill hot water tank

E03 Boiler could not be filled

E05 Descale the boiler

E08 Replace anti-scale filter

E10 Service

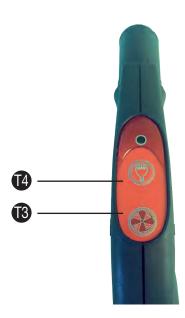
Lack of water in the tank

A lack of water in the tank is indicated by the symbol flashing on the display and by an acoustic signal at the same time. To resume operation, fill the tank as described in section , "Filling the tank".

Shutting down

To ensure the function, cleanliness and hygiene of the appliance, follow the procedure below after completing the cleaning operations:

- 1) Remove the tank, empty the dirty water and replace the tank.
- 2) Press button **B** on the display (or **13** on the handle) to activate the suction function (with display in standby mode). The LED light **D** for suction turns red.



3a) Clean the suction tube and accessory parts in suction mode 1.

Suck approx. 0,52 gal of a solution of water and neutral detergent through the accessory parts used (steam tube, extension tube, etc.) to clean.

i INFO:

Repeat the rinse process with clean water if there is still foam.

- 4) Empty the tank, clean it, and re-attach it to the head of the motor using the two clips (see page 7).
- 5) Switch off the functions selected by pressing the dedicated buttons on the display. The appliance will switch off after about 10 seconds.

The OFF message will appear on the display.

- 6) Disconnect from the electricity network by removing the plug.
- 7) Store the appliance in a sheltered area.

Technical data

Magnum XP-Vac

Electrical connection

Nominal voltage 120 V 60 Hz

Total output 1800 W

Boiler nominal consumption

(Boiler made from stainless

steel INOX Aisi 304)

Automatic refill system

Yes, 3,8 litres / 1 gal

1000 W + 700 W

Steam temperature max. 180 °C / 356 F°

Steam pressure max. 10 bar (1000 kPa)

Motor nominal consumption 1200 W

Capacity recovery tank 8 litres / 2,11 gal

Underpressure 2100 mm H₂0/82,6 in

Length steam suction hose approx. 3.2 metres / 118 in

Weight approx. 26.2 Kg / 58 lbs

Size (l x w x h) 744 x 468 x 920 mm / 29,3 x 18,4 x 36,6 in

incl. hot water module 1 gal for the stubbornest dirt.

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

Troubleshooting

ERROR	CAUSE	REMEDY
Suction is not working.	The tank is not positioned correctly.	Check the tank and reposition it carefully.
J	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.	Wash with plenty of warm water and neutral cleaning agent. 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 dirty or not in the right position.	Check the filter about dirt and the position.
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 the boiler and on the internal probe.	Remove the limescale from the boiler. (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.

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

Service/Maintenance	Date	Comment	Performed by:
Hot water module descaling			
Boiler descaling			
Additional work			
Hot water module descaling			
Boiler descaling			
Additional work			
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Service/Maintenance Part 1

Hot water module descaling

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.

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

2. Descaling

Cap (P)



Completely empty the contents of the Washing module extraction tank.

Mix 0,1 gal of vinegar and 0,16 gal of tap water in a dosing bottle.

Open the washing-extraction cap (P) and pour the vinegar mixture.

Insert the steam-suction tube into the appliance.

b)



Now connect the appliance to the mains and press the button (C) on the display.

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

Press the steam trigger on the handle and pour the contents onto a basin.

Repeat the descaling procedure two to three times if you notice any residual limescale.

WARNING: Descaler residue can be harmful to health and damage surfaces. Wipe up drops immediately.

3. Rinsing



Pour 0,26 gal 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 and vinegar.

The appliance is now ready for use again.

Service/Maintenance Part 2

Boiler descaling

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



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:



1. Preparation

- Warning: Before starting, disconnect from the main power by pulling out oft he plug.

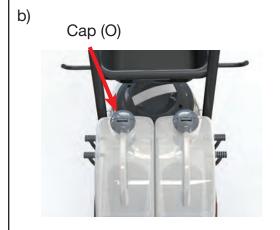
a) O

Identify the boiler draining cap (C) positioned under the appliance (wrench CH20).

Put a basin in place and open the draining cap by turning it anti-clockwise.

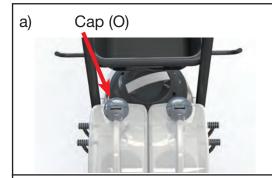
Drain the boiler completely and screw the draining cap back on.

Tighten without forcing.

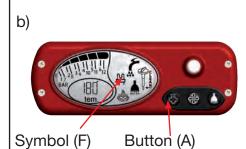


b) Carry out the same procedure to empty the refilling tank (unscrewing plastic cap O).

2. Descaling



Remove the cap (O) of the water tank and pour in 0,1 gal of descaling solution and about 0,26 gal of tap water.



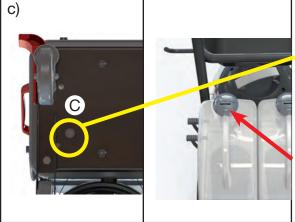
Connect the appliance to the mains and press button (A) on the display. The pump will work for approx. 50 seconds. You will hear an acoustic signal, and the water tap symbol (F) will flash on the display.

Press the (A) key several times until the resistor symbol (L) starts flashing.

N.B.! As soon as the symbol of the resistor (L) starts flashing, switch off the machine immediately by unplugging it from the mains socket.



WARNING: Working time approx. 15 minutes



Wait 15 minutes for the descaling solution to go to work. Position a suitable basin under the appliance and open the draining cap (C). Empty the boiler.

Screw the draining cap back on, using the CH20 wrench.

Completely empty the water refilling tank positioned under the machine.

Replace the cap (O).

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.

3. Rinsing

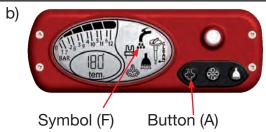
a)



Completely fill the water tank (O) with about 0,79 gal of tap water.



Shake the appliance gently from side to side to help remove the loose limescale residue.



Connect the appliance to the mains and press the (A) key on the control panel. The pump will work for approx. 50 seconds. You will hear an acoustic signal, and at the same time, the water tap symbol (F) will flash on the display. Press the (A) key several times until the resistor symbol (L) starts flashing.

Remove the plug from the mains socket.

c)

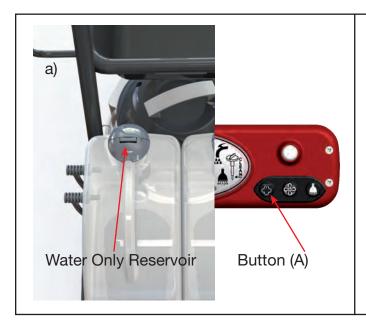


Repeat the boiler emptying procedure using the draining cap (C).

Screw back on without forcing.

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

4. Restart



Fill the "Water Only" tank up completely, following the instructions on page 6 "Filling the tank" and "Washing-Extraction Module". Connect the appliance to the mains and press button (A) on the display.

The pump will work for approx. 50 seconds. You will hear an acoustic signal, and at the same time, the water tap symbol (F) will flash on the display. Press the (A) key several times until the resistor symbol (L) starts flashing. The appliance is now ready for use again.

INFO: 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.

Service/Maintenance Part 3

Accessories and O-ring

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



Check the O-rings on the safety handle for damage:

Pos.(1): 1 O-ring on the suction pipe

Pos.(2): 2 O-rings on the steam spout



Check the O-rings on the connector for damage:

Pos(3): 2 O-rings on the brass spout

Checking O-rings on the extension pipes



Check the O-rings on all extension pipes for damage:

Pos.(4): 1: O-ring on the suction pipe

Pos.(5): 2 O-rings on the steam spout

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.

NOTE

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