



# JUPITER FULL

Professional Steam & Vacuum Cleaner



INSTRUCTIONS FOR USE AND MAINTENANCE



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## **INTRODUCTION**

**Before performing any operation on the machine, carefully read this manual.**

It contains all the information necessary for accident-free operation, ensuring the safety of the operator and all persons working nearby as well as respect for the environment. Correct use of this manual enables the user to keep the machine in good condition, reduces breakdowns and consequently repair costs and machine down time.

Keep the manual in a suitable place where it can be easily accessed by the operator whenever required.

## **DESCRIPTION**

The product performs steam-cleaning of machinery, refrigerators, ovens, work tables, floors, windows etc. reducing the use of detergents, disinfectants and solvents, and eliminating serious problems of disposal, bad smells and toxic residues.

This machine is a steam generator designed for the following functions:

- Cleaning with steam
- Cleaning with steam + hot water
- Cleaning with steam + detergent
- Cleaning with steam + vacuum

## **SAFETY WARNINGS**

The manufacturer declines all liability for:

- **incorrect use of the machine or use for purposes other than those for which it has been designed.**
- **all modifications made without manufacturer authorisation.**
- **replacement of original parts with parts produced by other manufacturers.**
- **use by untrained personnel.**
- **inappropriately grounding of the electrical supply.**
- **the use of detergents other than those supplied and validated by the manufacturer.**
- **use of the machine without protective clothing, shoes, gloves and safety glasses.**
- **use of the vacuum for general purpose vacuum cleaning.**

ATTENTION! Before connecting the machine to the power supply, make sure that your supplied voltage corresponds to the declared voltage on the machines label at the rear of the machine! **For a correct use of the machine, do not use demineralized or distilled water with a value lower than 96 TDS or 200 µs/cm.**

1. Never direct steam and/or hot water against persons, animals or yourself.
2. Do not use the equipment near persons if the latter are not wearing protective clothing.
3. Caution! Hot accessories can lead to injuries, do not touch with bare skin.
4. Make sure that the water you fill into the water tank is clean. Avoid the use of buckets or canisters to fill the tank unless these are completely free of dirt or foreign objects.
5. Do not drag the machine by pulling the hose, this can damage the hose.
6. Never pull the plug out of the mains socket by pulling at power cord, pull holding plug.
7. Do not vacuum up flammable substances (petrol, solvents, paints etc.), welding fumes or ignited material: danger of explosion or fire!
8. Control the power supply cable before each use for damage.
9. In the event of damage of the power supply cable, have it immediately replaced by the manufacturer or qualified personnel.
10. Over length of extension (longer than 25m) may lead to insufficient voltage supply and malfunction.
11. CAUTION: inadequate extensions can be dangerous. Make sure that your extension is correctly dimensioned and constructed according to national legislation!
12. Never immerse any part of the machine in water or other liquids.
13. Control the steam hose and all accessories for damage before each use and replace or have them repaired immediately.
14. In the event of leakage of steam or liquid, switch off and disconnect immediately. Contact the manufacturer or service center.
15. The equipment must not be used by children or untrained personnel.
16. To ensure the safety of the equipment, only original spare parts supplied or approved by the manufacturer must be used.
17. Never use the machine in a tilted position, all 4 wheels must stand on a plane surface.
18. Do not clean heat sensitive materials with steam, the heat of the steam could cause damage.

19. Operate the machine only wearing appropriate protective clothing, gloves and safety goggles or safety glasses.

### **TECHNICAL SPECIFICATIONS**

Boiler capacity	2,9 lt.
Boiler material	Stainless Steel AISI 304
Capacity water tank	5 lt.
Heating time	7 - 8 min.
Operating pressure	7,5 Bar
Maximum temperature	168°C
Boiler power	2200 W
Vacuum power	1200 W
Total power	3400 W EU (2200W AU/NZ) (2950W UK)
Nominal Voltage	230V~ 50Hz
Capacity detergent tank	5 lt.
Capacity vacuum tank	9 lt.
Dimensions LxWxH	560 x 400 x 970mm
Weight	29 Kg

#### **Machine safety devices:**

- Safety valve to relieve overpressure in the boiler
- Pressure switch for maximum pressure level
- Safety thermostat with manual reset
- 12 V low voltage hose-grip controls
- Water-resistant switches on the machine

### **INSTRUCTIONS FOR USE**

#### **ATTENTION!**

**The machine is supplied with a power supply cable suitable for its absorption. Check that the electrical system complies with the current regulations.**

**This instruction manual may include information about functions or accessories which are not part of the product you have purchased. This manual gives instructions for all of the versions available. Please ignore all information which does not pertain to your machine. Contact your dealer or distributor for further information.**

1. CONTROL PANEL
2. STEAM REGULATOR +/-
3. HOSE CONNECTION SOCKET
4. VACUUM TANK
5. HINGES VACUUM
6. VACUUM ON/OFF
7. WATER TANK (BLUE LABEL)
8. VACUUM TANK
9. DETERGENT TANK (YELLOW LABEL)



**1 CONTROLPANEL**

- |     |                             |     |                          |
|-----|-----------------------------|-----|--------------------------|
| 1.1 | MAIN ON/OFF SWITCH WITH LED | 1.2 | LOW WATERLEVEL LIGHT RED |
| 1.3 | PRESSURE GAUGE              | 1.4 | BOILER ON LIGHT GREEN    |
| 1.5 | BOILER ON/OFF SWITCH        |     |                          |



## **MACHINE START:**

### **Steam function:**

- Open the black water-tank plug **(5)**, fill the tank (blue label) with 5lt. of clean tap water and then replace the plug. Your machine uses a continuous feeding system in which the boiler water level is maintained through a high pressure pump which feeds itself from the water-tank. Check the water level in the canister during use to see how much water remains in the tank. *Use the funnel to avoid spilling water on the machine!*
- Insert the hose into the steam hose socket **(3)**, ensuring that it is securely connected.
- Press the main ON/OFF switch **(1.1)** to switch the machine on. *(the first time the machine is used the boiler will be empty and needs to be filled first, this can take a while. When the machine is switched on, an acoustic signal will be heard and the red light **(1.2)** will light up, this is normal in this case. Please just continue to follow the instructions.)*
- The LED in the ON/OFF switch **(1.1)** now lights up.
- Push the boiler ON/OFF switch **(1.5)** to enable the heating element *(the heating element will not turn on as long as the boiler is not filled with water)* and the pump starts filling the boiler. Now the green light **(1.4)** starts blinking while being filled and heating up. Filling is automatically performed when required by an integrated water level sensor.
- As soon as the pump completes filling the boiler the heating phase begins, lasting approx. 8 - 9 minutes.



#### **WARNING!**

A loose connection between hose and socket can cause steam to leak into the connecting parts and cause damage. The low voltage electric connections in the hose “do not” endanger the user, these are a protection!

- **IMPORTANT!** As soon as the machine reaches a pressure of 2 to 3 Bar, press the steam ON/OFF switch **(11.1)** on the hose-grip for approx. 10 - 15 seconds. This evacuates the under-pressure air created while the boiler cools down after use. Only after this evacuation will the machine reach its full pressure and be ready to work. Otherwise, when you first enable steam output the pressure will drop very rapidly, in this case allow the boiler to now reach the maximum pressure before operating the machine. *This is not a defect but a characteristic of our machines!*
- Attach the required accessories.
- Now enable the steam ON/OFF switch **(11.1)** on the hose-grip and direct the steam jet into a bucket or cloth. At first condensed water will be expelled from the hose, then steam. Allow the steam to exit for 30 seconds before you start treating the surface to be cleaned. This will avoid excessive moisture!
- Regulate the steam to the desired output level by turning the steam regulator **(2)** +/-.



#### **WARNING!**

Make sure that the machine is in pressure and the steam of a dry quality before attempting to clean encapsulated electronic components. Dry saturated steam is non conductive, but remember that the object being cleaned may have a low temperature of its own and thus create too much condensation at first. This condensation can be conductive!

### HOSE-GRIP STEAM ONLY: \*

- |      |                      |      |                      |
|------|----------------------|------|----------------------|
| 11   | HOSE-GRIP STEAM ONLY | 11.1 | STEAM ON/OFF SWITCH  |
| 11.2 | DETERGENT BUTTON     | 11.3 | ACCESSORY LOCK LEVER |



### Detergent/Hot water function:

To speed up the cleaning action of the steam in some situations, water or detergent can be injected into the steam:



#### **WARNING!**

Never fill detergent into the water tank (5), this can seriously damage your machine and will invalidate your warranty!

- Remove the cap of the detergent canister (6) and fill the tank (yellow label) with 5 liters of water or one of our specified detergents and then replace the cap. **ATTENTION!** Follow the instructions on the detergent canister/bottle to correctly dose detergent and water.
- Start the machine as above and connect the hose to the hose connection socket (3).
- Prime the pump: (only on first use of the machine or after running empty of detergent) do not enable switch (11.1) but press **only** the detergent button (11.2) on the pistol for 10 seconds while checking to make sure that water fills the transparent hose. This means that the pump is pulling water in from the canister and pushing out the air trapped in the hose.
- Enable the steam ON/OFF switch (11.1) on the hose-grip and simultaneously keep the water/detergent button pressed for the time required. *If using detergent, keep the button pressed for a short interval, then clean and press again when more detergent is needed. Use as little as detergent possible and respect the environment!*

#### **ATTENTION!**

This machine is approved for use only with detergents validated and sold by the manufacturer. Use of detergents other than ours will invalidate the warranty! The use of foaming and/or corrosive detergents or other chemical compounds could damage the machine!

\* See Standard Accessory Set further down in this manual.



## HOSE-GRIP STEAM & VACUUM:

- |      |                          |      |                      |
|------|--------------------------|------|----------------------|
| 12   | HOSE-GRIP STEAM & VACUUM | 12.1 | STEAM TRIGGER        |
| 12.2 | DETERGENT BUTTON         | 12.3 | VACUUM ON/OFF BUTTON |



## Wet & Dry vacuum cleaning function:



### **WARNING!**

Do not use the vacuum for general purpose vacuum cleaning! Use only in combination with steam cleaning. Do not vacuum up dangerous substances!

- Connect the steam & vacuum hose to the hose connection socket **(3)**. Make sure that the short vacuum power cable is plugged into the 230V~ socket mounted on the back of the machine. Also make sure that the short vacuum hose is firmly inserted into the vacuum socket situated underneath the 230V~ socket at the back of the machine.
- Attach the required accessories.
- Turn on the ON/OFF switch **(8)** located on the vacuum cleaner head. This enables the vacuum, but the vacuum is controlled electronically and can now be turned ON or OFF through a dedicated micro-switch on the hose-grip of the steam & vacuum hose!
- Start the steam machine as explained above.
- Press the trigger **(12.1)** on the hose grip **(12)** to enable steam output.
- For suction, press and release micro-switch **(12.2)** on the hose-grip. Press once to switch on, and a second time to switch off.
- The detergent/hot water function is enabled by persistently pressing micro-switch **(12.3)**, release to stop. Follow the instructions above as for steam only!
- Clean the vacuum tank after every use. Open the 2 lateral hinges **(9)** of the vacuum tank **(10)** and lift the head off. Dispose of the contaminants inside and rinse the tank until clean. Inspect and if necessary wash the filter element that is attached to the vacuum head. This filter must be washed regularly to maintain a high level of vacuum efficiency.
- Put the tank back on, making sure it is firmly attached!

**WARNING! Do not use the vacuum without its filter element, this will damage the vacuum and cause dirt and contaminants to come back out of the exhaust!**

**Water-tank refill:**

When the water-tank reaches its minimum level the machine emits an acoustic signal and the red low water warning light **(1.2)** lights up. Steam output is now interrupted until the tank and boiler are refilled. **ATTENTION!** *The machine must be turned OFF while being refilled, this safeguards the operator and resets the pump and steam output stop into the start up mode!*

Perform the following operations:

- Turn the main switch **(1.1)** OFF
- Open the black plug **(5)** and fill the water-tank (blue label) with clean tap water.
- Restart the machine with switch **(1.1)** and then **(1.5)** as explained before.
- Since the boiler is in pressure, the green light will flash for a short interval until the machine reaches its maximum pressure and is ready to resume work.

**STANDARD ACCESSORY SET**

The accessories are designed to fit tightly and seal well against the loss of steam. The parts insert only in one precise manner into each other and are separated by pressing down the white accessory lock lever **(11.3)** and then pulling. Should the parts be difficult to separate after prolonged use, please clean them and put some silicone grease on the O-rings. Control all O-rings regularly and exchange if damaged. Always keep the O-rings in perfect condition and exchange these if damaged! Use the grey bucket **(7)** to keep your cloths and accessories.

For instructions on how to best use the single accessories please contact your dealer or distributor!

**\*This machine is available with only the steam & vacuum set as standard or may also include the steam only set. Contact your dealer or distributor for more information!**

**STANDARD STEAM & VACUUM ACCESSORY SET**

ITEM CODE, QUANTITY & DESCRIPTION	
KITo800/MOD 1 STEAM/VAC HOSE 4 M	

ITEM CODE, QUANTITY & DESCRIPTION	
<b>KITo801</b> 2 EXTENSION TUBES L.500	
<b>KITo802</b> 1 EXTENSION TUBE L.250	
<b>KITo804</b> 1 FLOOR BRUSH L.300	
<b>KITo822</b> 1 TEFLON INSERT FLOOR BRUSH L.300	
<b>KITo824</b> 1 RUBBER INSERT FLOOR BRUSH L.300	
<b>KITo805</b> 1 SQUEEGEE L.300	
<b>KITo806</b> 1 UPHOLSTERY TOOL L.100	
<b>KITo807</b> 1 UPHOLSTERY TOOL L.250	

ITEM CODE, QUANTITY & DESCRIPTION	
<b>KITo8o8</b> 1 STEAM & VAC NOZZLE/LANCE	
<b>KITo8o8/DA/2</b> 1 STEAM-VAC LANCE X DAVY 2MM	
<b>KITo81o</b> 1 ANGLED TUBE 45°	
<b>KITo813</b> 1 ADAPTER FOR KITo818 + KITo817	
<b>KITo817</b> 1 SMALL BRUSH HALFMOON X KITo8o8	
<b>KITo818</b> 1 ROUND VAC BRUSH X KITo817	
<b>KITo819</b> 1 TRIANGULAR VAC BRUSH X KITo817	
<b>KITo315</b> 1 STRAIGHT VAC NOZZLE KITo8o8/DA	
<b>KITo317</b> 1 TRIANGULAR VAC NOZZLE KITo8o8/DA	
<b>KITo814/I</b> 1 BIG ROUND BRUSH SST BRISTLES	

ITEM CODE, QUANTITY & DESCRIPTION	
<b>KITo814/N</b> 1 BIG ROUND BRUSH NYLON BRISTLES	
<b>KITo814/O</b> 1 BIG ROUND BRUSH BRASS BRISTLES	
<b>KITo815/I</b> 1 MEDIUM ROUND BRUSH SST BRISTLES	
<b>KITo815/N</b> 1 MEDIUM ROUND BRUSH NYLON BRISTLES	
<b>KITo815/O</b> 1 MEDIUM ROUND BRUSH BRASS BRISTLES	
<b>KITo816/I</b> 3 SMALL ROUND BRISH SST BRISTLES	
<b>KITo816/N</b> 5 SMALL ROUND BRISH NYLON BRISTLES	
<b>KITo816/O</b> 3 SMALL ROUND BRISH BRASS BRISTLES	

### STEAM ONLY ACCESSORY SET\*

ITEM CODE, QUANTITY & DESCRIPTION	
<b>KIT0700</b> 1 STEAM HOSE 4M	
<b>KIT0701</b> 2 EXTENSION TUBES L.500	
<b>KIT0702</b> 1 EXTENSION TUBE L.250	
<b>KIT 0703/2</b> 1 STEAM LANCE L.100 2MM	
<b>KIT0704/2</b> 1 STEAM LANCE L.250 2MM	
<b>KIT0705</b> 1 STEAM ADAPTER ANGLED 45°	
<b>KIT0706</b> 1 JOINT FOR BRUSHES	

ITEM CODE, QUANTITY & DESCRIPTION	
<b>KIT0707</b> 1 FLOOR BRUSH WITH BRISTLES	
<b>KIT0709</b> 1 TRIANGULAR BRUSH WITH BRISTLES	
<b>KIT0711</b> 1 STEAM SQUEEGEE L.300	
<b>KIT0712</b> 1 SCRAPER	

**ATTENTION!** Optional accessories and consumables are available, please contact your dealer or distributor to receive a list of the available optionals!

### MAINTENANCE

**ATTENTION! Maintenance should be done every 6 to 12 months or more often if used very heavily and/or if the water is very hard. Make arrangements with your dealer or distributor for professional maintenance and assistance.**

*The amount of carbonates in the water (chalk, salts and other minerals) determine the hardness of the water you use with this machine. When water is heated up these carbonates will “fall out”, that is they will become small particles that in the worst case can encrust you boiler, the heating element and other components. Please clean your boiler as described below regularly, more so if you have hard water from the tap. Do not use demineralized or distilled water with your machine because such water contains no minerals and carbonates and could lead to malfunction!*

#### Cleaning the boiler:



**DANGER!**

Wear protective clothes and glasses while operating the below procedure, the hot water can cause injuries!

- Switch the machine ON with switch **(1.1)** and **(1.5)** while the machine is at pressure “zero”. Let the pressure reach approx. 1 bar.
- Turn off the main switch **(1.1)** and unplug the machine from the mains.
- Lift the machine and place a container below to collect the dirty water from the boiler.

- With a n° 22 wrench, partially unscrew the plug below the machine to let the pressure out of the boiler.
- Shake the machine a bit.
- When all the pressure has been discharged, fully remove the plug.
- Empty all the water in the boiler, shaking the machine gently to help empty the water.
- Re-tighten the plug securely but without over tightening.
- Follow the steps written in the chapter “Machine Start” to refill the boiler and prepare the machine for use.

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#### **ATTENTION!**

**If the water removed from the machine was very dirty, you are advised to repeat the operation. If encrusted, contact your dealer or distributor for assistance. Check for any water leaks from the plug below the machine and tighten the plug if necessary. Do not over-tighten!**

#### **Vacuum**

- Clean the vacuum hose after each use by vacuuming up 2 or 3 liters of clean water.
- Clean the tank after each use. You can use your machine to steam clean the tank while it is detached.
- Clean your filter element after each use by rinsing it with plain water.
- Exchange the filter element regularly or when damaged.

#### **TROUBLESHOOTING:**

Steam leaks from accessories due to dirt, wear or breakage of gaskets or it is difficult to disconnect these.	Replace the gaskets on the connections making sure you do not cut or mark the gasket and that it is securely fitted in its housing. Clean and place a light film of silicone grease on the gaskets.
Hose plug hard to insert in the machine socket.	Do not force it in; lubricate the steam socket connection on the machine with silicone grease.
No steam output but machine is in pressure.	Make sure the manual output valve is open.
Machine heating time too long.	Remove the scale from the boiler as described above.
The pressure drops rapidly during operation.	Remove the scale from the boiler as described.
The pressure rises rapidly and the pump continues to fill the boiler with water.	The machine needs to be serviced! Please contact your service center.
Vacuum does not turn on when enabled on the hose-grip.	Control that the Vacuum is plugged into the 230V ~ socket on the rear of the machine and make sure that the vacuum is turned ON on the vacuum itself.
The vacuum does not effectively suck up dirt.	Clean or exchange the filter element and check the hose and accessories for blockage.

**ATTENTION! If the above solutions do not resolve your problem please contact your dealer or distributor.**



## **WARRANTY**

DOMAN S.r.l. guarantees the product against all manufacturing or material defects for 12 months from the date of sale.

Warranty conditions :

- The warranty does not cover failures resulting from normal machine wear.
- The warranty lapses in the case of failures, problems or accidents caused by non-observation of these instructions, poor maintenance or inappropriate use of the machine.
- The warranty comprises replacement or repair free of charge of faulty parts, including labour. Recognition of the warranty does not entail any other recognition of damage or compensation for any reason.
- The warranty applies to goods ex our factory or ex branches.

## **DECLARATION OF EC CONFORMITY**

The undersigned manufacturer:

**DOMAN SRL**  
**VIA MONTE TOMBA, 8 – 36060 ROMANO D’EZZELINO – ITALIA**

Declares that the Product:

Product Description: Professional Steam Cleaner  
Product Name: JUPITER FULL

is in accordance with the following Directives:

**2004/108 EC Directive (EMC Directive) and subsequent amendments**  
**2006/95 EC Directive (Low Voltage Directive) and subsequent amendments**  
**2006/42 EC Directive (Machinery)**

and that all the following standards have been applied:

**EN 55014-1 (2009-08)- EN 55014-2 (2008) - EN 61000-3-2 (2006 - EN 61000-3-3 (2008-09)**  
**EN 62233 (2008-04) - EN 60335-2-79 (2009-09)**

The manufacturer also declares that the technical construction file is kept by:  
DOMAN SRL – VIA MONTE TOMBA, 8 – 36060 ROMANO D’EZZELINO – ITALY

Last two figures of the year of the CE marking 18

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**DOMAN S.r.l.**

V. Monte Tomba 8, 36060 Romano D'Ezzelino (VI) - Italy

Phone: +39 0424 577009 - Fax: +39 04240879679

Email: [info@doman.it](mailto:info@doman.it) - Web: [www.doman.it](http://www.doman.it)



