

INSTRUCTIONS FOR USE AND MAINTENANCE

COMBY 4000

COMBY 9000

INDEX

1. INTRODUCTION	3
2. FUNCTIONS	3
3. TECHNICAL DATA	3
4. SAFETY DEVICES	3
5. WARNING	4
6. CONTROL PANEL	4
7. INSTRUCTIONS FOR USE	5
7.1 Preparation	5
7.2 Starting	5
7.3 Detergent injection	5
7.4 Vacuum cleaning	6
7.5 Refilling water	6
8. MAINTENANCE	6
8.1 After each use	6
8.2 Periodically	7
8.3 Cleaning the boiler	7
8.4 Troubleshooting	7
9. ACCESSORIES	8
9.1 Standard Accessories	8
9.2 Optional Accessories	9
10. WARRANTY	9
11. DECLARATION OF CONFORMITY	10
12. WASTE AND RECYCLING	10

1. INTRODUCTION

This manual is an integral part of the appliance and contains all necessary information for its operation and maintenance.



- Therefore the user has to read carefully these instructions before using the appliance.
- For information, spare parts or accessories, please contact your retailer

This manual or a copy has to be always at the disposal of the operator for consultation.

Following these instructions, avoids taking useless risks for security and reduces damages, cost for repairs and time the appliance does not work.

2. FUNCTIONS

This cleaning appliance is suitable for a collective use for example in hotels, schools, hospitals, factories, shops, offices and in houses. Its principal functions are :

- Vacuum cleaner
- Wet & Dry vacuum cleaner
- Steam generator
- Steam + detergent injection

3. TECHNICAL DATA

Technical Data COMBY 4000	Technical Data COMBY 9000
Boiler in stainless steel Boiler capacity 3 lt Working pressure 800 kPa (8 bar) Temperature max 176° C Heating time 8 minutes Sound pressure 72,7 dB(A) Suction air 215 sqm / hour 2 stages by-pass motor Cold water tank 5 lt Detergent tank 5 lt (only version with detergent) Dirt bucket 7 lt Weight 40 Kg	Boiler in stainless steel Boiler capacity 3 lt Working pressure 800 kPa (8 bar) Temperature max 176° C Heating time 5 minutes Sound pressure 72,7 dB(A) Suction air 215 sqm / hour 2 stages by-pass motor Cold water tank 15 lt Detergent tank 5 lt (only version with detergent) Dirt bucket 7 lt Weight 47 Kg

4. SAFETY DEVICES

- Thermostat 190° C with manual resetting
- Thermostat with bulb 210° C automatic
- Safety valve 13 bar
- Electronic power balance
- Teflon seals
- Low voltage handle

Sound pressure level

The A-weighted sound pressure level L_{pa} in dB(A) emitted by the appliance is 72,7. The sound level is measured in accordance with IEC 60704-2-1.

5. WARNING

The manufacturer declines all responsibility for damages deriving from using the appliance if



- ▶ the instructions of this manual are not respected
- ▶ modifications are brought in without previous authorization from the manufacturer
- ▶ repairs are made by unauthorized persons
- ▶ parts of the appliance are replaced with not genuine parts
- ▶ the machine is used differently from how it is recommended

In particular, for the use of the appliance, the following advices are recommended:

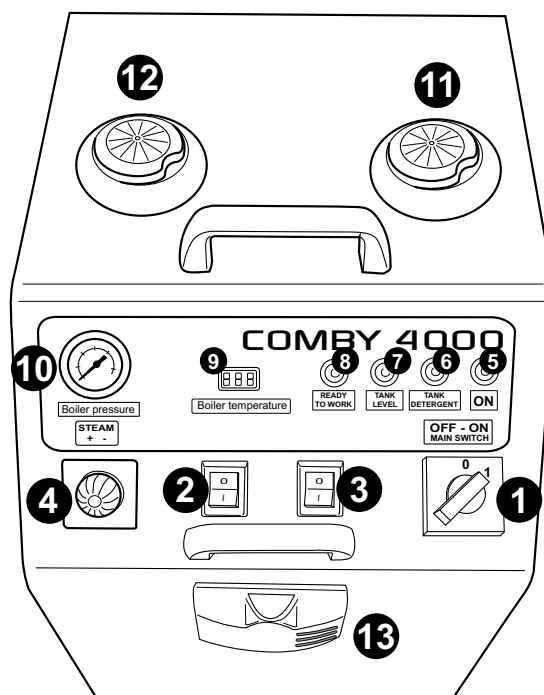
- the high pressure steam jet can be dangerous if it is used in an improper way. Never direct the steam jet towards people.
- Never direct the steam jet towards yourself or other people for cleaning clothes or shoes.
- Do not use the appliance near other people, if these do not wear protective clothing.
- Pay attention not to touch the nozzles, as those become very hot while using steam.
- Never suck in flammable substances (petrol, solvents, varnish etc.), welding smoke, burning materials : danger of explosion and fire !
- If the electrical cable is damaged, it has to be replaced immediately by the manufacturer or by an authorized person.
- If an extension cable is used, plug and socket have to be water tight.
- In case of leaks of foam or liquids, switch off immediately !
- Children or not trained persons must not use this appliance.
- To guarantee the safety of this appliance, only genuine spare parts have to be used.



- ▶ Do not pull at the steam hose, it could get damaged
- ▶ a not adequate extension can be dangerous

6. CONTROL PANEL

1. Main switch
2. Boiler switch
3. Detergent switch
4. Steam output regulator
5. Indicator light for power supply
6. Indicator light for lack of detergent
7. Indicator light for lack of water
8. Indicator light for steam ready
9. Digital indicator of boiler temperature
10. Pressure gauge
11. Detergent tank cap
12. Water tank cap
13. Socket



7. INSTRUCTIONS FOR USE

7.1 Preparation

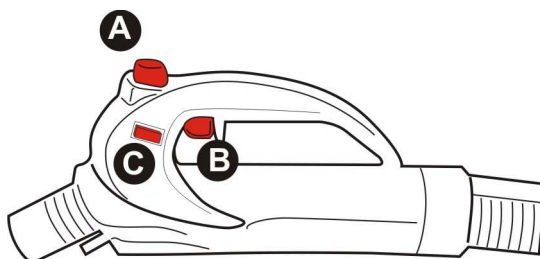
- Open the cap (12) and fill the cold water tank with **tap water**.
- Connect the plug to a socket on a patchboard provided with a switch with an efficient earth connection.



- ▶ The appliance is provided with a power cord according to its electrical input characteristics.
- ▶ It's important to verify that the electrical mains are according to the norms
- ▶ It is recommended that the power supply of this appliance includes a differential switch of 30 mA maximum

7.2 Starting

- For power supply, switch on the main switch (1)
- The indicator light (5) goes on
- When the pump has filled up the boiler and goes out, switch on the boiler switch (2).
- The appliance starts heating up (about 8 minutes comby 4000; 5 minutes comby 9000).
- The indicator light (8) goes on ; the appliance is ready for use now.
- Connect the steam hose to the socket (13), making sure that it is inserted correctly.
- Push the steam button (B) on the handle and direct the steam jet towards the area which has to be cleaned.
- For vacuum cleaning press the button for suction (A) on the handle.
- The functions steam and vacuum can be used separately, and also simultaneously



7.3 Detergent injection

To start the appliance follow the instructions explained under starting (7.2)

For the detergent function follow these instructions:

- Open the tap (11) and fill up the tank with detergent.
- Switch on the switch (3)
- Push the bottom (C) to start the detergent function.
- The functions steam, steam + detergent and vacuum can be used separately, and also simultaneously



- ▶ Before starting steam cleaning, blow off the initial condensation in the conducts in a bucket or any other suitable place.
- ▶ Do not use foaming or corrosive detergent, as this kind of detergent could damage the appliance !

7.4 Vacuum cleaning

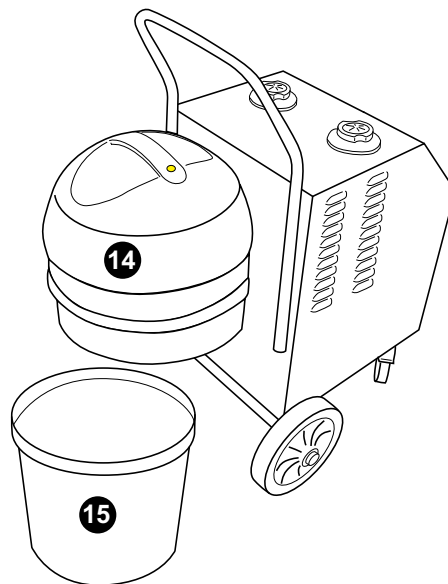


► **Before starting steam cleaning, blow off the initial condensation in the conducts in a bucket or any other suitable place.**

For vacuum cleaning, first switch on the switch behind on the vacuum cleaner, then switch on the vacuum switch (A) on the handle. The vacuum system does not work when the switch on the vacuum cleaner is on position off.

When the dirt bucket is full, vacuum stops. Unhook the bucket (15), empty it, hook again (14) and then continue working.

To clean the polyester filter unhook the bucket (15) and take off the filter. Wash the filter and replace it, then hook the bucket.



7.5 Refilling water

When the cold water tank is empty, you will hear an acoustic signal and the indicator light for lack of water (7) will go on. No steam comes out anymore.

Proceed as follows:

- Open the cap (12) and fill water in the tank.
- Close the cap (12)
- After a few seconds the indicator light (8) will go on, and you can continue cleaning.

8. MAINTENANCE



► **Always unplug the appliance before cleaning or servicing operations on the machine.**

For the safety of the operator and to secure always perfect performances, the following controls and servicing is recommended :

8.1 After each use

To clean the flexible hose and the used extension units, suck in a small quantity of clear water. Doing so you keep the conducts clean inside and prevent deposits and bad smells. Unhook the dirt bucket, empty it and rinse it carefully.

8.2 Periodically

Check regularly that the power cord does not present any signs of wear or ageing. If it is damaged, it is absolutely necessary to replace it immediately by the same type of power cord, before using the appliance again.

8.3 Cleaning the boiler

- The machine has to be cold and the electrical plug disconnected. With a wrench n° 22 open the stopper under the machine and empty completely all remaining water in the boiler. When the boiler is empty, close the stopper carefully but without exceeding.
- Control visually or with a rod the remaining water quantity in the cold water tank : for about 1litter water take 1 litter vinegar (or a recommended descaler)
- Connect the electrical plug, switch on the main switch (1) (Attention : do not switch on the boiler switch (2)). Wait until the pump finishes to fill the boiler and goes out (it's possible that the indicator light for lack of water (7) goes on and that you hear the acoustic signal). Switch off the main switch (1), disconnect the electrical plug and leave the machine for 8 hours.
- Empty the loose limestone in the solution and rinse the boiler proceeding as per point A.
- Fill the cold water tank with clean water and switch on the machine. For about 10 minutes use steam with care, because it will have a sharp smell because of the remaining vinegar in the boiler and in the conducts.
- When the operation boiler cleaning is completed, to start the appliance again, follow the instructions explained under **Starting**.



► When the pump is filling the boiler, it's recommended to control if the stopper under the machine is leaking

8.4 Troubleshooting

ANOMALY	SOLUTION
Water is leaking from the accessories.	Due to wear or damage of seals –Replace the seals on the coupling paying attention not to cut or to mark them and to place them carefully.
Plug of the steam hose is difficult to insert in the socket of the machine.	Do not force to insert it, but put a bit of silicon on the steam coupling in the machine.
Boiler needs more time to heat up.	Clean the boiler as explained.
Pressure goes down quickly while using steam	Symptom of limestone, clean the boiler as explained.

9. ACCESSORIES

The right steam hose and suitable accessories are important for the safety of this appliance. Therefore it is recommended to use only genuine steam hose and accessories.

9.1 Standard Accessories



1. Extension units
2. Flexible hose with handle and plug
3. Multipurpose brush
4. Carpet protection for multipurpose brush
5. Frame with bristles and rubber scrapers for multipurpose brush
6. D60 nylon brush
7. D26 nylon brush
8. D26 brass brush
9. Steam lance
10. Large nozzle
11. Small nozzle
12. Glass cleaner
13. Triangular brush and frame with bristles
14. Triangular and rectangular cloth kit

9.2 Optional Accessories



- 1. Long steam lance
- 2. Floor brush L = 400
- 3. Accessory with bristles L = 400
- 4. Accessory for liquids L = 400
- 5. Accessory for carpets L = 400
- 6. Floor brush L = 300

- 7. Accessory with bristles L = 300
- 8. Accessory for liquids L = 300
- 9. Accessory for carpets L = 300
- 10. Metallic floor brush L=370
- 11. Professional upholstery tool

10. WARRANTY

The manufacturer STI SRL guarantees this appliance for a period of 12 months from the date of purchase against manufacturing blemish and defects in material.

Warranty conditions:

- ▶ the warranty does not cover damages deriving from normal wear.
- ▶ the warranty does not cover damages or accidents due to non respect of the instructions of this manual, bad servicing or improper use of the appliance.
- ▶ the warranty comprehends replacement and / or repair of faulty parts, including workmanship. Under no circumstances the acknowledgement of the warranty involves an acknowledgement of damages or claims of any type or cause.
- ▶ Transport and packing costs are at the purchaser's charge

The competent courts in case of dispute is in Bassano del Grappa (VI) – Italy.

11. DECLARATION OF CONFORMITY

The manufacturing company Sti s.r.l. via Rosi 3,I -36030 Fara Vicentino (VI) declares that the appliance to which the declaration refers is in conformity with the essential safety requirements of the European Directives:

Safety	Electromagnetic Compatibility
Directive 2006/95/CE and subsequent amendments	Directive 2004/108/CE and subsequent amendments

The conformity of the directives above mentioned is represented by the **CE** marking of the product.

12. WASTE AND RECYCLING

Do not discard the components of the appliance in the environment. For their waste, the laws of the country where the appliance is used have to be observed.

The appliance is constructed with materials that must not be dispersed in the environment. For their disposal contact recycling centres or the supplier.



In accordance with the directives 2002/95/EC, 2002/96/EC and 2003/108/EC, relating to the reduction in use of dangerous components in electric and electronic appliances, and waste disposal".

The symbol of the barred skip on the appliance indicates that the product, at the end of its working life, must be collected separately from other refuse.

The user must bring the appliance to an appropriate centre for separately collected electronic and electro-technical items, or return it to the seller when purchasing a new equivalent appliance, on a one to one basis.

The appropriate separate collection of the appliance for recycling, to the treatment and compatible environmental disposal contributes to avoiding possible environmental and health effects of a negative nature and encourages the recycling of materials of which the appliance is composed. Abusive disposal of the product by the user instigates the application of sanctions according to Leg. Decree no. 22/1997 (article 50 and following of Leg. Dec. no. 22/1997).

Data, specifications and equipment which are described in this document are not binding and may be altered without prior notice.