

**INSTRUCTION
MANUAL
FOR
POT WASHING**

GE60

GE65

GE80

GE100

GE115

GE75

GE125

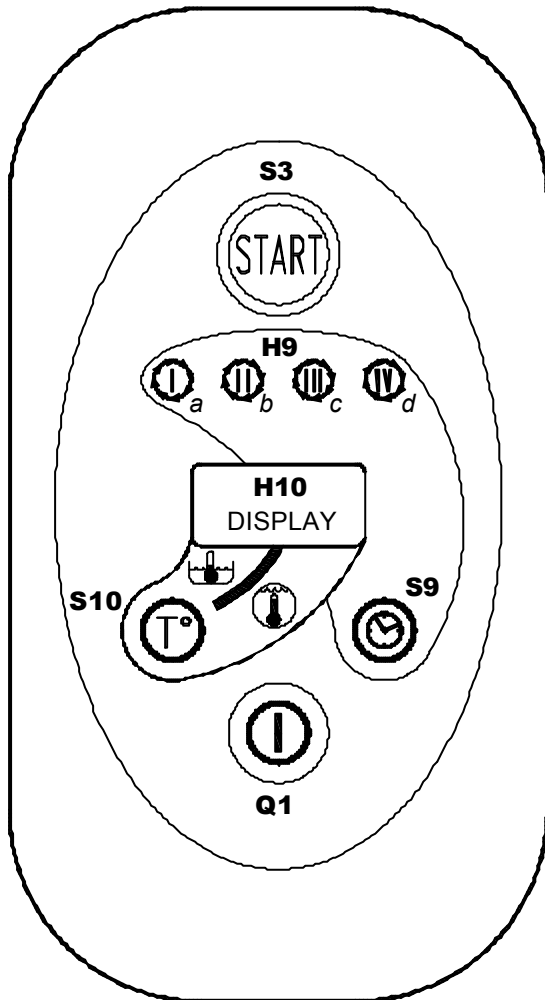
FOREWORD





1. Read the instructions contained in the present booklet carefully, because they supply important information on installation, operation and maintenance safety. Store this booklet carefully for any further consultation by other operators.
2. Having removed the packing material, check that all the equipment is present.
If there is any doubt, do not use it and contact qualified personnel.
The packing elements (plastic bags, foam polystyrene, nails, etc.) should be kept away from children, because they are dangerous.
3. Before switching the equipment on, make sure that the model plate data conforms to that of the electrical and water distribution network.
4. Installation should be carried out by qualified personnel according to the manufacturer's instructions.
5. This equipment should be destined to the use which it has been conceived for. Any other application should be considered improper and consequently dangerous.
6. The equipment should only be used by personnel trained for its use.
7. Operators must strictly follow all hygienic requirements in the handling of clean dishware and cutlery.
8. Do not leave the machine in an environment at temperatures lower than 0°C.
9. The protection of the machine is IP X4, therefore it should not be washed with high pressure directed water jets.
10. Qualified personnel only can access the control panel, after having disconnected the machine from the primary current supply.
11. The appliance is made according to EEC 89/336 regarding radio noise suppression and electromagnetic compatibility.
12. According to EEC directive nr.23 of 19/02/1973 and the law of actuation nr.791 of 18/10/1987, our appliances are built-up according to the good technique norms in force in Italy and abroad.
13. Noise level of the machine, less than 70dB(A)

INSTRUCTIONS FOR USE


OPERATION AND USE

CONTROL PANEL




-  **H9 a** - INDICATOR LAMP SHORT CYCLE
-  **H9 b** - INDICATOR LAMP MEDIUM CYCLE
-  **H9 c** - INDICATOR LAMP LONG CYCLE
-  **H9 d** - INDICATOR LAMP INTENSIVE CYCLE

H10 - DISPLAY

-  **Q1** - MAIN SWITCH

- START S3** - START PUSH BUTTON
* MANUAL/AUTOMATIC SELECTOR

-  **S9** - CYCLE SELECT PUSH BUTTON

-  **S10** - TEMPERATURE SELECT PUSH BUTTON

 - TANK TEMPERATURE

 - BOILER TEMPERATURE

OPERATION BEFORE WASHING

1. Make sure that:

??the wall-mounted on/off switch is switched on;

??the water and steam (*) cocks are open;

??water or steam (*) is present in the respective distribution networks;


??the pump protection filters are installed in the respective positions;

??the overflow is inserted.

??-temperatures used are those which are recommended at 55°C for washing and 85°C for rinsing.

(*) for steam machines only

SWITCHING ON

 When the machine is off, the display shows "**O.F.F.**"

2. To turn on the machine press the "Q1" switch.

The indicator light of the last cycle selected turns on ("H9 a-b-c-d").



The "H9b" indicator light turns on the first time the machine is turned on.

During the loading of the tank the display shows "**F. .2.**".

When the loading is completed, the boiler and tank heaters are turned on.

When the machine is ready, the display shows the tank temperature and turns on the selected cycle indicator light.

WASH CYCLE SELECTION

3. Press the "S9" button to select the wash cycle according to the dirtiness of the dishes:

??H9a **short cycle:** for glasses and cups;

??H9b **medium cycle:** for normally dirty dishes;

??H9c **long cycle:** for particularly deep or dirty dishes and for utensils;

??H9d **intensive cycle:** it is possible to perform an intensive wash that will remain activated until the "S3" button is pressed again or a maximum time of 8 min. is reached; the pause, rinse and drain (if required) phases will follow.

The objects to be washed, where from solid residuals shall have been previously removed.

N.B.: When the objects to be washed present burnt crusts, or a long time is elapsed from cooking up to the time of washing, it is necessary to make a previous softening in water at 50°C, by using an appropriate softening product.

STARTING THE WASH CYCLE


4. Press and hold the "S3" button (for about 5 sec.) to set the startup mode of the chosen wash cycle:

??"H9..." indicator light **turns on (steady):**

automatic startup by closing the hood.

??"H9..." indicator light **flashes:**

manual startup pressing the "S3" button.

 If the choice of startup of the cycle in *automatic* mode is performed with the hood lowered, it is necessary to lift and then close the hood to start the cycle.

It is important to know that:

? ?the activation of a cycle is shown by the sequential lighting of the indicator lights of the display;

? ?during the wash or drain phases the tank temperature is shown;

? ?during the dwell nothing is shown;

? ?during the rinse phase the boiler temperature is shown.

INTERRUPTION AND END OF WASH CYCLE

5. It is possible to momentarily interrupt the wash cycle by raising the hood; the operations will resume by lowering it.

Turning off the machine using the "Q1" switch terminates all active cycles.


Upon turning on the machine again, the indicator light of the last cycle selected will light and the display will show the alarm code "**A. .1.**" until a new cycle starts.

SELF CLEANING AND DRAIN CYCLE

6. At the end of the wash operations *turn off the machine* by pressing the "Q1" switch.

After having removed the overflow pipe and lowered the hood, press the "S3" button *for 3 sec.*

The self cleaning and drain cycle will start, turning on the drain pump for machines equipped with it.

 The display will show "**C. .1.**" during the entire cycle (2 min. and 30 sec.).

At the end of the autowash cycle, remove the tank filter to clean and replace along with the overflow hose in the correct position. For further information regarding the accessories please look under the section "USEFUL INFORMATION".

MANUAL DRAIN

7. It is possible to empty the tank at any time of the day.

With the machine off, take out the overflow pipe from the tank and wait until it is completely empty.

For machines equipped with drain pump it is possible to empty the tank by starting the manual drain cycle during which only the drain pump is active.

⚠ It is possible to perform this cycle only with the machine turned on.

After having taken out the overflow pipe, press the "S9" button *for 5 sec.* The drain cycle will start.

~~✂~~ The display will show "**C. .2.**" for the entire duration of the cycle (2 min. and 20 sec.).

At the end of the cycle it is recommended to remove the filters of the tank for cleaning and then put them back with the overflow pipe in their positions.

READING THE TEMPERATURE

8. Pressing the "S10" button it is possible to view in sequence the measured and programmed temperatures of the tank (t1) and of the boiler (t2) for the selected cycle.

? ? Pressing "S10" once the display shows the code "**t.1. .**" of the **tank**;

? ? pressing "S10" a second time shows the measured temperature "**x.x. .**"

? ? pressing "S10" a third time shows the programmed temperature "**x.x.P.**";

? ? Pressing "S10" a fourth time shows on the display the code "**t.2. .**" of the **boiler**;

? ? pressing "S10" a fifth time shows the measured temperature "**.x.x.**"

? ? pressing "S10" a sixth time shows the programmed temperature "**P.x.x.**";

? ? pressing "S10" again returns to the starting state.

⚠ The operations described above can not be performed during a cycle.

DEACTIVATING THE DISHWASHER AT THE END OF THE DAY

9. At the end of service, turn off by using the main wall switch and close the water and steam* valve.

(*) for steam machines only

DURING WASHING

1) Never deep naked hands in detergent water. Should this occur for any reasons, rinse them at once and thoroughly with fresh water.

2) While the machine is running, never open the door too rapidly.

3) Only use specific anti-frothing detergents.

4) Deactivate the equipment in case of fault or malfunction. For repairs, only address to a technical assistance center authorised by the manufacturer and impose the use of original spare parts.

If these conditions are not met, the equipment safety could be jeopardised.

AFTER WASHING

At the end of the washing operations:

1) Press "Q1" button to switch the machine off.

2) Take the overflow out to empty the tank.

3) When the tank is empty, take the filters out and clean them carefully.

4) Check and, if necessary, clean the swivels and the washing and rinsing jets, by taking them out of the respective stud bolt.

5) Wash the tank carefully by means of a water jet.

6) Replace the overflows and the filters in the respective seats.

7) Clean the outer surface of the machine by using a wet sponge; don't use water jets because, beside being dangerous they could damage the electrical parts; don't use abrasive detergents.

8) Disconnect the equipment from the mains voltage through the wall-mounted on/off switch and close the water and steam supply cocks (*).

ADVISES

1)IMPORTANT MAINTENANCE

Before carrying-out the cleaning and maintenance operations, disconnect the equipment from the mains power supply.

Check and clean the jets frequently. The frequency of such operation should be determined according to the amount of residuals and crusts or to the results of the washing operation not being satisfactory.

Never use corrosive products like sodium hypochlorite (chlorine water or similar) and chloride acid (muriatic acid), acids, steel-wools, steel brushes, to clean the inner and outer surfaces of the machine.

In order not to jeopardise the good operation of the equipment, in the presence of calcium or magnesium salts in the water it is suggested to make a periodical scaling; this operation should be carried-out by professionally qualified personnel.

In order to avoid any risks of oxidation or chemical aggressions in general, it is necessary to keep all steel surfaces well cleaned.

(*) for steam machines only

2)ACHIEVEMENTS

Any deficiency in the washing process is apparent when dirty residuals are visible. Any halos might be caused by an insufficient rinsing: in this case, check that the rinsing jets are clean and there is a sufficient pressure in the water distribution network.

In the case that dirty residuals are present, check that:

??the washing jets are clean

??the water temperature is 55°C

??there is detergent

??the pump suction filter is clean

??the positions of the objects in the rack are correct.

3)EXTENDED MACHINE STOP

Should the machine be stopped for an extended period of time (some weeks), it is suggested to make the machine run with no load and clean water, to prevent unpleasant smells and dirt from resting in the pump.

If necessary, repeat this operation several times until water is well clean after no-load washing.

If the stopping period is very long, it is suggested to oil the stainless steel surfaces by Vaseline oil.

4)SANITIZING

It is vital to thoroughly clean the machine at least once a week. It is advisable to use specifically a detergent which disinfects, the use of which will substantially increase the following advantages:

-establishes a secure hygienic state by using active detergents and disinfectants.

-maintains the machine in perfect hygienic conditions even during periods of non-use.

At the end of the operation, it is necessary to run the machine empty,so as to rinse it, for a few minutes.

5)DISENCRUSTATION

In the presence of the use of hard water, lime deposits may formulate internally and on the dishes, which for hygienic reasons and for good care of the machine must be removed by disencrustation.

The frequency of such procedure is according to the detergent manufacturers advice, those products which generally contain a phosphoric acid base.

So as not to damage the machine, do not exceed doses and when the operation is complete, rinse thoroughly.

6)LOADING AND UNLOADING OF THE MACHINE

For the transportation of the machine from the delivery point to the final installation position, use a fork lift or adequate lifting equipment used by authorised staff. Lift the machine by its frame, taking care that any protruding parts are not damaged (discharges, wiring etc.).

7)MACHINE DISMANTLING

At the end of its normal lifetime, the machine has to be taken apart according to the local regulations in force by separating the components as follows:

? ? metal parts: hood, platforms, frames, filters

? ? electrical parts: motors, remote control switches, microswitches, wiring

? ? plastic parts:connections

? ? rubber parts: tubes, sleeves

INSTALLATION AND MAINTENANCE INSTRUCTIONS

The following instructions are addressed to a qualified personnel, the only one authorised to carry-out checks and repairs, if any.

The manufacturer declines any responsibility in the case of interventions made by a non qualified personnel.

INSTALLATION

During installation, carry-out a good machine levelling, which is a prerequisite for a correct operation thereof. In order to prevent any damages caused by vapours going out of the machine, make sure that the surrounding materials don't deteriorate in their presence.

1) ELECTRICAL CONNECTION

The electrical power supply shall be fed to the machine by connecting it to a wall-mounted differential magneto-thermal on/off switch, with a contact aperture distance equal to or greater than 3 mm.

The said magnetothermal on/off switch should be rated according to the following table, as a function of the power supply voltage, the machine model, and the heating type (electrical or steam heating).

| Model | Heating type | Electrical rating (V) | Electrical loading (kW) | Electrical absorption (A) | Feeding cable (mm ²) | Wall switch (A) | Switch curve |
|--------|--------------|-----------------------|-------------------------|---------------------------|----------------------------------|-----------------|--------------|
| GE60 | electric | 380-400V/3N | 7,5 | 11,5 | 2.5 | 16.0 | C |
| GE65 | electric | 380-400V/3N | 9 | 13,7 | 2.5 | 16.0 | C |
| GE75 | electric | 380-400V/3N | 9 | 13,7 | 2.5 | 16.0 | C |
| GE80 | electric | 380-400V/3N | 10,5 | 16 | 4 | 20.0 | C |
| GE100 | electric | 380-400V/3N | 12 | 18,5 | 4 | 25.0 | C |
| GE115 | electric | 380-400V/3N | 15 | 23 | 6 | 32.0 | C |
| GE125 | electric | 380-400V/3N | 15 | 23 | 6 | 32.0 | C |
| GE60V | steam | 380-400V/3N | 1,5 | 2,5 | 2.5 | 6.0 | K |
| GE65V | steam | 380-400V/3N | 3 | 5 | 2.5 | 10.0 | K |
| GE75V | steam | 380-400V/3N | 3 | 5 | 2.5 | 10.0 | K |
| GE80V | steam | 380-400V/3N | 1,5 | 2,5 | 2.5 | 6.0 | K |
| GE100V | steam | 380-400V/3N | 3 | 5 | 2.5 | 10.0 | K |
| GE115V | steam | 380-400V/3N | 6 | 9,5 | 2.5 | 16.0 | K |
| GE125V | steam | 380-400V/3N | 6 | 9,5 | 2.5 | 16.0 | K |

N.B.: Check that the voltage which the machine is set to correspond to the power supply voltage available.

Power cable cross section must not be less than that indicated in the table. If the cables are not protected by a sheathing, use a flexible, protected cable in Polychloroprene with equivalent H07RN-F characteristics.

Check the line length; should it be too long, conform the line cross section to such line length and to current drain; don't submit the power supply cable to traction.


Cable must be connected to X1 terminal block passing through the cable brake (see refer to electrical diagram).

The electrical safety of this equipment is only assured if it is connected as follows.

It is necessary to connect the equipment to an effective ground installation, as specified by the electrical safety regulations in force.

Check that this basic requirement is complied with and, in case of doubt, ask for a careful check of the installation by a qualified personal.

In addition, the equipment shall be part of an equipotential system, the effectiveness of which should be checked according to the regulations in force.

The connection should be made at the screw marked by the respective label located on the equipment back side. ()

The manufacturer declines any responsibility for any damages caused by lack of an effective ground installation.

2) WATER CONNECTION

Install a water cock in a well accessible place, terminating in a 3/4" gas fitting, which the draining pipe shall be connected to.

Carefully comply with any national or regional regulations in force.

The operating pressure should not be less than 2 bar nor greater than 4 bar (200/400 kPa). In order to get a good result, it is suggested that the feeding water has an hardness not greater than 5/10°F and a temperature of 55°C - 0+10°C.

3) STEAM FEEDING (*)

As far as steam feeding is concerned, connect to the machine fittings indicated in the installation drawings. In order to make the equipment independent from the general steam distribution network, it is necessary to use gate and 1" gas on/off valves.

This type of feeding should be supplied at a pressure ranging from 0.5bar (110,8°C-50kPa) to 2bar (132,9°C-200 kPa).

The steam used should be absolutely saturated and dry.

4) WATER DRAINING

Install a water drain at the floor level, complete with siphon, and connect to the drain through a flexible pipe, making sure that there are no throttlings along it. Make sure that the draining pipe is resistant at a temperature of 70°C.

5) STEAM EXHAUST (*)

The condensed steam exhaust shall have an appropriate slope toward the recovery installation or a blow-by pump, in order to guarantee an autonomous scavenging of the condensed steam.

(*) for steam machines only

6) VIEWING AND SETTING PARAMETERS

The parameter programming environment can be accessed only with the machine off, by pressing the "S3" button. for 10 sec.

There are three types of programmable parameters:

- P setting of functions (same for all cycles);
- T setting of temperatures (for each single cycle);
- L setting of wash cycles duration (for each single cycle).

✍✍ The display will show "**P.r.o.**" and the indicator light selected at that time will flash.

FROM THIS STATE IT IS POSSIBLE TO PROCEED TO THE PROGRAMMING IN SEQUENCE OF ALL THE PARAMETERS.

6.1 CHANGING THE "P" PARAMETERS

Press button "S3" to enter the programming phase for the "P" parameters.

✍✍ The display shows "**P.1. .**".

To confirm and to view the "P" parameters in sequence (P1-P2-P3-P4-P5) press "S3".

Use the "S9" and "S10" buttons to change the state of the parameter (0-1).

To exit the programming environment just do not press any button for at least 10 sec.

SETTING STANDARD PARAMETERS –P-

| PARAMETER | FUNCTION | STATE |
|-----------|---|----------|
| P1 | Water fill normal/ cold | 1 |
| P2 | Normal / with pre-rinse | 1 |
| P3 | Heating commutated /simultaneous | 0 |
| P4 | N° wash pumps 1 / 2 | 1 |
| P5 | Boiler safety active / not active | 0 |
| P6 | Startup safety on the temperature tank active / non active | 0 |

6.2 CHANGING "T" and "L" PARAMETERS

Choose the cycle to change using the "S9" button.

Press the "S10" button to enter the programming phase.

 The display shows "**t.1.** .".

Press "S3" to view the value set for the tank temperature of the cycle selected.

Use the "S9" and "S10" buttons to decrease or increase the value of the temperature.

Press "S3" again to confirm and proceed to the choice of the subsequent parameters (in sequence T2-L1-L2-L3-L4-L5).

To exit the programming environment just do not press any button for at least 10 sec.

STANDARD SETTINGS OF T AND L PARAMETERS

| PARAMETER | FUNCTION | SHORT CYCLE | MEDIUM CYCLE | LONG CYCLE | INTENSIVE CYCLE |
|-----------|---|-------------|--------------|------------|-----------------|
| | | (H9a) | (H9b) | (H9c) | (H9d) |
| T1 | TANK TEMPERATURE | 55°C | 55°C | 55°C | 55°C |
| T2 | BOILER TEMPERATURE | 85°C | 85°C | 85°C | 85°C |
| L1 | WASH TIME | 80sec. | 200sec. | 320sec. | 565sec. |
| L2 | PAUSE TIME | 10sec. | 10sec. | 10sec. | 10sec. |
| L3 | RINSE TIME | 15sec. | 15sec. | 15sec. | 15sec. |
| L4 | OSMOSIS RINSE TIME (optional) | 15sec. | 15sec. | 15sec. | 15sec. |
| L5 | DRAIN TIME (optional; for Dumper machines) | (00) | (00) | (00) | (00) |

6.3 STANDARD PARAMETERS CONFIGURATION

N.B.: Pressing the "S10" button for 10 sec when the machine is off automatically configures all the parameters (P-T-L) as shown in the Table.

 The display shows "**P.S.t.**" to confirm the programming.

ATTENTION: See page "24" to charge the configuration standard.

7) **SELF DIAGNOSTICS: ALARMS AND FUNCTIONS ON THE DISPLAY**

The alarm codes and indication of the functions active while the machine is operating are:

? ? **OFF.:** MACHINE OFF.

? ? **A 1:** CYCLE NOT COMPLETED (appears upon turning the machine on after interrupting a cycle using the "Q1". main switch)

? ? **A 2:** BOILER OVERHEATING (the temperature in the boiler exceeds 105°C – *the active cycle is finished*).

? ? **A 3:** TEMPERATURE PROBE NOT CONNECTED (the heater of the probe in alarm state is disconnected - *the active cycle is finished*).

? ? **A 4:** TANK NOT FILLED WITHIN 30 min.(turn off and then turn on the machine).

? ? **A 5:** BOILER NOT HEATING WITHIN 30 min.

? ? **H 1:** RINSE WATER TEMPERATURE (at least 15°C below the set value - *the active cycle is finished*).

? ? **H 2:** NO WATER SUPPLY (no incoming water for at least 2 sec. – OPTIONAL - *the active cycle is finished*).

? ? **H 3:** TANK TEMPERATURE (at least 10°C below the set value - *the active cycle is finished*).

? ? **F 1:** DOOR OPENING (opening the door during a cycle).

? ? **F 2:** INITIAL LOADING PHASE.

? ? **C 1:** SELF CLEANING AND DRAIN CYCLE (for the entire duration of the cycle).

? ? **C 2:** DRAIN CYCLE (for the entire duration of the cycle).

? ? **P.r.o.:** PARAMETERS PROGRAMMING.

? ? **P.S.t.:** PRESET LOADED.

In case of multiple simultaneous alarms the display will show the codes on the basis of the following priorities:

1. H1-H2-H3
2. A1-A2-A3-A4-A5
3. F1-F2

ELECTRICAL INFORMATION

| | |
|-------|----------------------------------|
| A1 | control console |
| A2 | printed circuit board |
| B2 | Drill for boiler temperature |
| B3 | Drill for tank temperature |
| C1 | noise filter |
| E2 | Boiler heater |
| E3 | Tank heater |
| F | Main fuse |
| FA2 | Printed circuit fuse |
| FKE2 | Boiler heater fuses |
| FKE3 | Tank heater fuses |
| F2 | Rinse pump overload relay |
| F3 | Wash pump overload relay |
| F3a | Wash pump overload relay |
| H9... | Cycle selected indicator lamp |
| H10 | Display |
| K1 | Main relay |
| KE2 | Boiler heater contactor |
| KE2b | Boiler heater safety contactor |
| KE3 | Tank heater contactor |
| KM2 | Rinse pump contactor |
| KM3 | Wash pump contactor |
| KM3a | Wash pump contactor |
| KM5 | Drain pump contactor |
| KY2 | Relay for Y2 |
| KY12 | Relay for Y12 |
| M2 | Rinse booster pump |
| M3 | Wash pump |
| M3a | Wash pump |
| M5 | Drain pump (by request) |
| MB | Rinse-aid dispenser (by request) |
| MD | Detergent dispenser (by request) |
| Q1 | Main switch |
| S1 | Door microswitch |
| S2 | Pressure switch |
| S3 | Start push button |
| S9 | Cycle select push button |
| S10 | Temperature select push button |
| SE2b | Boiler heater safety thermostat |
| Y1 | Water inlet solenoid valve |
| Y2 | Tank fill/rinse solenoid valve |
| Y12 | Pre-rinse solenoid valve |
| YV2 | Tank steam solenoid valve |
| YV3 | Boiler steam solenoid valve |
| X1 | Terminal block |

A LIST OF DRAWBACKS POSSIBLY OCCURRING WITH THE USE OF THE POT-WASHING MACHINE, THEIR CAUSES AND POSSIBLE REMEDIES

DRAWBACK

POSSIBLE CAUSES AND REMEDIES

The display indicates "O.F.F."

A)Check that the wall-mounting switch is ON and the respective fuses are not burnt

The tank does not fill up

A)Check that pressure switch S2 is not calibrated or out of service

B)Check that the feeding water intercept valve is open and water is present in the piping system.

C)Check that the overflow is in the respective position.

D)Check that the coil of the solenoid valve is not broken and that voltage is fed there to.

The tank does not stop being filled upon reaching the desired level

A)Check that the trap of the pressure switch has no porosities and the connection pipe is not disconnected.

B)Check that the pressure switch is in good conditions and is not calibrated.

C)Check that there is no dirty in the solenoid valve. This drawback can be noted because the machine continues to load water, whilst the main on/off switch is off.

D)In case of the machine remains full of tank water for many hours (overnight) the machine will continue to fill. Thus drain completely the tank and then re-fill.

DRAWBACK***POSSIBLE CAUSES AND REMEDIES***

Insufficient washing

A) Check that the detergent is effective, is of the type recommended for industrial pot-washing machines, and it is proportioned for the right concentration.

B) Check that the detergent container is not empty and operates correctly.

C) Check that the jets of the washing swivels are not clogged. If necessary, clean them.

D) Check that the tank temperature is the specified one.

E) One or several pumps don't operate, in this case check that:

the overload cut-out did not switch the pump in question and, if necessary, restore it

the fuses or the coil of the respective remote switch are not broken

the pump is not blocked or rotates in the reverse direction.

Tank temperature insufficient
(alarm "H. .3.")

A) Check that the thermostat is not faulty or not calibrated.

B) Check that the temperature of the feeding water is in the range from 50° -0/+10°C, as specified.

C) Check that the temperature is set to the 50°C

DRAWBACK***POSSIBLE CAUSES AND REMEDIES***

Insufficient rinsing

D) Check that the fuses and the coil of the remote switch relevant to the tank resistor are not broken (this applies to electric heating machines only).

E) Check that the heater element is effective.

Prior to checking the rinsing system make sure that the washing system operates correctly, as a matter of fact an effective rinsing also depends on a correct washing. Having ascertained that washing takes place correctly, check that:

A) The dynamic pressure of the feeding water is not less than 2 bar (200 kPa)

B) The jets are not clogged by calcareous residuals.

C) Solenoid valve Y1 Y2 and Y3 operate correctly.

D) The water inlet filter is not clogged.

E) The booster is not scaled to such an extent as to limit the water flow rate.

DRAWBACK

Insufficient rinsing
temperature
(alarm "H. .1.")

POSSIBLE CAUSES AND REMEDIES

A)The temperature of the feeding water is in the range from 55° to 65°C, as specified.

B)The dynamic pressure of the feeding water does not exceed 2bar (200 kPa).

C) The rinsing jets are not too wide, if otherwise replace them.

If the drawback is not due to any of the causes listed here above, proceed as follows:

In the case of electrical heating machines

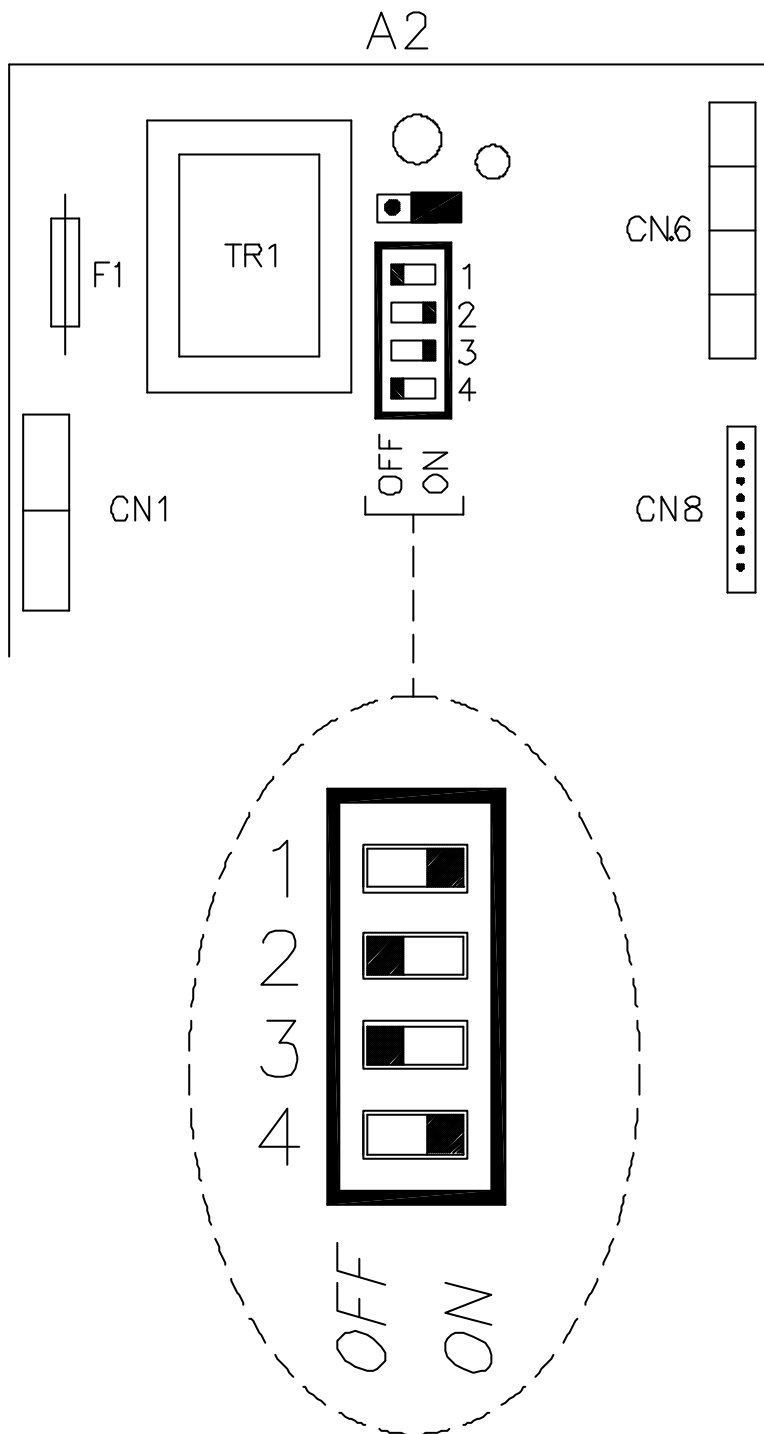
- check that fuses FKE2 are not out of service
- check that the coil of remote switch KE2 (or KE2b) is not broken
- check that the safety thermostat SE2b did not trigger
- check all elements of boiler heater E2.

DRAWBACK***POSSIBLE CAUSES AND REMEDIES*****In the case of steam heating machines**

- check that the steam inlet gate is open and is present at a pressure not less than 0.5 bar (50 kPa)
- check that the condensed steam drainage filter is not clogged
- check that the steam solenoid valve YV10 operates correctly
- check that the inlet steam filter is not clogged to such an extent as to prevent the normal flow rate
- check that the condensed steam outlet pipe can freely drain by drop
- check that the pipe coil is not scaled to such an extent as to limit the heat exchange thereof.

The manufacturer declines any responsibility for any printing errors contained in this booklet. The manufacturer also reserves the right to make any modifications to its products that don't affect the basic characteristics thereof.

STANDARD CONFIGURATION



GE...



GE-E
06-2003