

TECHNIQUE

DOCUMENTATION

FRONT LOADING DISHWASHER

INO 45

OPERATING INSTRUCTIONS

- MANUFACTURER'S SPECIFICATION

**. Operation
Maintenance**

- GUARANTEE

To ensure the guarantee on this equipment we recommend that you follow the MANUFACTURER'S SPECIFICATION for use, routine and regular maintenance as outlined in these instructions.

Consumables and parts subject to wear are not covered by the warranty.

If you can not undertake the required maintenance operations our installation and service network is available to provide you with a personalised maintenance contract.

- WARNING

The product delivered to you complies with current applicable standards. If any modifications are made the manufacturer can accept no responsibility whatsoever, nor can the manufacturer be held responsible in the event of incorrect use of the appliance

This machine is designed for professional use and should only be used qualified personnel.

Read this document carefully before using the machine.
Keep it for future reference.

OPERATING INSTRUCTIONS

INO 45 DISHWASHER

CONTENTS

1. Technical characteristics
2. Installation
3. Operation
4. Practical advice for use
5. Maintenance
6. Electrical drawings
7. Hydraulic circuits
8. Spare parts
9. Emergency spare parts

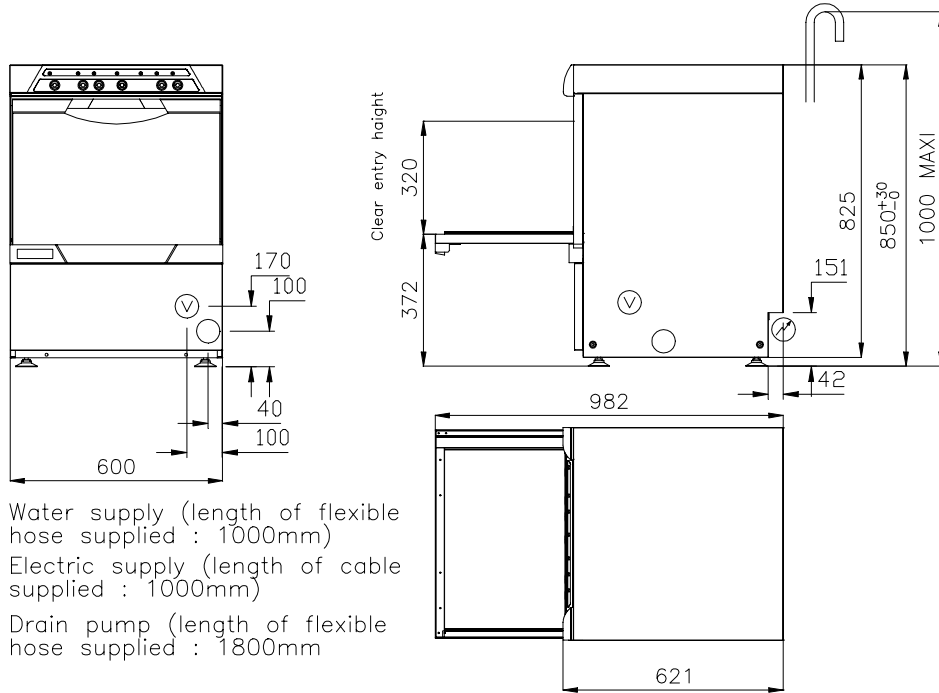
TECHNICAL CHARACTERISTICS - TECHNICAL CHARACTERISTICS



BONNET GRANDE CUISINE

Siège social:
Rue des Frères Lumière - ZI Mitry Compans
77292 MITRY MORY Cedex

A 021 H 10 - A 041 H 10



- Water supply (length of flexible hose supplied : 1000mm)
- ⊘ Electric supply (length of cable supplied : 1000mm)
- ∇ Drain pump (length of flexible hose supplied : 1800mm)

DIMENSIONS

Width (mm) : 600 - Depth (mm) : 621 - Height (mm) : 850

PACKING

Length (mm) : 1000 - Width (mm) : 616 - Height (mm) : 705

| Codes | INO 45 | |
|-------------------|------------|------------|
| | A 021 H 10 | A 041 H 10 |
| Net weight (kg) | 64 | 79 |
| Gross weight (kg) | 68 | 83 |

TOTAL POWER INSTALLED (KW)

INO 45 cold or hot from 4 kw to 10 kw.
Wash pump = 0.75 kw
Rinse pump = 0.11 kw
Drain pump = 0.09 kw
Wash tank heater = 1.5 kw
Voltage (50 Hz) : 3 ~ 400 V + N + E Can be wired 3 ~ 230 V + E or single phase 230 V + Earth

WATER CONNECTION

- Min. pressure : without softener 2 bar, with softener 3,5 bar. Max pressure : 4 bar
- Supply 20 x 27mm water not exceeding 70ppm – at a temperature of up to 65°C - 1000mm of hose supplied
- 40mm ø drain standpipe – 1800mm of drain hise supplied

ELECTRICAL CONNECTION

- Electrical inlet at 200mm above floor level (avec 1000mm of cable supplied)
- Provide suitably rated local isolation compling with NFC 15100.

Non contractual document C271701-02/00

INSTALLATION – INSTALLATION – INSTALLATION – INSTALLATION

For the nature and position of connections, refer to “ Technical characteristics ” at the beginning of these instructions.

* GENERAL REQUIREMENTS

The installation, modification or repair of this dishwasher should be undertaken by an approved specialist to current standards.

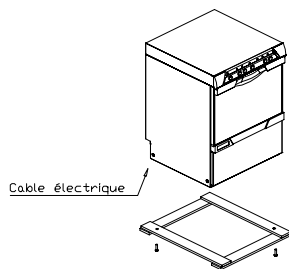
* HANDLING

Handling should be undertaken using a suitable lifting device, such as a pump truck.

If the dishwasher has to be moved, it should be left on its original pallet and it should not be stacked.

If the machine must be moved especially in the absence of its original pallet, it must be carried and not dragged.

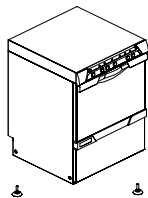
* UNPACKING



- Remove the pallet by unscrewing the two 10mm Ø bolts.

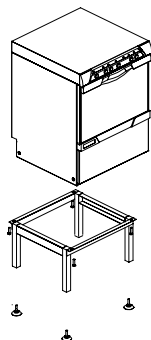
- Release the cable and hoses from the rear of the machine.

* Dishwasher without raising element



- Fit the 4 adjustable feet (they are in a bag inside the dishwasher).

* Dishwasher with raising element



- Fit the adjustable feet to the stand legs.

- Fit the machine onto stand and secure it with the 4 bolts supplied.

NOTE : Level the machine using the adjustable feet.

INSTALLATION – INSTALLATION – INSTALLATION – INSTALLATION

* CONNECTIONS

* Electrical connection

Make sure that both the mains voltage and frequency on site corresponds to those indicated on the manufacturer's rating plate on the machine.

Before connecting to mains, make sure supply is isolated. Ensure that the earthing is adequate to provide the required level of safety for the operator and the machine and conforms to current regulations.

It is important to undertake these checks beforehand. If in doubt, have the equipment and installation carefully checked by a qualified electrician.

In addition, the machine must be **earth bonded by means of the screws indicated by the symbol** ⚡. **The equipotential conductor should have a section of 10 mm².**

The earth bonding terminal is located behind the machine on the right at low level..

The supply cable should only be replaced by a cable with the same section and type (H07 RN-F).

The dishwasher is delivered with a 1 m long supply cable; the machine can be connected as indicated below:

- 400 V 3N – 50 Hz
- 230 V1 – 50 Hz
- 230 V3 – 50 Hz

Refer to the electrical diagram (Section 6) for wiring modifications.



Ensure that there is a suitably rated local isolator (with a distance of at least 3mm between contacts).



THE INSTALLATION MUST COMPLY WITH CURRENT STANDARD.

* Hydraulic connection

Before connecting the machine to the water supply, ensure that a stop cock is fitted so that the supply can be turned off if necessary, or in case of repair.

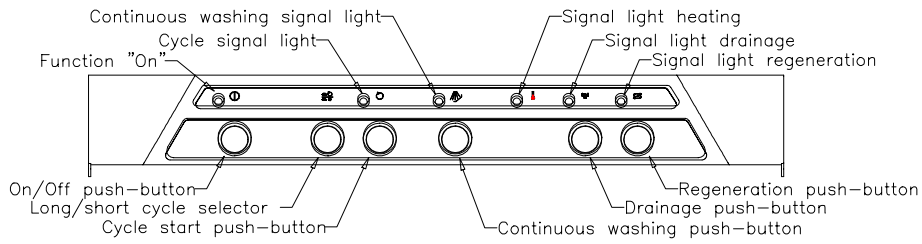
The minimum water pressure, measured at the machine when rinsing (dynamic pressure), especially when there are other valves open on the same line, must comply with the technical characteristics

* Drain connection

Make sure that the drain connection is not above 1 m from the floor.

NOTE: Refer to the technical characteristics.

PUTTING IN SERVICE - PUTTING IN SERVICE - PUTTING IN SERVICE



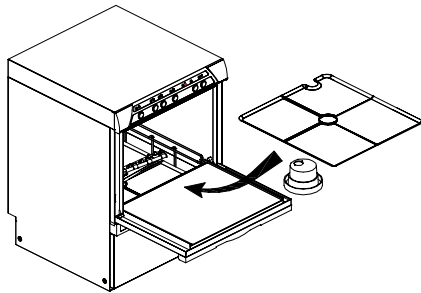
*** DETAILS OF THE CONTROL PANEL**

*** BEFORE USE**

Carry out these operations **BEFORE** washing the first rack:

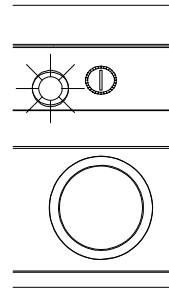
- **15 minutes before** (if your machine is connected to hot water)
- **1 hour before** (if your machine is connected to cold water).

* 1 Check the correct position of the filters

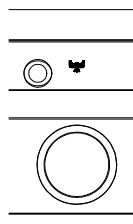


* 4 Close the door

* 5 Push the On/Off button in.
The amber light comes on

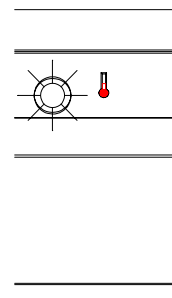
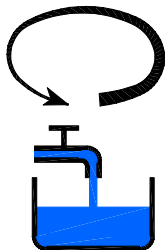


* 2 Check that the drain button is out

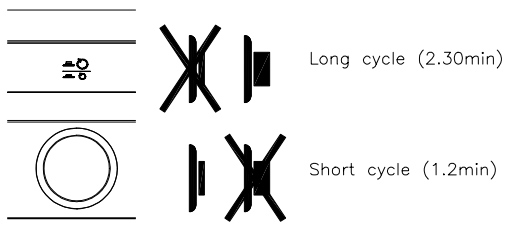


* 6 The machine fills with water, then heating starts. The indicator goes out when the temperature is reached, the machine is then ready to operate.

3 Open the water supply



- If your machine is not fitted with a detergent dosing system, introduce the amount detergent recommended by the manufacturer (Tank capacity = 24 litres).
- Load a rack of dirty dishes
- Set the cycle selector to the washing time.



- Close the door
- Press the button to start the cycle. The cycle starts. The programme light comes on.



At the end of the cycle, open the door.

- Remove the rack of clean dishes
- Put a further rack of dishes in.
- Close the door and start a new cycle by pressing the start button.



- If your machine is not fitted with an external detergent dosing system, add a dose of detergent corresponding to 14 litres water every 4 racks.

- Selection continuous washing.

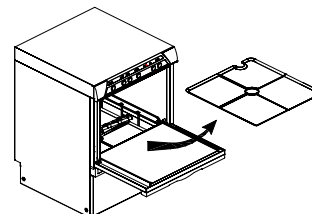
Press the continuous wash button, then press the cycle start button.

To stop continuous wash, press the continuous wash button again and wait until the rinse cycle has finished.

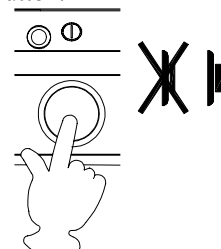
NOTE: If there is a prolonged period between racks, the door should be closed to conserve heat and reduce electrical consumption.

After service

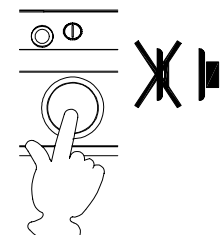
- Open the door
- Remove the filter trays; take care not to drop waste into the tank.



- Remove and clean the filter.
- Press the drain button.



- When the tank is empty, press the drain button again.
- Remove any waste remaining in the tank.
- Close the door. The machine fills up.
- When full, start a short cycle by pressing the cycle start button. In the meantime, wash and brush the filter trays and basket.
- At the end of the cycle, open the door drain the tank.
- Check that the wash arms rotate freely. If a nozzle is blocked, see the section on “Dismantling of wash arms”.
- Refit the filter trays and baskets.
- Switch the On/Off button to “Off”.



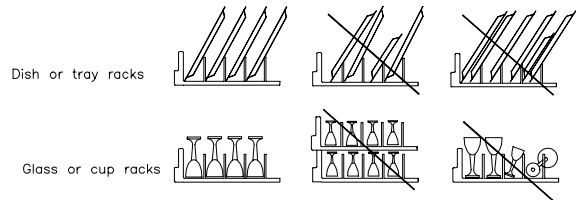
- Carefully wipe the tank with a sponge.

PRACTICAL ADVISE FOR USE - PRACTICAL ADVISE FOR USE -**LOADING DISHES (CROCKERY)**

Remove all remains of food or other waste from the plates .
And empty any containers. Items with dried on food should
be soaked prior to washing to lift the food.

Put dirty dishes in the racks. To obtain the best results, you
should :

- ⇒ Put each item into a suitable rack
- ⇒ Avoid overloading the racks;
- ⇒ Place hollow objects upside down in the rack and never
place them on top of one another.



Use compartmented racks for washing glasses in an inclined
position.

Preferably place cutlery in holders (handles down)

POSSIBLE PROBLEMS

The dishes are still dirty after washing.

- ◆ There is food residue on dishes.
 - Insufficient pre-soaking
 - Washing time too short
 - Insufficient concentration of detergent
 - Wash or rinse nozzles blocked.
- ◆ White marks on glasses
 - Hard water; have a water softener installed or carry out a regenerating operation.
- ◆ Cloudy glasses after several washes
 - Heavily mineralised water; use a descaling agent
- ◆ Drying time too long
 - Check for rinse aid and the amount used.
- ◆ Detergent marks on dishes
 - Too much detergent
 - Insufficient rinsing (rinse nozzles blocked).
- ◆ Spotting on cutlery (Caused by the acids in various food).
 - Regularly carry out renovation using an adequate product)

Marks caused by the sharp edge of knives on certain type of crockery, and food particles penetrating scratches and staining crockery.

Regularly renovate using an adequate product.

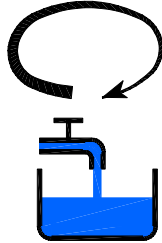
- ◆ Too much foam.
 - Wash temperature below 50 °C
 - Dosing of rinse aid too high
 - Clogged filter.
 - High concentration of milk products in the wash water.

MAINTENANCE - MAINTENANCE - MAINTENANCE - MAINTENANCE -

To ensure your warranty, carry out the following maintenance operations:

*** After service**

- Switch off the electric supply
- Turn off the water supply at the stop cock



- **Check the levels of:**
 - rinse aid
 - detergent
 - regenerating salt (softener option)

Top up if necessary.

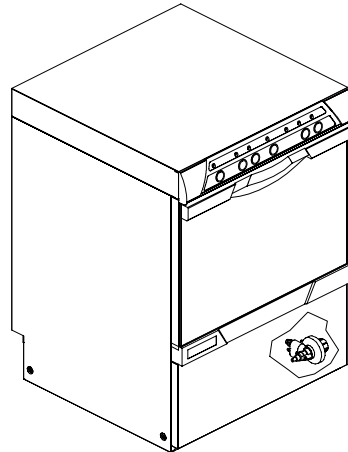
- Leave the door open to aid drying of the dishwasher.

*** Access to the rinse aid dispenser, and to the salt tank (softener option)**

- Rinse aid dispenser: located behind the lower front panel.
- Salt container (inside the wash tank)

*** Adjusting the *rinse aid* dispenser:**

The rate of output of the dispenser is adjusted via a screw accessible through the front panel. Correct, if necessary, depending on the results obtained when washing the dishes.



The rinse aid dispenser is factory-adjusted. It is possible to modify this adjustment by removing the lower front plate.

- Turn clockwise to reduce the quantity injected
 - Anti clockwise to increase the quantity
- WARNING.** Never screw or unscrew to the maximum.

NOTE : To prime the dispenser rapidly, pump in and out on the adjusting screw (Avoid unpriming the dispenser by keeping the rinse aid topped up).

MAINTENANCE - MAINTENANCE - MAINTENANCE - MAINTENANCE -

To ensure your guarantee, carry out following maintenance :

At the end of the week, in addition to daily operations

- Brush and wash the interior of the machine to remove any greasy film that may adhere to the machine walls.
- Special descaling products may be applied as per the manufacturer's recommendations. Ensure adequate dilution and you must rinse the machine several times in order to eliminate all traces of product.
- Clean the exterior of the machine with a suitable stainless steel cleaner.

Once a month

- Run the machine for 5 to 10 minutes with a special descaling and disinfecting product for dishwashers. Empty the tank and rinse thoroughly.
- Check general cleanliness and if necessary clean the interior of the machine and the door baffle.

Once a year

- A full service check by an approved engineer to change, if necessary, worn parts:
 - * Wash arm hub and bearings;
 - * Product dispenser pipes.

Important recommendations

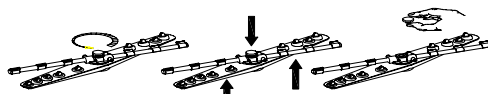
- This machine is exclusively reserved for washing dishes. Do not use it for any other purposes.
- It complies with current safety requirements. Repairs should be carried out by an approved agent. Incorrect repairs may seriously endanger the user.
- In the event of modifications to the machine, the manufacturer accepts no responsibility.

- This **machine** must be connected to an **isolator** combined with **suitably rated fuses**. **Switch off the supply to the machine before any intervention.**
- * Make sure that your dishes are dishwasher proof.
- * Use only detergents suitable for commercial dishwashers.
- * Never use solvents for cleaning, nor abrasive pads that might scratch stainless steel and graphics.
- * Do not wait until the rinse aid runs out before refilling, otherwise it will be necessary to re-prime the dispenser.
- * Never hose down the dishwasher.
- * Never touch the heating element after having emptied the tank, you may burn your hands.
- * Detergent products are heavily corrosive, always follow the manufacturer's recommendations. Take care when handling them. To avoid stains forming do not leave them in contact with stainless steel for prolonged periods. Switch the machine on immediately after having introduced detergent.
- * The water from the dishwasher is not drinkable !
- * Never lean on the opened door, the machine may tip over and be damaged.
- * Do not allow unqualified personnel to use the machine.
- * There is an air vent behind the dishwasher, allow for **sufficient air flow for built-in units**.
- * For proper operation of the machine, **the dynamic water pressure**, must be **less than 4 bars**. Refer to Section 1 – 1.
- **Model without water softener:** the **maximum hardness of water** must not exceed 70ppm. Greater hardness will result in poor wash results, accelerated scaling of the machine and may damage the heating elements.

To enable us to guarantee this equipment, you have to carry out the following maintenance operations:

*** DISMANTLING THE WASH ARMS to free a blocked nozzle**

- Slacken the retaining nut
- Free the wash arm by lifting whilst pressing down on the nut
- Unscrew the nut completely and remove the wash arm.
- Unblock the nozzle in question and clean the wash arm.
- Push the wash arm down on its conical pivot



MAINTENANCE - MAINTENANCE - MAINTENANCE - MAINTENANCE -

*** REGENERATION**

- **Check the level of regenerating salts in the holder**
- The periodicity depends on the hardness of the water supplied by your public network and the quantity of racks of dirty dishes treated every day.

| Degre TH Nber.racks/h | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
|--------------------------|--------|--------------|--------|--------|---------------------|--------|----|
| 5 | 9 days | 6 days | 5 days | 4 days | 3 days | 3 days | |
| 8 | 8 days | 5 days | 4 days | 3 days | 3 days | | |
| 10 | 7 days | 5 days | 4 days | 3 days | Every 2 days | | |
| 13 | 6 days | 4 days | 3 days | | Every 2 days | | |
| 15 | 4 days | 3 days | | | Every 2 days | | |
| 18 | 4 days | | | | Every 2 days | | |
| 20 | 4 days | Every 2 days | | | Every 2 days | | |
| 25 | 3 days | | | | Every 2 days | | |
| 30 | 3 days | | | | Every 2 days | | |
| 35 | 3 days | | | | Every 2 days | | |
| 40 | | | | | Every 2 days | | |
| 45 | | | | | After avery service | | |
| 50 | | | | | After avery service | | |

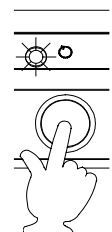
The table indicates the suggested frequency, any signs of limescale confirms that regeneration is overdue

- Open the door
- Press the drain control button.
- When the tank is empty, press again the drain button again.
- Close the door
- Press the regeneration button for 2 to 3 seconds



The regeneration indicator light comes on for the entire duration of the cycle (approx. 20 min.)
When the light goes off, regeneration is over.

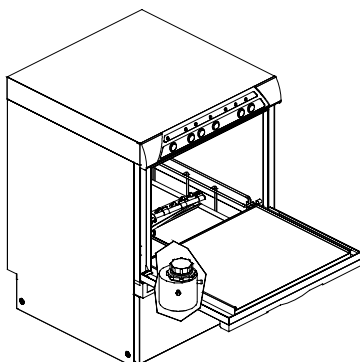
- Drain the tank again and switch off the machine



Note : A regeneration cycle should be started when the wash tank is empty.
Starting a regeneration cycle prevents the operation of the machine until it is completed.

• FILLING THE SALT CONTAINER

- Refill using proprietary salt granules or tablets.



WARRANTY

WARNING ! NO WARRANTY IS UNCONDITIONAL

Our warranty only applies to normal usage, i.e. in strict compliance with the recommendations indicated in our service and maintenance notices.

It is also only valid if our technicians carry out the regular recommended service and/or inspection visits.

Subject to the above reservations, our appliances are normally guaranteed for a period of one year, running from their date of manufacture. In the event of breakdowns due to defects or to constructional errors either apparent or hidden, throughout the period of warranty our appliances are repaired at our cost, parts and labour included.

For the warranty to be effective, our appliances should not have been modified nor repairs carried out with parts which are not original or approved by us, or by non-qualified personnel or those who have not been trained by us.

In the event of a breakdown or failure, the purchaser should inform us in writing as soon as possible of any defect attributed to our appliances. No attempt, should be made to remedy the defect directly or via a third party

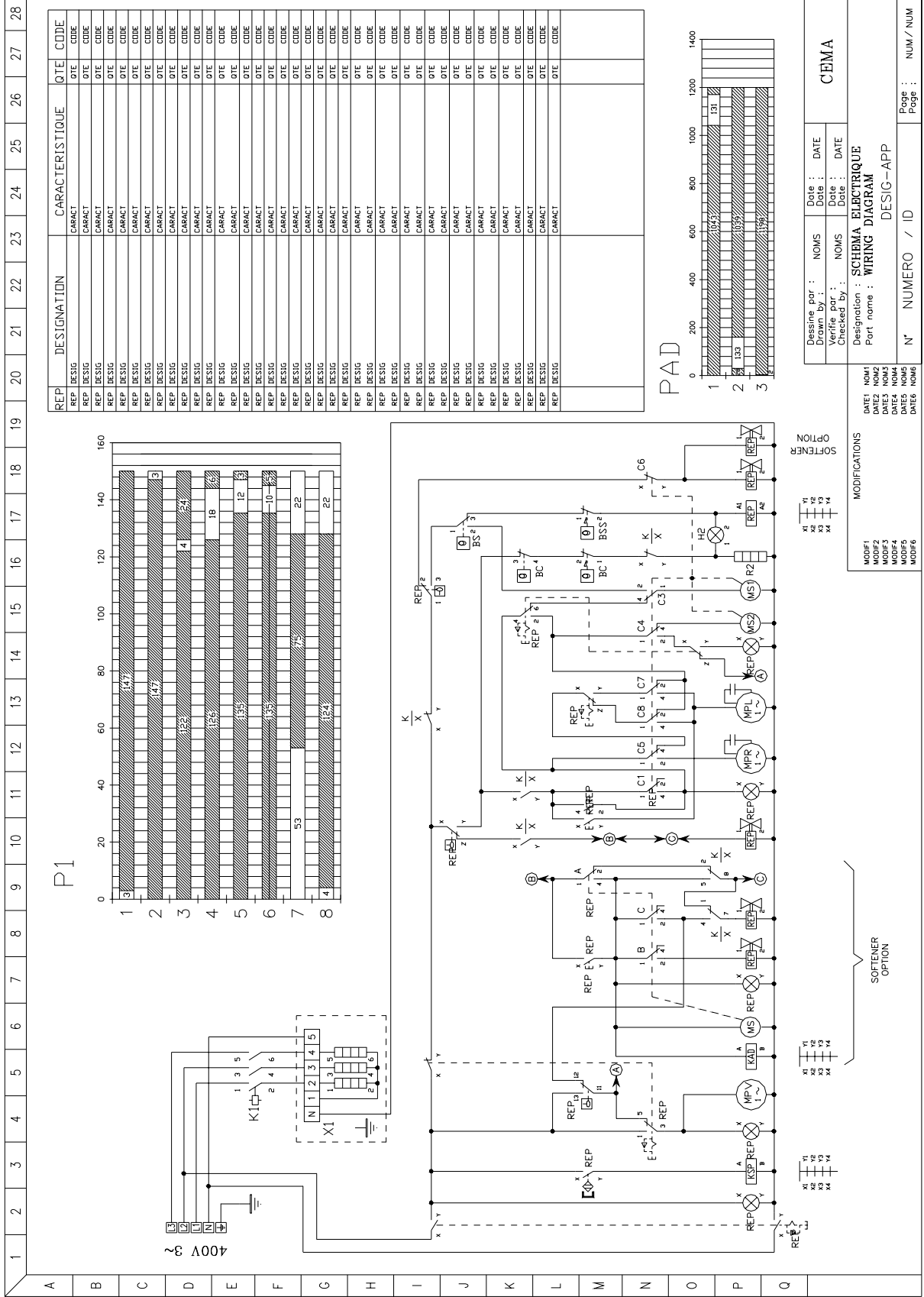
Regular service inspections and maintenance by our engineers are an essential condition for correct and reliable operation of our equipment. Such service and maintenance operations can and must only be carried out by our technicians, who are not only fully qualified but also trained to do so. They have the right tooling, original spare parts and are given regular training updates on the appliances. Periodic servicing is essential, it is carried out at a cost but guarantees reliable operation of our appliances.

The timing of service and maintenance is relative to the conditions of use. In the event of heavier conditions, it will be necessary to carry out certain operations more frequently.

WARNING : Damage caused by the connection of our appliances to a power supply which does not comply with the instruction plate (voltage, phase/neutral cycles...) or with the phase order (particularly important for three-phase motors, direction of ventilation, jacks...) shall in no case covered by our warranty.

For this reason we advise that final connections only take place when such things can be checked thoroughly

HYDRAULIC CIRCUIT - HYDRAULIC CIRCUIT - HYDRAULIC CIRCUIT



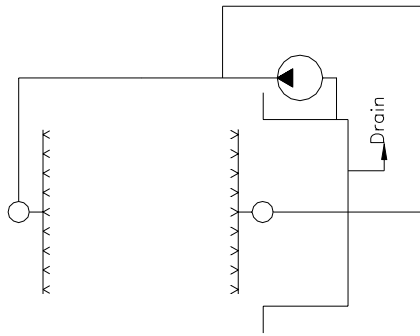
HYDRAULIC CIRCUIT - HYDRAULIC CIRCUIT - HYDRAULIC CIRCUIT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | |
| A | MODIFICATIONS OF SUPPLY VOLTAGE COUPLING AND POWER OF HEATING RESISTANCE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | ORIGINAL COUPLING : 400V 3N ~ 50HZ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | <p>* The dishwasher is delivered as 400V 3N~50HZ complete with an H07 RN F 5 CORE 2.5mm2 supply cable.</p> <p>Remote control</p> <p>Supply cable</p> <p>400V 3N~50HZ</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | <p>The boiler is wired for 9 kW, allowing the dishwasher to be connected to cold water.</p> <p>It is possible to reconnect the boiler element to use less power, but that will increase the time taken to heat the boiler. In order to reach the temperature of 85°C before the start of the rinse programme during the short cycle, the temperature of the water feed to the washing machine must be at a minimum of :</p> <ul style="list-style-type: none"> 30°C for 7.5kW wiring 41°C for 6kW wiring 52°C for 4.5kW wiring 63°C for 3kW wiring | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | Boiler connection X1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | <p>9 kW</p> <p>7.5 kW</p> <p>6 kW</p> <p>4.5 kW</p> <p>3 kW</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | <p>Supply : 400V 3N~50Hz</p> <p>*Boiler POWER modification*</p> <p>connect the elements on the boiler connector XA to suit the required power according to the diagrams below</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | 230V 3~50HZ COUPLING | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | <p>* CHANGE THE SUPPLY CABLE</p> <p>Provide a cable with sufficient mechanical resistance of the H07 RN F 4G 2.5mm2 in section</p> <p>Remote control</p> <p>Supply cable</p> <p>230V 3~50HZ</p> <p>Bridge between N and L1 (use the 100mm long black cable, with 2 spade connectors)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J | <p>Supply : 230V 3~50Hz</p> <p>*Boiler POWER modification*</p> <p>connect the elements on the boiler connector XA to suit the required power according to the diagrams below</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | <p>9 kW</p> <p>6 kW</p> <p>4.5 kW</p> <p>3 kW</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | <p>Supply : 230V 3~50Hz</p> <p>*Boiler POWER modification*</p> <p>connect the elements on the boiler connector XA to suit the required power according to the diagrams below</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | 230V ~50HZ COUPLING | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | <p>* CHANGE THE SUPPLY CABLE</p> <p>Provide a cable with sufficient mechanical resistance of the H07 RN F 3G 4mm2 in section</p> <p>* For coupling in 6 kW or 9 kW, it is necessary to change the (25A) contactor for a (40A) contactor available under the reference 900T14</p> <p>Remote control</p> <p>Supply cable</p> <p>230V ~50HZ</p> <p>Bridge the N and L1 (use the 100mm long black cable, fitted with two lugs)</p> <p>Bridge the L1 and L3 (use the 100mm long cable, fitted with two lugs)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O | <p>Supply : 230V ~50Hz</p> <p>*Boiler POWER modification*</p> <p>connect the elements on the boiler connector XA to suit the required power according to the diagrams below</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | <p>9 kW</p> <p>6 kW</p> <p>4.5 kW</p> <p>3 kW</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q | <p>Supply : 230V ~50Hz</p> <p>*Boiler POWER modification*</p> <p>connect the elements on the boiler connector XA to suit the required power according to the diagrams below</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Bridge the terminals 3 and 4 of the terminal strip X (Red wire, 100mm long, fitted with two lugs)</p> <p>Bridge the terminal 5 of the terminal X1 and the terminal 1 of the contactor K1 (Light blue 250mm long, fitted with one lug and one socket)</p> <p>Bridge the terminal 2 of the terminal strip and the terminal 2 of the contactor K1 (Red wire, 150mm long, fitted with one lug and socket)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Bridge the N and L1 (use the 100mm long black cable, fitted with two lugs)</p> <p>Bridge the L1 and L3 (use the 100mm long cable, fitted with two lugs)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Designs par : F.F Date : 19/01/00</p> <p>Drawn by : R.C Date : 19/01/00</p> <p>Verify par : Checked by :</p> <p>Designation : SCHEMA ELECTRIQUE Part name : WIRING DIAGRAM INO45</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>CEMA</p> <p>MODIFICATIONS</p> <p>Carry out bridging by means of the wires delivered in the machine</p> <p>N° E17000 / * Page : 2 / 2</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

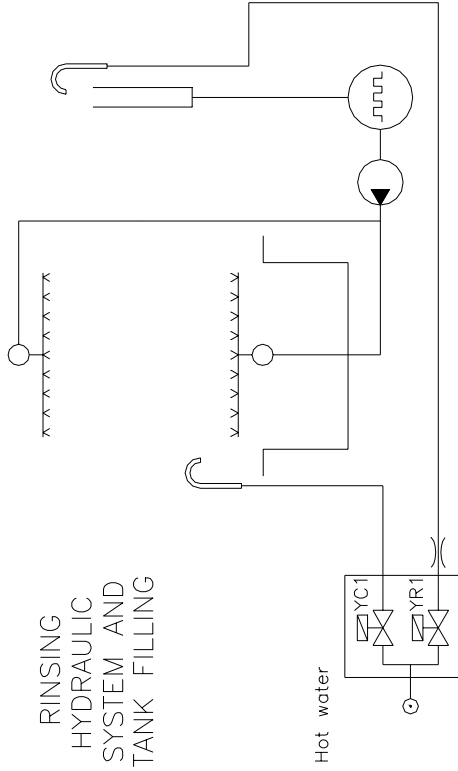
HYDRAULIC CIRCUIT - HYDRAULIC CIRCUIT - HYDRAULIC CIRCUIT

HYDRAULIC CIRCUIT
INO 45 – INO 45 WITH SOFTENER

Le 23/03/00 by FF
N° H17001
Since 03/00

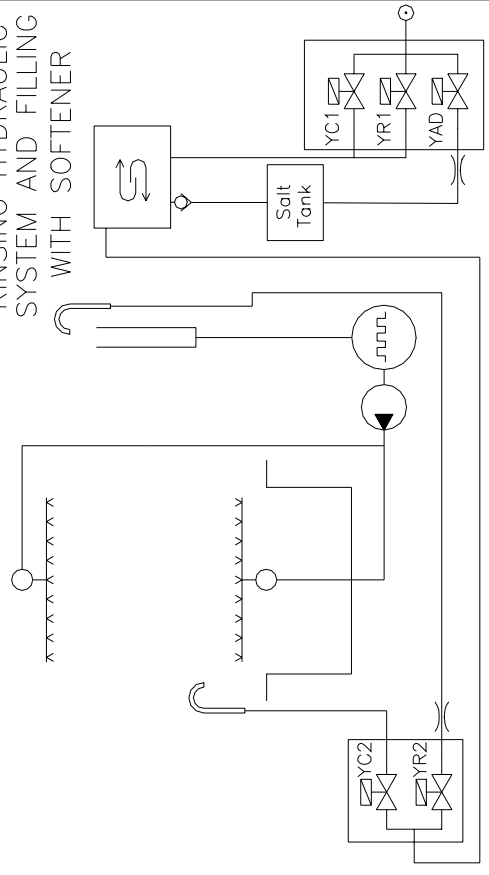


WASHING
HYDRAULIC
SYSTEM

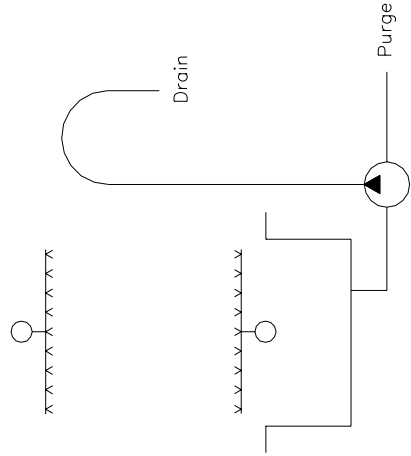


RINSING
HYDRAULIC
SYSTEM AND
TANK FILLING

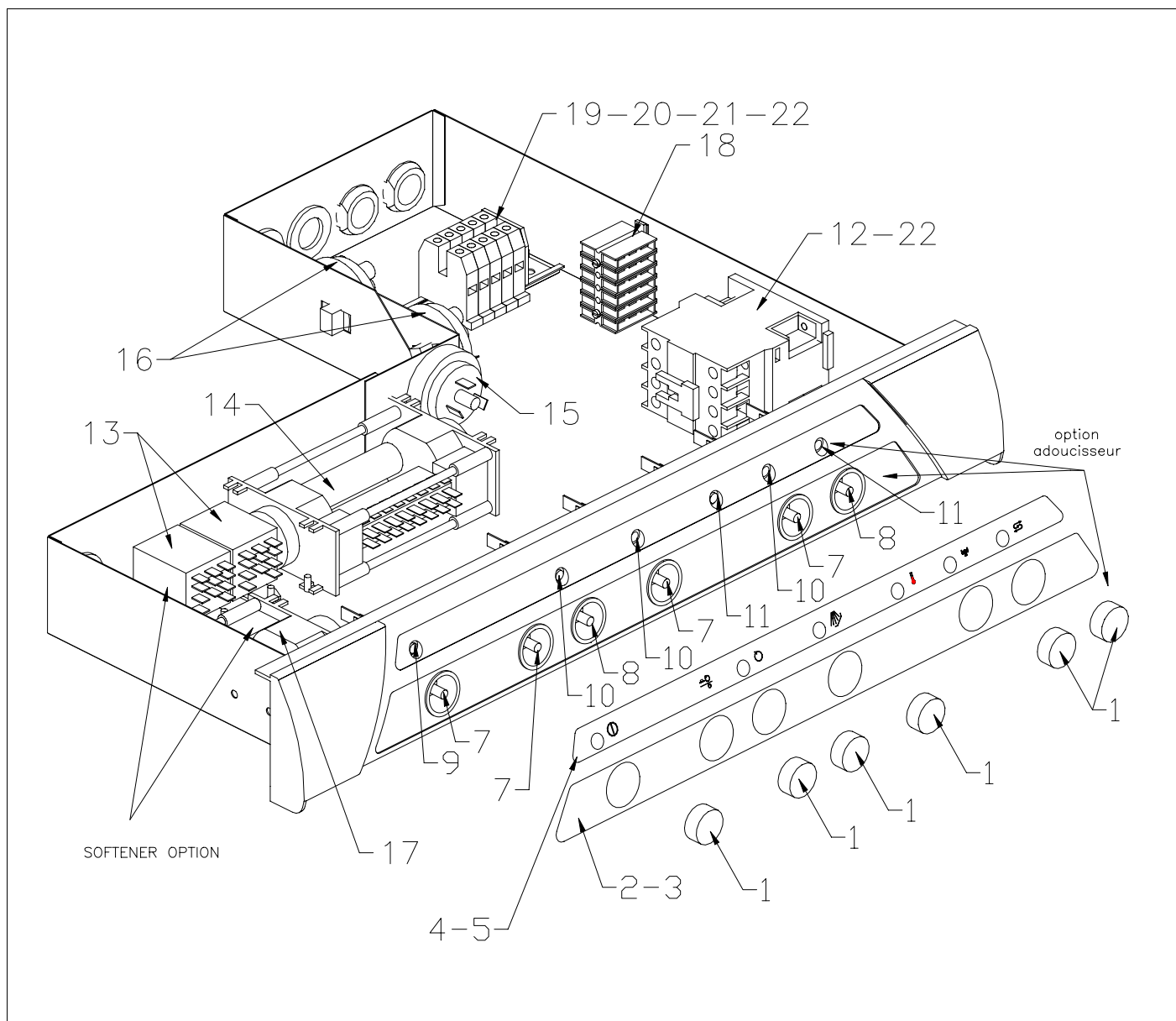
RINSING HYDRAULIC
SYSTEM AND FILLING
WITH SOFTENER



TANK DRAINAGE
PUMP HYDRAULIC
SYSTEM



OTHER PARTS NECESSARY FOR AFTER SALE

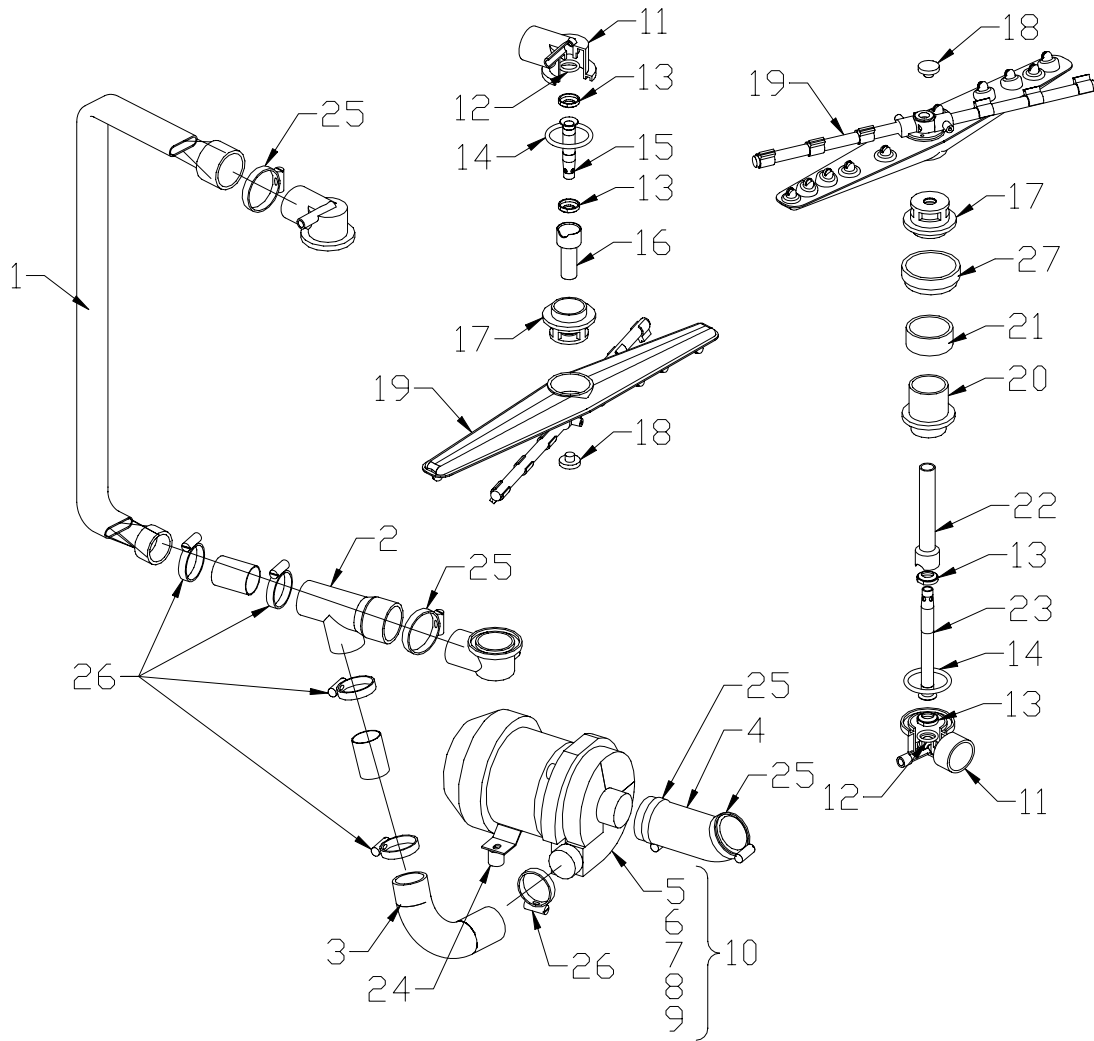


| | | | | | |
|------|--------|-------------------------|------|--------|------------------------------|
| 22 | 900114 | Contacor 230V 1 PH | | | |
| 21 | 906100 | Grey terminal | | | |
| 20 | 906101 | Blue terminal | 10 | 907533 | Green light |
| 19 | 906152 | Yellow / green terminal | 9 | 907535 | White light |
| 18 | 906174 | Boiler connector | 8 | 900054 | Unmaintained switch |
| 17 | 905032 | Softener programmer | 7 | 900053 | Maintained switch |
| 16 | 901300 | Pressure switch | 6 | 981150 | Front |
| 15 | 901026 | Drain pressure switch | 5 | 908119 | Self adhesive softener front |
| 14 | 905033 | Programmer | 4 | 908118 | Standard self adhesive front |
| 13 | 900073 | Relay | 3 | 908121 | Self adhesive softener front |
| 12 | 900130 | Contactor 230/400V 3 PH | 2 | 908120 | Standard self adhesive front |
| 11 | 907534 | Orange light | 1 | 900085 | Key |
| Mark | Code | Designation | Mark | Code | Designation |

Modifications:

| | | |
|--------------------------|--|----------------------|
| <h1>FICHE TECHNIQUE</h1> | | N° FT 17004 / |
| FAMILY : DISHWASHER | TYPE : INO 45 | Date : 27/03/00 |
| | S/E: ELECTRIC BOX | Drawn by : FF |
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| | | Checked by : RC |

OTHER PARTS NECESSARY FOR AFTER SALE



| | | | | | |
|------|--------|------------------------|------|--------|----------------------|
| 27 | 17192M | Filter support | 13 | 983562 | Support thrust |
| 26 | 917111 | 32-50 S/S collar | 12 | 966085 | O-ring |
| 25 | 917112 | 50-70 S/S collar | 11 | 981261 | Water inlet |
| 24 | 983117 | Anti vibration contact | 10 | 904030 | Pump |
| 23 | 983605 | Water inlet tube | 9 | 904104 | Back cheek |
| 22 | 981258 | Lower bearing | 8 | 904151 | Imperviousness |
| 21 | 17193M | Spacer | 7 | 904150 | Pump turbine |
| 20 | 981259 | Hoist | 6 | 904101 | Gasket |
| 19 | 241758 | Turnstile | 5 | 904100 | Front cheek |
| 18 | 983563 | Blocking screw | 4 | 916232 | Suction hose |
| 17 | 981262 | Turnstile support | 3 | 916136 | Discharge hose |
| 16 | 981257 | Upper bearing | 2 | 916133 | Shunting hose |
| 15 | 983561 | Water inlet tube | 1 | 916135 | Hight discharge hose |
| 14 | 966084 | O-ring | | | |
| Mark | Code | Designation | Mark | Code | Designation |

Modifications:

TECHNICAL FILE

N° FT 17005 /

FAMILY: DISHWASHER

TYPE: INO 45

Date : 26/09/00



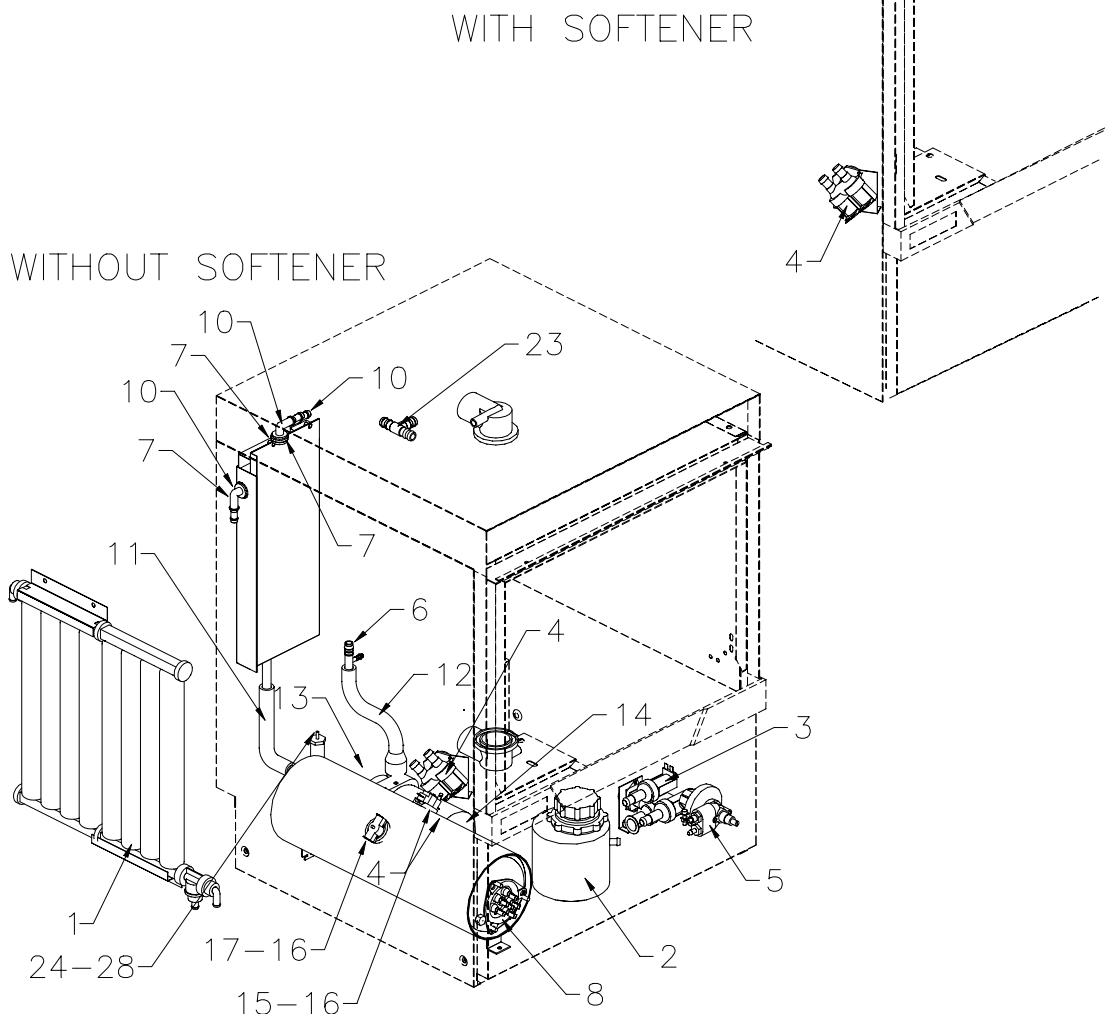
S/E: WASHING EQUIPMENT

Drawn by : FF

Checked by : RC

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OTHER PARTS NECESSARY FOR AFTER SALE



| | | | | | |
|------|--------|------------------------------|------|--------|--------------------------------|
| 28 | 916217 | 4-7 hose | | | |
| 27 | 916207 | Suction hose product meter | | | |
| 26 | 916235 | Discharge hose product meter | 13 | 916129 | Suction hose |
| 25 | 916206 | Hose dia.12 | 12 | 916137 | Discharge hose |
| 24 | 917114 | Collar (pressure switch) | 11 | 916130 | Hose |
| 23 | 917035 | Tee | 10 | 917136 | Gasket |
| 22 | 916009 | Power hose | 9 | | |
| 21 | 917111 | 32-50 collar | 8 | 903113 | Immersion heater with O-ring |
| 20 | 917110 | 20-32 collar | 7 | 917135 | Bended grooved sleeve |
| 19 | 917109 | 12-22 collar | 6 | 917001 | Tee |
| 18 | 917108 | 8-16 collar | 5 | 914207 | Product meter |
| 17 | 901033 | Safety thermostat | 4 | 241701 | Double equipped solenoid valve |
| 16 | 966086 | Thermostat gasket | 3 | 241702 | Triple equipped solenoid valve |
| 15 | 901032 | Regulation thermostat | 2 | 915405 | Salt vat |
| 14 | 904135 | Rinse pump | 1 | 915404 | Water softener |
| Mark | Code | Designation | Mark | Code | Designation |

Modifications:

TECHNICAL FILE

N° FT 17006 /

FAMILY: DISHWASHER

TYPE :

INO 45

Date : 04/10/00

B BONNET

S/E:

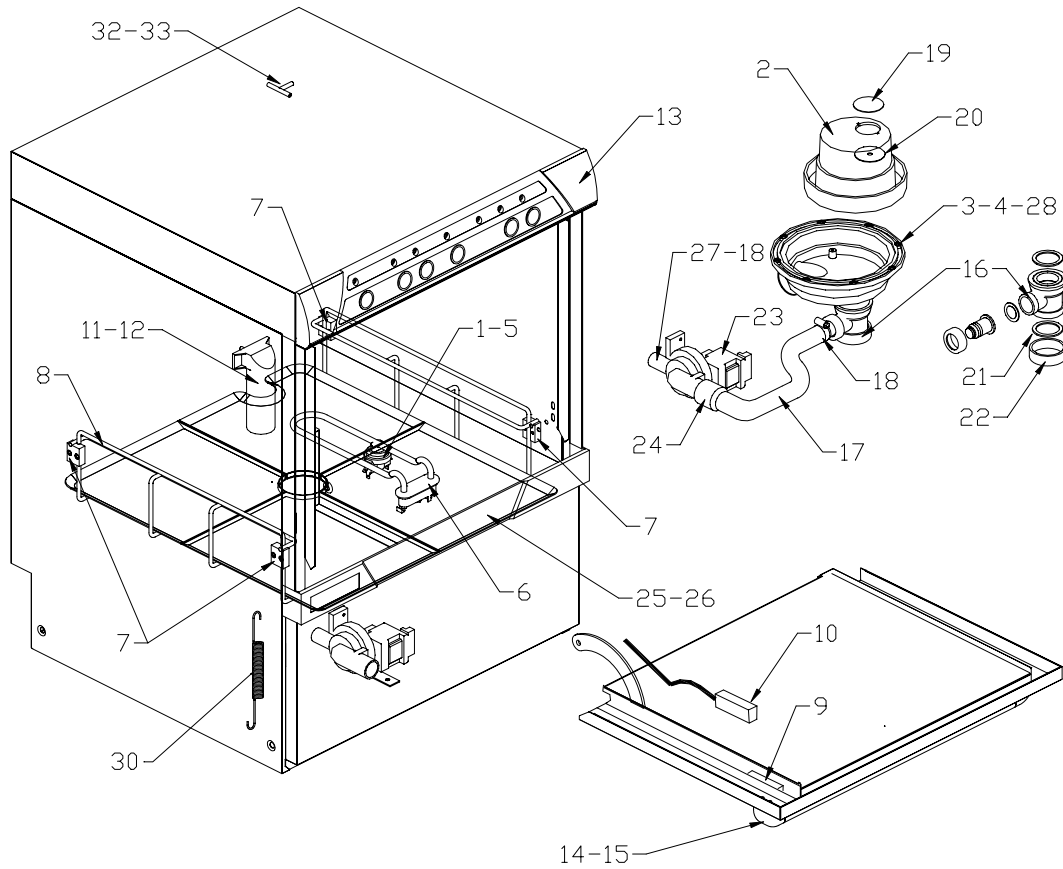
RINSE EQUIPMENT

Drawn by : FF

Checked by : RC

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OTHER PARTS NECESSARY FOR AFTER SALE



| | | | | | |
|------|--------|-----------------------------|------|--------|-------------------|
| 33 | 917115 | Clamp Collar | | | |
| 32 | 917128 | T-bracket (pressure switch) | | | |
| 31 | | | | | |
| 30 | 985015 | Door spring | | | |
| 29 | 966704 | O-ring seal | | | |
| 28 | 966032 | O-ring seal | | | |
| 27 | 919024 | Drain pipe | | | |
| 26 | 981155 | Tank front (piece 2) | 13 | 981150 | Electric front |
| 25 | 981153 | Tank front (piece 1) | 12 | 966011 | O-ring seal |
| 24 | 917111 | 32-50 clamp collar | 11 | 981204 | Air trap |
| 23 | 904031 | Drain pump | 10 | 900083 | Magnet detector |
| 22 | 919026 | Blind nut | 9 | 900084 | Magnet |
| 21 | 919027 | Rubber flat seal | 8 | 986139 | Rack support |
| 20 | 17533M | Lower washer | 7 | 981154 | Support |
| 19 | 241757 | Upper washer | 6 | 903121 | Heater |
| 18 | 917109 | 12-22 clamp collar | 5 | 966086 | Thermostat gasket |
| 17 | 916144 | Suction hose | 4 | 981243 | Suction grid |
| 16 | 919025 | Appliance plug | 3 | 981244 | Scraps collector |
| 15 | 981156 | Handle (piece 2) | 2 | 981246 | Filter container |
| 14 | 981152 | Handle (piece 1) | 1 | 901031 | Thermostat |
| Mark | Code | Designation | Mark | Code | Designation |

Modifications: Drain pump code / door cable removal 03/01 F.F.

SPECIFICATION SHEET

N° FT 17007 / B

FAMILY: DISHWASHER

TYPE :

INO 45

Date : 06/10/00

B BONNET

S/E:

TANK EQUIPMENT

Drawn by : FF

Checked by : RC

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EMERGENCY SPARE PART - EMERGENCY SPARE PART -

| DESIGNATION | CODE | QTY |
|---|-------------|------------|
| Thrust washer | 983562 | 4 |
| Lower spindle bearing | 981263 | 1 |
| Upper spindle bearing | 981257 | 1 |
| Retaining nut | 983563 | 2 |
| Rinse aid dispenser | 914207 | 1 |
| Wash tank immersion heater | 903121 | 1 |
| Boiler immersion heater | 903113 | 1 |
| Fill solenoid (double) | 241701 | 1 |
| Softener solenoid (triple) | 241702 | 1 |
| Wash pump | 904030 | 1 |
| Rinse pump | 904135 | 1 |
| Wash tank drain pump | 904031 | 1 |
| Wash tank pressure switch | 901300 | 1 |
| Boiler pressure switch | 901310 | 1 |
| Wash tank drain pressure switch | 901026 | 1 |
| Button head | 900085 | 2 |
| Push button for softener or cycle start | 900054 | 1 |
| Switch | 900053 | 1 |
| Programmer | 905033 | 1 |
| Optional softener programmer | 905032 | 1 |
| White indicator light | 907535 | 1 |
| Green indicator light | 907533 | 2 |
| Orange indicator light | 907534 | 2 |
| Wash tank thermostat | 901031 | 1 |
| Boiler thermostat | 901032 | 1 |
| Boiler safety thermostat | 901033 | 1 |