TECHNICAL

DISHWASHER with front door

10036 with softener

CONSTRUCTOR SPECIFICATIONS

USER MANUAL

- . Use
- Service
 - GUARANTEE

To ensure the guarantee of these equipments(see chapter 5-4), respect the use, service and CONSTRUCTOR SPECIFICATIONS, indicated in this manual.

Wear parts are supported by the user.

However, if you can not ensure the required service, our network of installation and proximity service is at your disposal to study a personnalised contract.

WARNING

The appliance is in conformity with the existing standards. In case of transformation, the intervening person will assume the responsibility of constructor. The constructor could not be responsible if the appliance is used for other purposes than those for which it has been designed.

Only professionnal use, it must be used by qualified staff.

Carefully read this document before use. Keep these documents.

USER MANUAL – USER MANUAL – USER MANUAL

INO 36 DISHWASHER

CONTENTS

- 1. Technical data
- 2. Installation
- 3. Operation
- 4. Practical Advice for Use
- 5. Service
- 6. Electrical Diagrams
- 7. Hydraulic Circuits
- 8. Other Parts Required After-Sales
- 9. Emergency Spare Parts

TECHNICAL DATA - TECHNICAL DATA

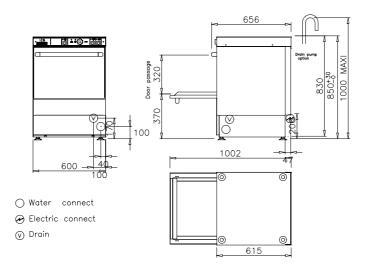


BONNET GRANDE CUISINE

Siège social:

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

A 031 H 10 - A 011 H 10



DIMENSIONS

Lenght (mm): 600 - Width (mm): 615 - Height (mm): 850

PACKING

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

	INO 36			
Codes	A 011 H 10	A 031 H 10	A 011 H 10	A 031 H 01
			+ A 901 H 10	+ A 901 H 10
Net weight (kg)	61	76	64	79
Gross weight (kg)	65	80	68	83

INSTALLED TOTAL POWER (kw)

Ino 36 Hot water $(55^{\circ}C) = 5,25 \text{ kW}$

Ino 36 Cold water = 8,25 kW (reinforced power in option)

Drain pump = 90 W

Voltage (50 Hz) : $3 \sim 400 \text{ V} + \text{T} + \text{N}$ couplable en $3 \sim 230 \text{ V} + \text{T}$ ou $1 \sim 230 \text{ V} + \text{T}$

HYDRAULIC CONNECTION

- Mini pressure : without water softener 2 bars, with water softener 3,5 bars. Max. pressure : 4 bars
- Power 20 x 27 F TH 5 à 7° Température : 55°C (Cold water connection possible see above) 1000mm of hose
- Drain 40 x 49 Evacuation maximum height 170mm without hoist 470mm with hoist 550mm of slack.
- Option : drain pump ø 20x27 and unimpervious connection in ø 40 1800mm of hose.

ELECTRICAL CONNECTION

- Electric outler 200mm from the ground (with 1000mm of cable supplied)
- Provide for a breaking device, separating device and a power protection according to NFC 1510.

No contractual document C271700-04/98

INSTALLATION - INSTALLATION - INSTALLATION - INSTALLATION -

Connections type and positionning. See "Technical data" at the beginning of the manual.

* GENERAL REQUIREMENT

The installation, modification or repair of the appliance must be performed according to professionnal standards by a specialised fitter.

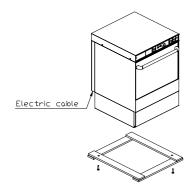
* HANDLING

Handling must only be performed with the appropriate hoisting equipment.

If the appliance is to be transported, it must be carried on its original pallet and in no event be placed on top of other appliances.

If it is to be moved without its pallet the appliance must be carried and not pulled.

* UNPACKING



-Separate the base of the appliance by removing the $2\,M10$ screws located beneath the base.

- Pull out the electric cable located at the rear of the appliance

under the tank.

Dishwasher without hoist



-Screw the 4 jacks under the dishwasher to adjust the height (jacks are provided in a bag inside the appliance).

Dishwasher with hoist

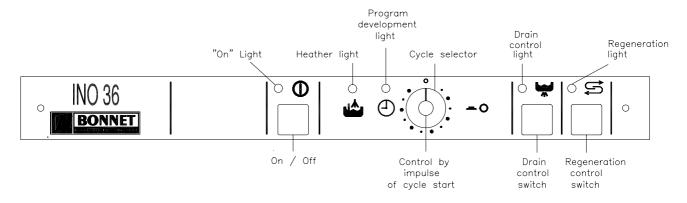


- Screw the 4 jacks to the leg ends.
- -Place the appliance on the hoist and join by means of the 4 screws supplied with the hoist.

NOTA: Use the jacks to level the dishwasher.

OPERATION – OPERATION – OPERATION

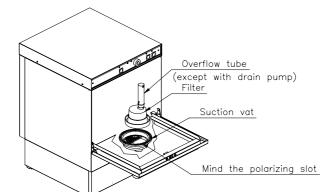
* CONTROL PANEL DESCRIPTION



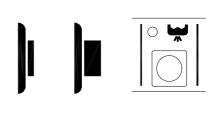
* BEFORE OPERATION _

Carry out these operations BEFORE washing the first rack:

- 15 Minutes before (if your appliance is supplied with warm water).
- 1 hour before (if your appliance is supplied with cold water).
- * 1 Check the filter position



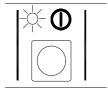
* 2 Check the drain control switch (option) is set on "Exit" position.



* 3 Check the supply of water



* 5 Set the On/Off switch on "On" position The green pilot light lights up.



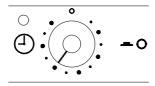
* 4 Close the door.

* 6 The appliance fills up with water, then the heater operates. The pilot light dims, the water temperature is reached, and the appliance is ready to operate.



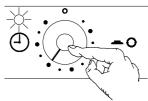
OPERATION – OPERATION – OPERATION

- * Open the door
- * If your appliance is not equipped with an external wash meter, introduce the detergent respecting the quantity recommended by the manufacturer. (Tank capacity = 24 liters)
- * Introduce a rack of dirty crockery.
- * Set the program selector on the desired wash cycle.



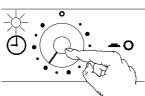
- * Close the door.
- * Press the cycle start switch. The cycle starts.

 The pilot light of development of the program lights up.



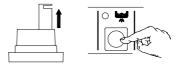
At the end of the cycle, open the door.

- * Take out the rack of clean crockery.
- * Introduce a new rack of dirty crockery.
- * Close the door and press the cycle start switch to start a new cycle.

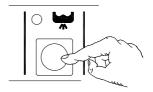


* If your appliance is not equipped with an external wash meter, every 4 racks introduce the quantity of detergent corresponding to the 14 liters of consumed water.

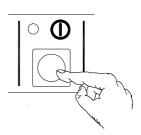
- * End of operation
- * Open the door
- * Unfit the overflow tube without taking it out of the filter, if tank drain pump option press the drain control switch on "On" position.



- * Remove the eventual scraps from the tank. Take out and clean the filter.
- * Press the drain control switch on "Off" position (option).



- * Put the filter and the overflow tube, and wash the tank with a disinfectant product. To do this, fill the tank again and start a washicycle.
- * At the end of the cycle, open the door.
- * Check the wash turnstiles can turn freely. If a nozzle is blocked, see chapter "Turnstiles removal".
- * Drain the tank
- * Put the On/Off switch on "Off" position.



* Carefully wipe the tank with a sponge.

Nota: If the appliance is not used for a long time between the wash of 2 racks, it is recommended to close the door to limit the electric consumption

PRACTICAL ADVICE FOR USE - PRACTICAL ADVICE FOR USE

* PREPARATION OF CROCKERY.

Remove all scraps from the crockery (food scraps or others).

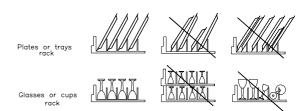
Empty the containers. The pieces of crockery with stuck food must previously be soaked and cleared of it.

Put the dirty crockery in the racks. To obtain the best results, it is necessary to respect the following points:

- Place each piece in the corresponding rack,
- Avoid overloading the racks,
- Place hollow pieces turned over in the rack and never piled up,

Use the partitionned racks to wash the glasses in inclined position.

Place preferably the flatware in the sockets (handle downwards).



* EVENTUAL INCIDENTS.

The crockery is not clean.

- Scraps on crockery.
 - Inadequate scraping.
 - Wash cycle time too short
 - Insufficient detergent concentration.
 - Wash or rinse nozzles are obstructed.
- White stains on glasses.
 - Hard water. Install a water softener or regenerate.
- Glasses are not clear after several wash cycles.
 - Water is too mineralized. Use cleaning compound.
- Drying cycle too long.
 - Check the presence of rinse product and consumption of surface-active product.
- Traces of detergent on crockery.
 - Too high detergent quantity.
 - Insufficient rinse cycle (nozzles are obstructed).
- Flatware is altered. (Caused by the various acids which take part in the composition of the food).
 - Regularly renovate using an appropriate product.

Marks created by blades of knives on certain types of crockery, food particles incrusted into scratches and tarnishing crockery.

Regularly renovate using an appropriate product.

- High quantity of foam.
 - Wash water temperature inferior to 50° C.
 - Quantity of rinse product too high.
 - Obstructed filter.
 - Too high concentration of dairy products in the wash holder.

SERVICE - SERVICE - SERVICE - SERVICE - SERVICE -

To ensure the guarantee of this equipment, you must carry out the following service operations:

* End of operation (2nd part)

- * Cut off the electric power at the main circuit-breaker.
- * Close the water supply



* Check the levels of the containers of:

- rinse product
- detergent (exterior appliance)
- regenerating salts (option). Complete if necessary
- * Let the door open to favour the drying of the dishwasher.

* Access to the rinse product meter and regenerating salts vat (option)

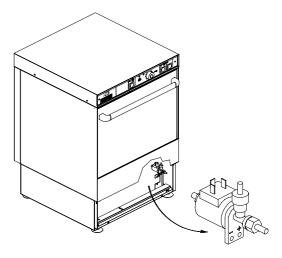
- Rinse meter: located behind the front lower panel.
- Regenerating salts vat(interior tank)

* Rinse product meter operation :

The meter flowrate setting is made by using the meter setting screw.

* First setting according to the manufacturer indications.

Correct if necessary according to the results obtained on the crockery.



Surface-active product meter is set in factory. It is possible to modify the setting by removing the lower cover.

- Screw to reduce the injected quantity.
- Unscrew to increase the injected quantity. <u>WARNING</u>: never screw or unscrew at the maximum.

* If the rinse product container is completely empty prime again the meter after filling.

- Prime the metering system (control panel) by starting very short wash cycles every 10" to 15".

SERVICE - SERVICE - SERVICE - SERVICE - SERVICE -

To ensure the guarantee of this equipment, you must carry out the following service operations:

* End of the week in addition to daily operations

- * Brush and wash the interior of the appliance to remove the fat.
- * it is also possible to use special descaling products respecting the user manual of the manufacturer. In this case, it is compulsory to rinse several times in order to eliminate any product traces.
- * Clean the exterior casing with a product proper to stainless steel.

* Once a month

- * Make the appliance operate during 5 to 10 mn with a descaling and- * Ensure your crockery can be washed in a dishwasher. disinfectant product proper to dishwashers Empty the tank and rinse a lot.
- * Check the cleanliness and clean if necessary the interior of the appliance and the door support plate.
- * Once a year
- * Call for our authorized agent to check the functionnal partd and change if necessary wear parts.
 - * Turnstile hubs bearings.
 - * Product meter (s) pipe.

* Important recommandations

* This appliance is exclusively reserved to wash the crockery.

Do not use it for other purposes.

* This appliance complies with the existing security prescriptions.

It must be repaired by our authorized agent.

Bad repairs can be very dangerous for the user.

- * In case of transformation, the intervening person assumes the constructor responsibility.
- * This appliance must be connected to a wall switch with calibrated fuses.

Cut the power of the appliance before any intervention

- * Only use detergents for dishwashers to professionnal

Do not use solvents to carry out the cleaning operations nor abrasive pads that could scratch the s/s and the silk screen printings.

- * Do not wait that the rinse product container is empty to fill it, otherwise the meter will have to be primed again.
- * Do not wash the appliance with a water jet.
- * Inadequate cleaning products(bleach, acids, soda).
- * Do not touch the heater immediately after having emptied the tank, you could burn yourself.

* The detergents are very strong, respect the recommandations of the manufacturer. Take care when using them. Do not leave them in contact with s/s a long time to avoid the creation of stains, the appliance must operate immediately after the introduction of dataseant. detergent.

* The water of the tank is not drinkable.
* Do not lean on the open door, the appliance could fall and be damaged.

* Do not let unqualified staff manipulate the appliance. * The aeration is located at the rear of the appliance.

*The aeration is located at the rear of the appliance. it is necessary to provide for a sufficient ventilation in the cupboard if it is embedded.

*For a correct operation of the appliance, the water supply pressure on "On" position must be inferior to 4 bars. See chapter 1 - 1

* Model without water softener. The maximum hardness of the water must be between 5 and 7° TH. An upper hardness causes bad wash results, accelerates the scaling of the appliance and can cause the destruction of heating elements. heating elements.

To ensure the guarantee of this equipment, you must carry out the following service operations:

* TURNSTILES REMOVAL to unblock an obstructed nozzle.

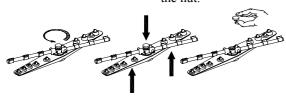
* Partly unscrew the nut.

* Take out the turnstile pressing * Completely unscrew the nut * Unblock the nozzle and the nut.

and remove the turnstile

clean the turnstile.

* Place the turnstile on its conical axle. Screw the nut.



SERVICE - SERVICE - SERVICE - SERVICE - SERVICE -

* REGENERATION

- * Check the filling of the regenerating salts vat
- * The periodicity has been noted by the fitter in the board below

It depends on the water hardness and the quantity of racks of crockery washed per day

Degree Th	10	15	20	25	30	35	40
Nber.radks/h							
5	9 days	6days	5days	4 days	3 days	3 days	
8	8 days	5 days	4 days	3 days	3 days		
10	7days	5days	4 days	3 days	Every2days		,
13	6days	4 days	3 days				yo
15	4 days	3 days					
18	4 days						
20	4 days	Every2days					
25	3 days						
30	3 days						
35	3 days						
40					After each operation		
45							ration
50							

*Open the door



- * Press the drain control switch (option) or remove the overflow tube.
- * When the tank is empty, press the drain control switch again, or place the overflow tube.
- * Close the door

* Press the regeneration control switch during 2 to 3 seconds.

These data are just indications. The regeneration is necessary if there is a white deposit on the glasses.

Before each regeneration check the quality of salt in the salt vat (paragraph 3 - 4), the vat capacity allows three regeneration cycles.



The regeneration pilot light lights up during the cycle (about 20 mn).

When the pilot light is off the regeneration is over.

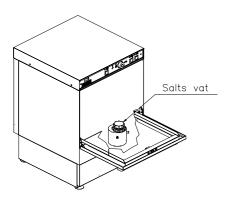
* Drain the tank again and switch off the appliance.

NOTA: The regeneration must only start when the tank is empty.

Warning: The start of the regeneration cycle forbids the dishwasher operation.

* REGENERATING SALTS VAT FILLING_

- Fill the salt vat with a proper coarse salt or pastille. Close the vat.



GUARANTEE - GUARANTEE - GUARANTEE - GUARANTEE - GUARANTEE

GUARANTEE



NO GUARANTEE IS ABSOLUTE

Our guarantee only applies for a normal use. That is to say when the recommandations of our use and service manuals are strictly respected.

It will also be valid only if the recommended periodical visits of service and/or control have been carried out by our technicians.

All our appliances are, without prejudice above, normally guaranteed for a year, from their invoice date. In case of breakdowns due to defects or manufacturing flaws visible or not, our appliances will be, through this guarantee year, repaired at our costs, parts and labour included.

To profit by our guarantee, our appliances must not be modified or repaired with parts which are not original and approved by our services, or by unqualified or untrained by us staff.

In case of breakdown or damage, the purchaser must warn us in writing of the faults, as soon as he knows it. In no way he can remedy himself or by someone else to these defects.

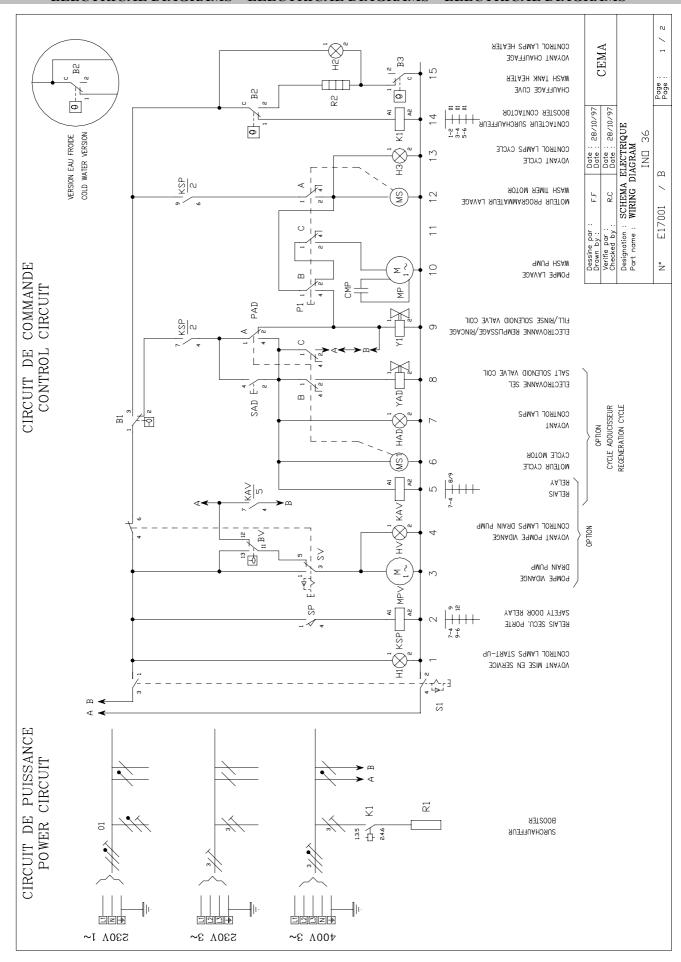
Our periodical interviews are the main condition of a good operation and reliability of our appliances. They only can and must be carried out by our technicians perfectly qualified and prepared to these tasks. They have specific tools, original parts and an incessant training. The periodical interviews are essential, they are carried out to payment, but they allow a reliable operation of our appliances.

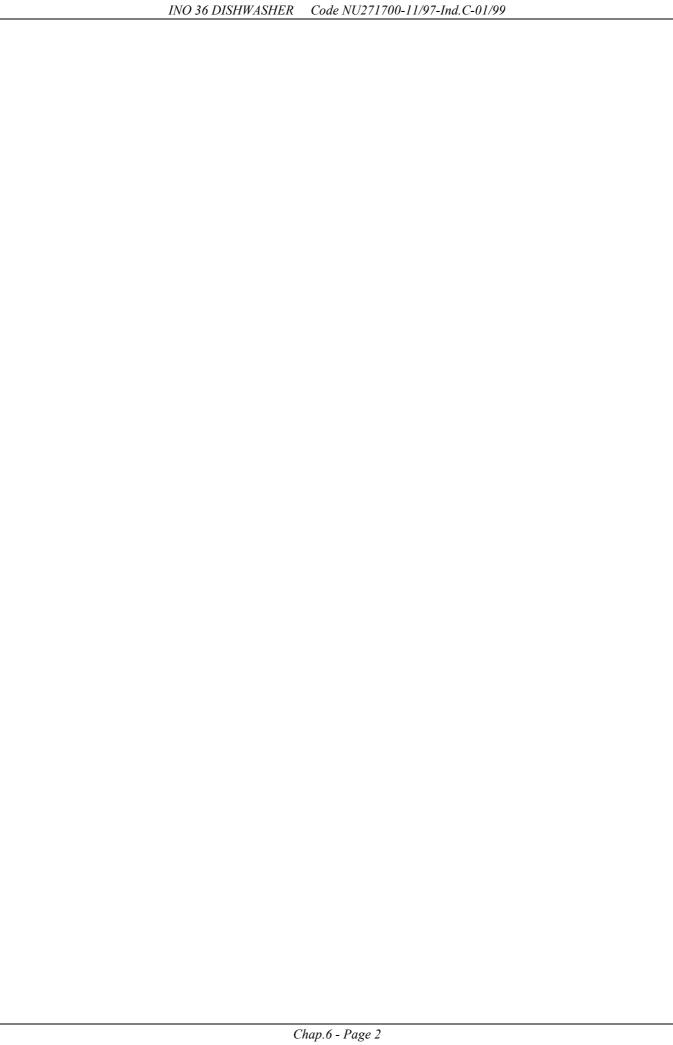
The periodicity refers to normal conditions of use. In case of more strict conditions of use, it is necessary to make carry out some operations more often.

WARNING: Damages caused by a connection of our appliances to a network not conformable to the instruction plate (voltage, reversing phase/neutral) as well as the unrespect of the phases order (important for three-phase motors, ventilation direction, jacks...) will not be covered by this guarantee.

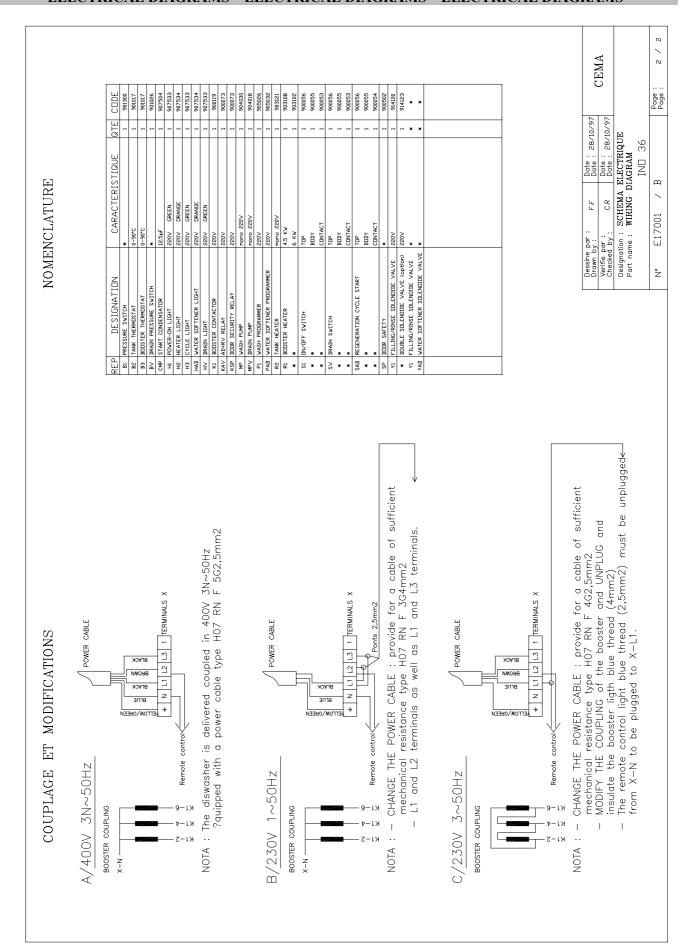
That is why, we recommend to connect the appliances only when the voltage is available and controled.

ELECTRICAL DIAGRAMS - ELECTRICAL DIAGRAMS - ELECTRICAL DIAGRAMS

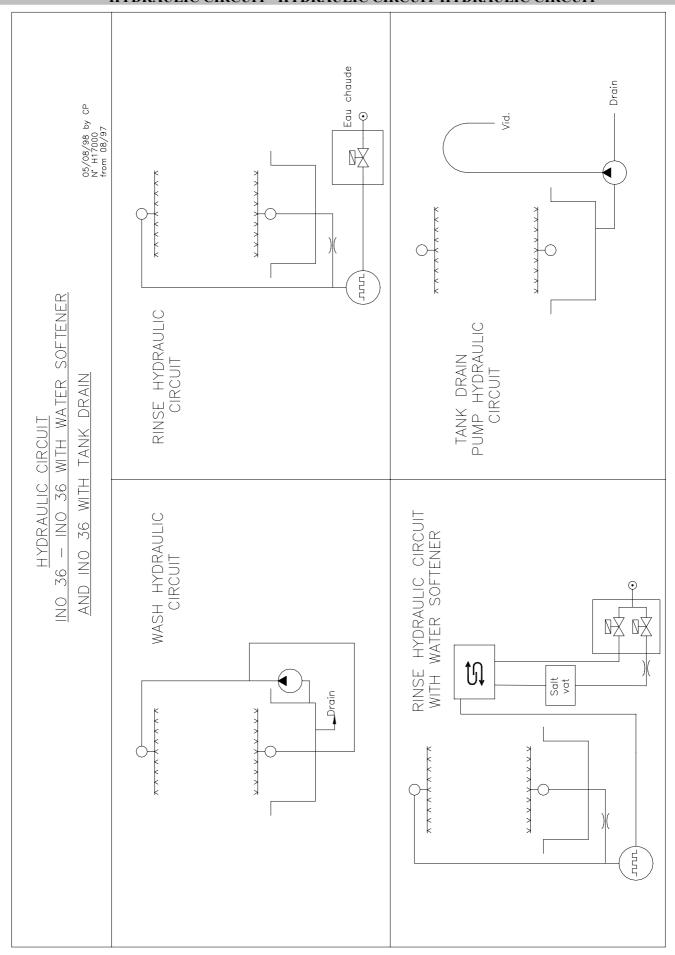


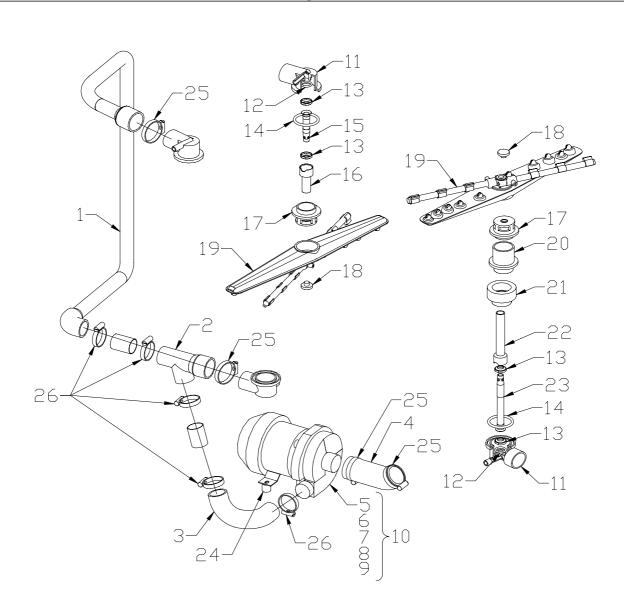


ELECTRICAL DIAGRAMS - ELECTRICAL DIAGRAMS - ELECTRICAL DIAGRAMS



HYDRAULIC CIRCUIT-HYDRAULIC CIRCUIT HYDRAULIC CIRCUIT

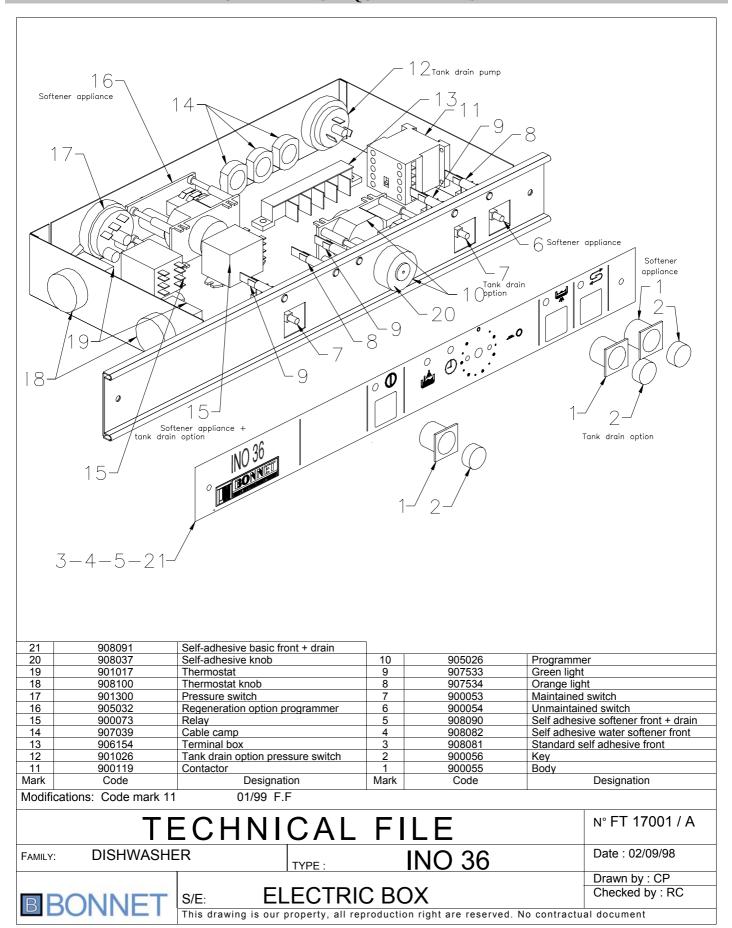


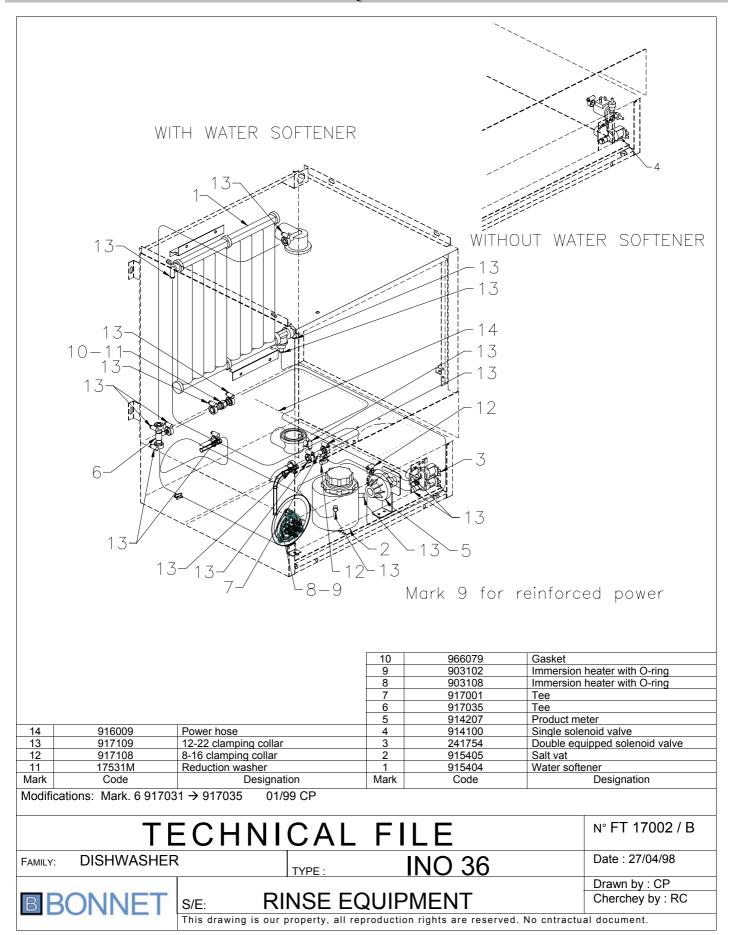


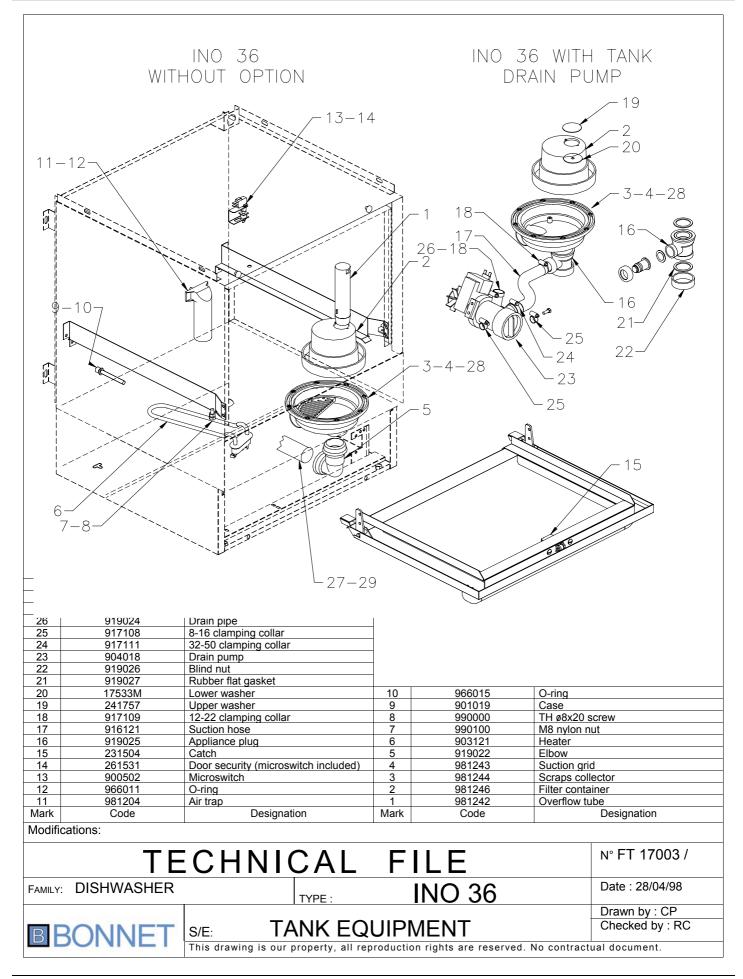
26	917111	32-50 S/S collar	13	983562	Support thrust
25	917112	50-70 S/E collar	12	966085	O-ring
24	983117	Anti vibration contact	11	981261	Water inlet
23	983560	Water inlet tube	10	904030	Pump
22	981263	Lower bearing	9	904104	Back cheek
21	983559	Hoist sleeve	8	904151	Imperviousness
20	981259	Hoist	7	904150	Pump turbine
19	241758	Turnstile	6	904101	Gasket
18	983563	Blocking screw	5	904100	Front cheek
17	981262	Turnstile support	4	916232	Suction hose
16	981257	Upper bearing	3	916132	Discharge hose
15	983561	Water inlet tube	2	916133	Shunting hose
14	966084	O-ring	1	916134	Hight discharge hose
Mark	Code	Designation	Mark	Code	Designation

Modifications: Modif. Code Mark 7.8 and 10 01/99 CP

TE	CHNICA	AL FILE	N° FT 17000 / A		
FAMILY: DISHWASH	HER TYPE	: INO 36	Date : 27/04/98		
BRONNET	s/E: WASHIN	IG EQUIPMENT	Drawn by : CP Checked by : RC		
EDOI 11 1	This drawing is our property, all reproduction rights are reserved. No contractual document.				







EMERGENCY SPARE PARTS – EMERGENCY SPARE PARTS

DESIGNATION	CODE	Qty.
Support thrust	983562	4
Lower bearing	981263	1
Upper bearing	981257	1
Blocking screw	983563	2
Product meter	914200	1
Tank immersion heater	903121	1
Booster immersion heater	903108	1
Solenoid valve without water softener	914100	1
Solenoid valve with water softener	241754	1
Pump	904030	1
Tank drain pump (option)	904018	1
Pressure switch	901300	1
Tank drain option pressure switch	901026	1
Switch body	900055	2
Switch key	900056	2
Water softener unmaintained switch	900054	1
Maintained switch	900053	1
Programmer	905026	1
Water softener option programmer	905032	1
Thermostat	901017	1
Green light	907533	2
Orange light	907534	2