Wexiödisk

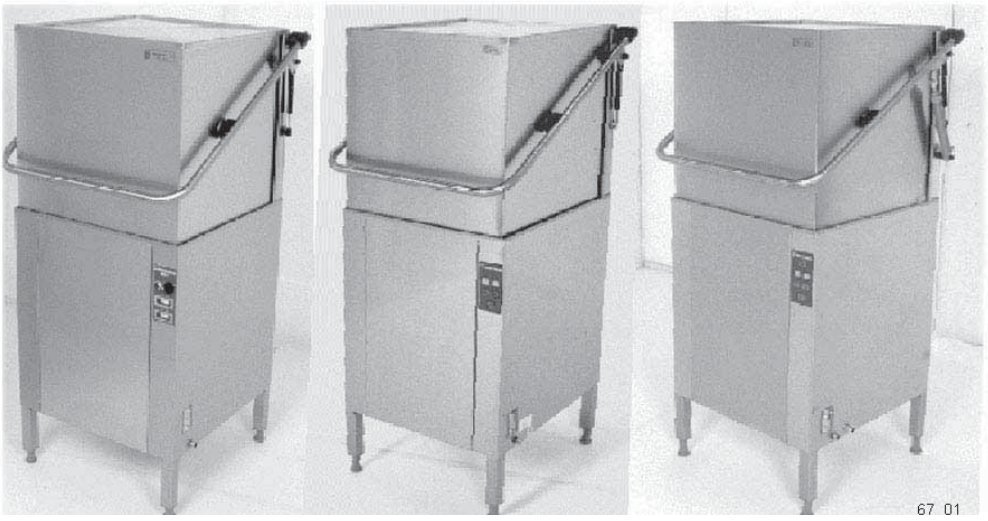
DISHWASHER

Electrically heated
Cold water connected
Marin
Insulated
Uninsulated

TYPE: WD-6, WD-6E, WD-6EA, WD-7E, WD-7EH

Accessories
Drain pump
Booster pump
Re-suction protection
Steam hood

Servicemanual



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1. General

Read the instructions in this manual carefully as they contain important information regarding correct, effective and safe installation, use and service of the dishwasher.

Keep this manual in a safe place for eventual use by other operators of the dishwasher.

1.1 Symbols used in this manual

This symbol warns of situations where a safety risk may arise. Given instructions should be followed in order to prevent injury.

This symbol on a machine part warns of electrical equipment.

This symbol explains the right way to perform a task in order to prevent poor results, damage to the dishwasher or hazardous situations.

This symbol gives recommendations and hints that help to get the best performance from the machine.

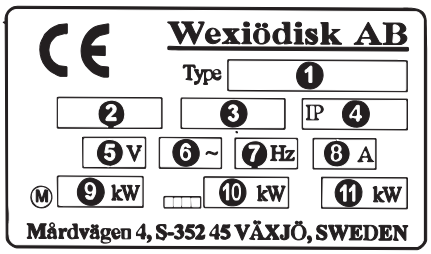
This symbol explains the importance of careful and regular cleaning of the machine to meet hygiene requirements.

1.2 Symbols on the dishwasher

This symbol on a machine part warns of electrical equipment. The part may only be removed by a qualified electrician or trained personnel.

1.2.1 Machine marking

The machine has two rating plates, one of which is placed at the bottom of one side of the machine and the other in the electrical cabinet. The technical information on the plates is also included on the machine's wiring diagram. The various rating fields show:



67_02

1. Machine type
2. Machine number
3. Year of manufacture
4. Enclosure class
5. Voltage
6. Number of phases with or without zero
7. Frequency
8. Main fuse
9. Motor output
10. Electrical heating output
11. Max. output

1.3 Checking agreement between the appliance and the manual

Check the type description on the rating plate agrees with the type description on the front of the manual. If manuals are missing, it is possible to order new ones from the manufacturer or the local representative. When ordering new manuals, it is important to quote the machine number found on the rating plates.

2. Safety instructions

2.1 General

The machine is CE marked, which means that the machine complies with the requirements of the EU machinery directive with regards to product safety. Product safety means the machine has a design which prevents personal injury or damage to property.

Modification to the equipment without the approval of the manufacturer invalidates the manufacturer's product liability.

To further improve safety during installation, operation and service, the operator and personnel responsible for installation and servicing of the machine should read through the safety instructions carefully.

Switch off the appliance immediately in the event of failure or malfunction. Only trained technicians may service the machine. Regular checks, as mentioned in the manual, should be carried out as per the instructions. The machine should be serviced by a person authorised to do so by the manufacturer. Use original spare parts. Contact an authorised service company to draw up a programme for preventative care. Dangerous situations may arise if the above is not followed.

Before using the machine, ensure that personnel are given the requisite training in handling and care of the machine.

2.2 Transport

Handle the machine with care during unloading and transport to avoid tipping. Never lift or move the machine without the wooden packaging supporting the stand.

2.3 Installation

The electrical cabinet may only be opened by a qualified electrician or trained personnel.

Connection of water and steam pipes must only be carried out by authorised personnel.

Connection of water pipes must be carried out in a manner that complies with the regulations of the local water supply authority. Check the tightness of the water and steam connections before operating the machine.

Make sure that the mains voltage is the same as that indicated on the machine's rating plate. The machine should be connected to a lockable main switch.

2.4 Detergent and rinsing agent

Only detergent and drying agent intended for industrial dishwashing machines are to be used. Ordinary washing-up liquid must not be used in the machine or for soaking. Contact your detergent supplier regarding the selection of a suitable detergent.

Be aware of the risk of handling washing and drying agents. Protective gloves and goggles should be used when handling machine dishwashing detergent. Read the warning text on the detergent and drying agent containers as well as the regulations of the detergent supplier.

2.5 Operation

2.5.1 Hot water

The temperature of the washing and rinsing water is 60°C and 85°C. If the machine has a manual hood lift, do not open the hood until the washing and rinsing phase is finished.

2.5.2 Risk of crushing

If the machine has an automatic hood lift, take care when the lid is closing to avoid crush damage.

2.6 Cleaning the machine

The temperature of the water in the tank is approx. 60°C and contains detergent. Be careful when emptying and cleaning the machine. Use protective gloves.

2.6.1 Cleaning with high-pressure washing

High-pressure washing must not be used for washing the machine.

In order to satisfy current requirements, electrical components of approved enclosure classes are used. There is no enclosure class capable of withstanding high pressure.

2.6.2 Outside the machine

Pressure washers and hoses must not be used to wash the outside of the machine. Water can penetrate into the electrical cabinet and the control panel and damage the equipment, which may affect the safety of the machine.

2.7 Cleaning the floor

When cleaning floors using high-pressure equipment, water can splash up under the machine and damage the components. These have not been designed to withstand rinsing

with water. Never use high pressure washes on the floor less than 1 metre from the dishwasher without using the special protective covers available to prevent splashes. Problems with splashing can also occur when using ordinary water hoses.

2.8 Safety instructions in case of malfunction

Switch off the power before removing the front panel. Avoid contact with hot pipes and booster heaters.

Check the following:

- Has the appliance been used according to the instructions?
- Are all removable parts present?
- Is the main switch in the ON position?
- Are the fuses in the electrical cabinet complete? Ask service personnel to check the fuses.

If nothing else helps, ask the authorised service personnel to check the machine.

2.9 Recycling the machine

Recycling of the appliance when its economical lifetime has been reached must be carried out in accordance with current rules and regulations. Contact professional personnel specialising in recycling.

3. Installation

3.1 General information

The machine must be installed by authorised personnel only.

Read these instructions carefully. They contain important information which will help to ensure that the machine is installed correctly.

The instructions should be used in combination with the wiring diagram and flow diagram for the machine.

The machine is CE marked. The CE mark applies only to the machine in its original form. If the machine is damaged as a result of the instructions not being followed, the supplier's warranty and product liability is invalidated.

3.2 Requirements for the installation site

3.2.1 Lighting

The installation site must have good general lighting to create the best possible working conditions for installation, operation, service and maintenance.

3.2.2 Ventilation

The machine produces heat and steam when in operation. To ensure a good working environment, the room must have a specific air exchange rate. The ventilation requirements for the machine can be found in the TECHNICAL SPECIFICATIONS. In addition, the ventilation in the room must meet current standards.

3.2.3 Drains

There must be a floor drain for the waste water from the machine. The floor drain capacity can be found in the TECHNICAL SPECIFICATIONS.

3.2.4 Service space

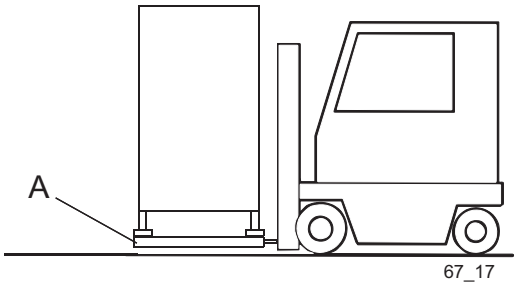
A 1-metre free space should be allowed in front of the machine for service purposes.

3.3 Transport and storage

Always transport the machine upright.

Take care during transport as there is a risk of the machine tipping over.

NOTE: The machine must not be transported without a pallet or other support. Otherwise the machine may be damaged. When transporting the machine without a standard wooden pallet, always make sure that none of the components of the machine can be damaged.



A=Wooden pallet

If the machine is not being installed straight away, it must be stored in a dry, frost-free area.

3.3.1 Unpacking

Remove the packaging. Inspect the machine for any transport damage.

Check against the delivery note that all the components have been delivered.

3.3.2 Recycling the packaging

The packaging must be destroyed or recycled in accordance with local regulations.

3.4 Installation

3.4.1 Position of the machine

Put the machine in position and use a spirit level to check that it is horizontal.

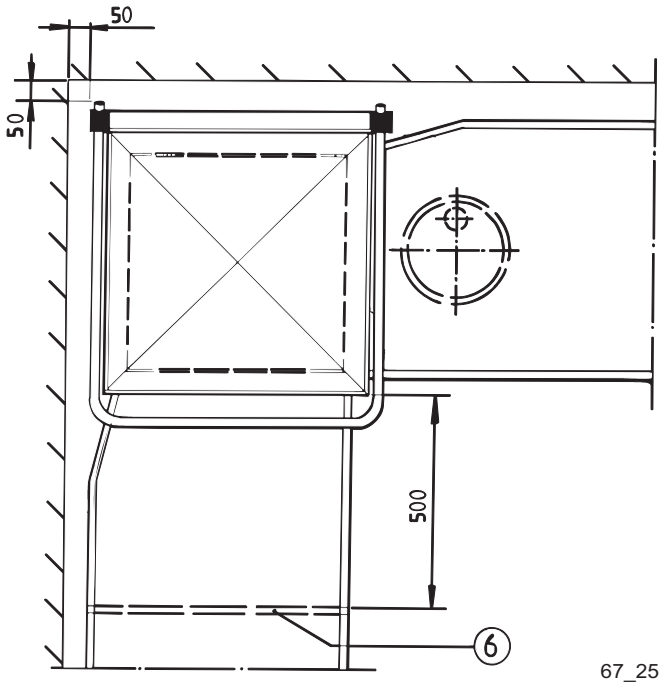
Adjust the height of the machine using its legs.

3.4.2 Installation of auxiliary equipment

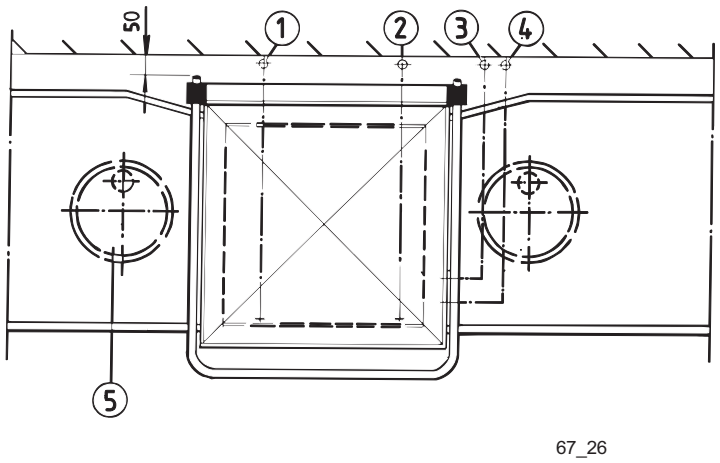
Once the machine is in position and has been adjusted horizontally and vertically, the auxiliary equipment can be installed.

NOTE: When connecting sinks and conveyors, no holes must be drilled in the machine.

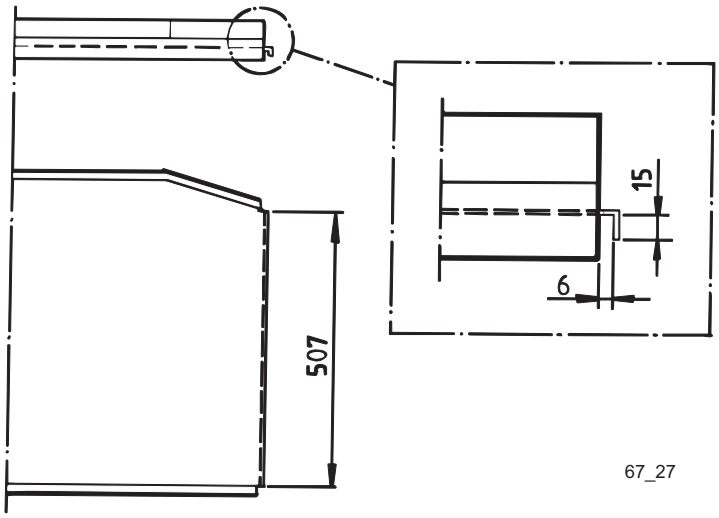
The machine can be positioned so that it can be straight-loaded or corner-loaded.



Corner-feed (WD-6, WD-6E, WD-6EA)



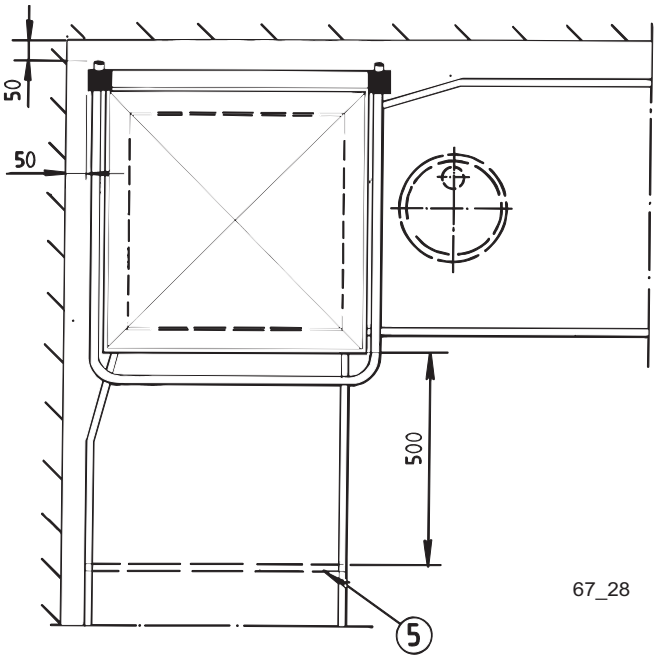
Straight feed (WD-6, WD-6E, WD-6EA)



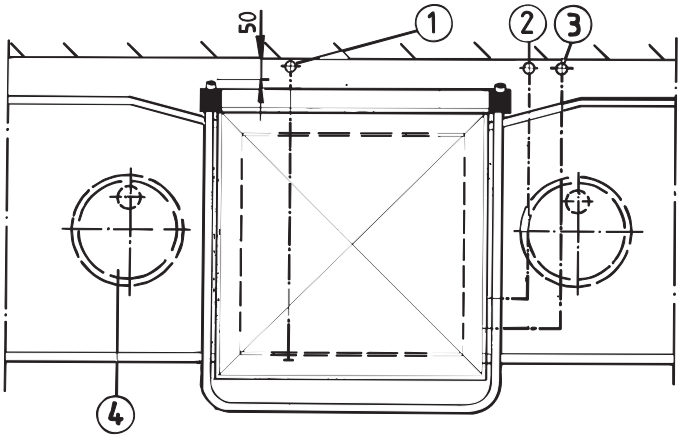
Sink connection (WD-6, WD-6E, WD-6EA)

The list is valid for WD-6, WD-6E and WD-6EA

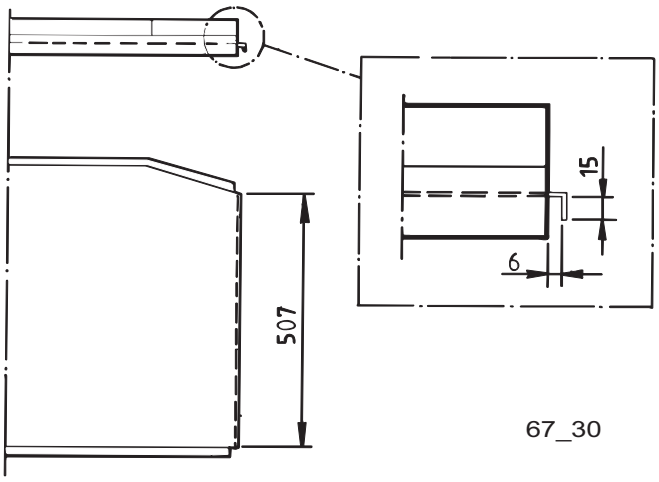
1. Electricity connection (WD-6E, WD-6EA)
2. Electricity connection (WD-6)
3. Cold water connection
4. Hot water connection
5. Floor drain, capacity 3 l/sec.
6. Legs. Placed min. 500 mm in front of the machine.



Corner feed (WD-7E, WD-7EH)



Straight feed (WD-7E, WD-7EH)



Sink connection (WD-7E, WD-7EH)

The list is valid for WD-7E and WD-7EH

1. Electrical connection
2. Cold water connection for the hood lift (WD-7EH)
3. Hot water connection
4. Floor drain, capacity 3 l/sec.
5. Legs. Placed min. 500 mm infront of the machine.

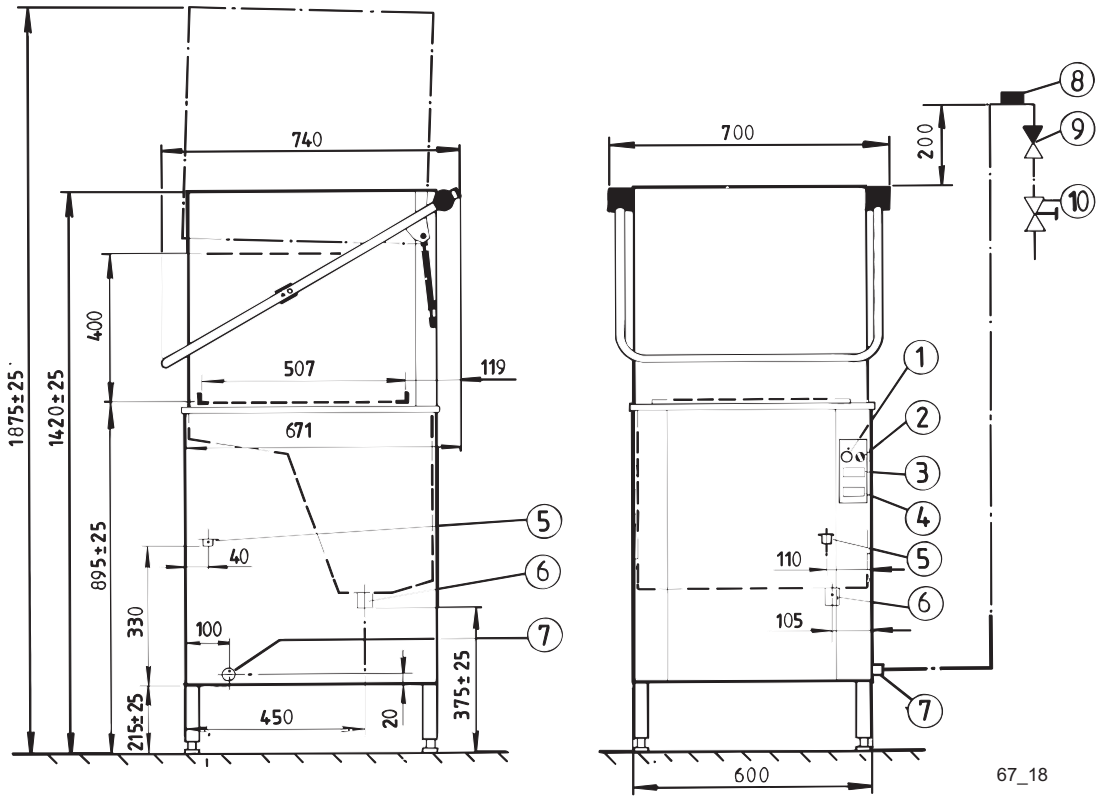
The sinks are hooked firmly onto the top edge of the tank. If the machine is corner-loaded, there must be free space in front of the machine to allow the door to the electric cabinet to be opened.

The legs on the sink connected to the front of the machine must be at least 500 mm away from the machine to allow the machine to be accessed for servicing.

Use a spirit level to check that the sinks are horizontal and adjust the height, if necessary.

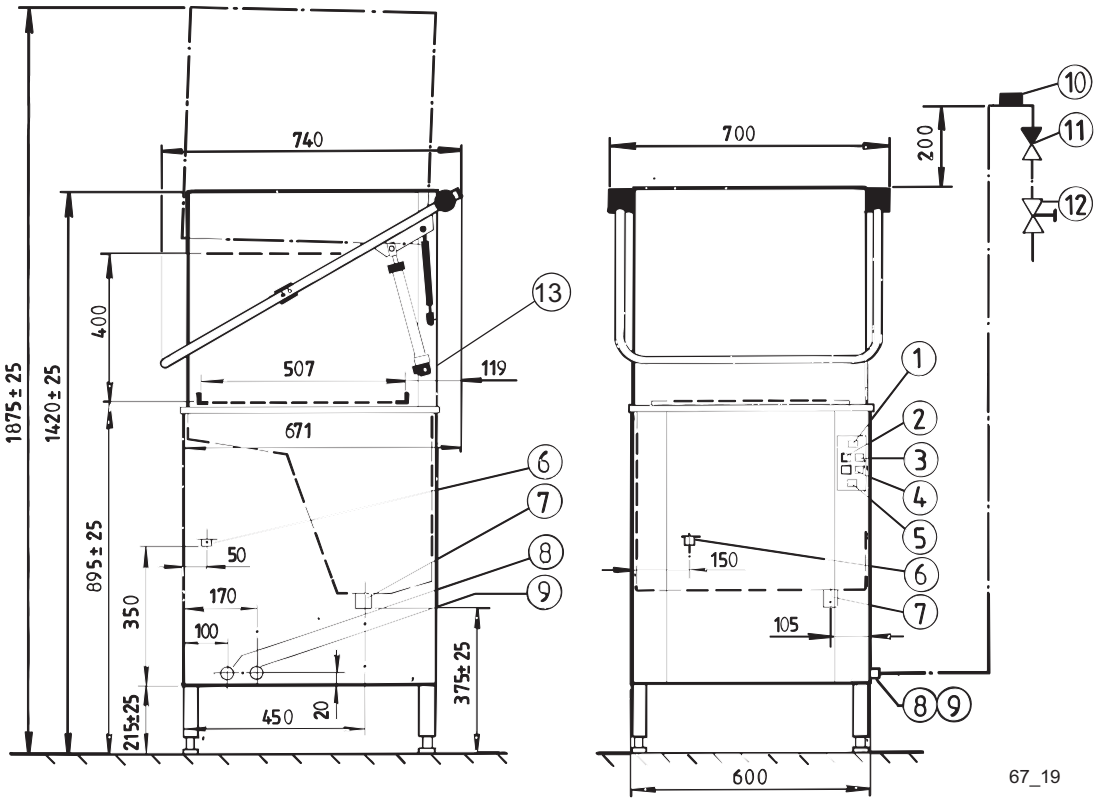
3.4.3 Connections

Connections, WD-6



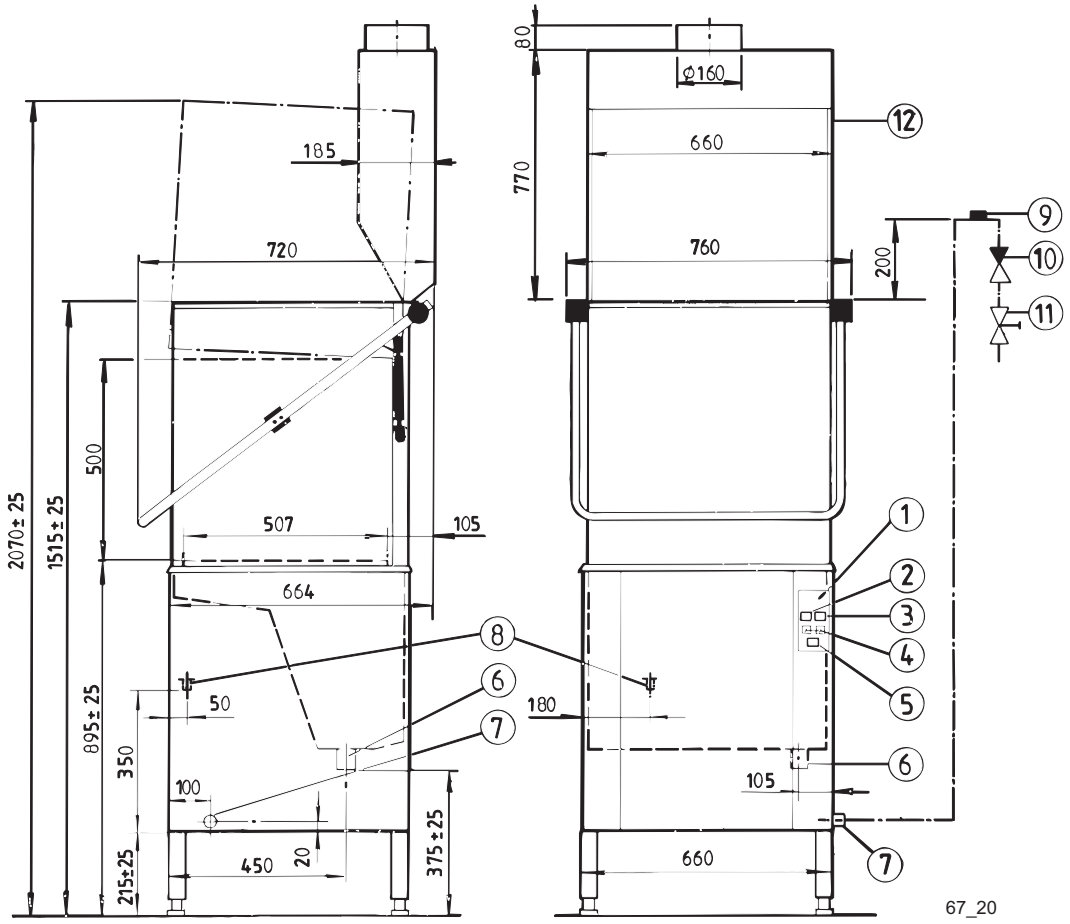
1. Pilot lamp
2. Control knob
3. Thermometer wash temp.
4. Thermometer rinse temp.
5. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal 13-18mm)
6. Drain connection R1½", external thread
7. Hot water connection 55-70°C, R½", external thread
8. Vacuum valve (extra equipment)
9. Non return valve (extra equipment)
10. Stop cock (extra equipment)

Connections, WD-6E and WD-6EA



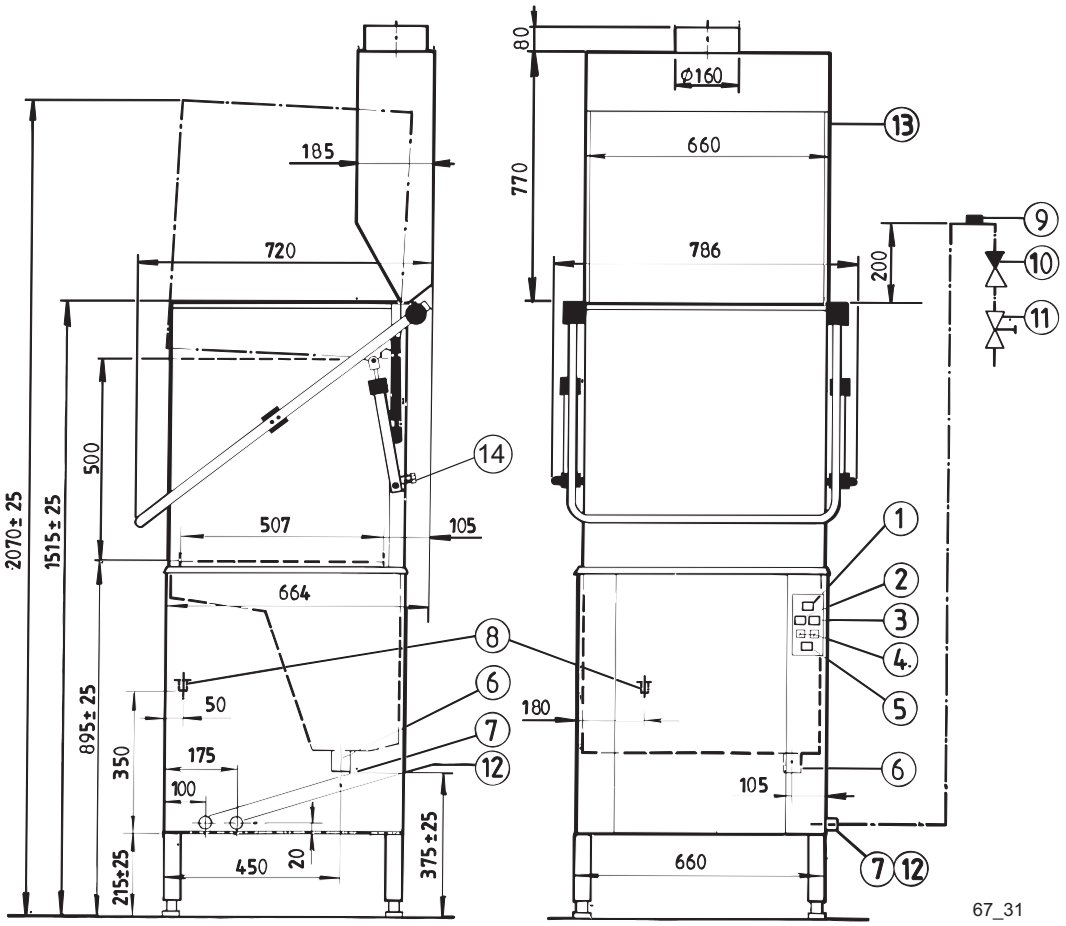
1. Push button hood lift (WD-6EA)
2. Display, temperature
3. Programme indicator
4. Programme selector
5. On / Off
6. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal 13-18mm)
7. Drain connection R1½", external thread
8. Hot water connection 55-70°C R½", external thread
9. Cold water connection 5-12°C R½", external thread (WD-6EA)
10. Vacuum valve (extra equipment)
11. Non return valve (extra equipment)
12. Stop cock (extra equipment)
13. Aeration screw (WD-6EA)

Connections, WD-7E



1. Control panel
2. Temperature display,
3. Programme indicator
4. Programme selector
5. On / Off
6. Drain connection R1½", external thread
7. Hot water connection 55-70°C R½", external thread
8. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal. 13-18mm)
9. Vacuum valve (extra equipment)
10. Non return valve (extra equipment)
11. Stop cock (extra equipment)
12. Steam hood (extra equipment)

Connections, WD-7EH



1. Push button hood lift
2. Temperature display
3. Programme indicator
4. Programme selector
5. On / Off
6. Drain connection R1½", external thread
7. Hot water connection 55-70°C R½", external thread
8. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal. 13-18mm)
9. Vacuum valve (extra equipment)
10. Non return valve (extra equipment)
11. Stop cock (extra equipment)
12. Cold water connection 5-12°C R½", external thread
13. Steam hood (extra equipment)
14. Aeration screw

Electricity connection

This symbol on part of the machine indicates electrical equipment. The part must only be removed by an authorised electrician.

Information about electrical connections can be found on the machine's wiring diagram. This is on the inside of the front panel.

The machine must be connected to a lockable circuit breaker. This should be placed on a wall, well-protected from water and from the steam which escapes when the hood is opened.

The machine is supplied with its electricity cable already connected.

Denna symbol på en maskindel, varnar för elektrisk utrustning. Delen får lossas endast av inom el fackkunnig personal.

Water connection, WD-6

A shut-off cock must be installed on the incoming pipes.

Make sure that the machine stands level. Adjust by the aid of the legs of the machine.

Waterpipe connects at (7). If the machine is connected to a hose, the hose must have an internal diameter of at least 12mm. The connections should be equipped with a vacuum valve (8), non-return valve (9) and stop cock (10). The connections have built-in filters.

Water connection, WD-6E

A shut -off cock must be installed on the incoming pipes.

Make sure that the machine stands level. Adjust by the aid of the legs of the machine.

Waterpipe connects at (8). If the machine is connected to a hose, the hose must have an internal diameter of at least 12 mm. The connections should be equipped with a vacuum valve (10), non-return valve (11) and stop cock (12). The connections have built-in filters.

Water connection, WD-6EA

A shut -off cock must be installed on the incoming pipes.

Make sure that the machine stands level. Adjust by the aid of the legs of the machine.

Hot waterpipe connects at (8). Cold water pipe for the hood-lift connects at (9). If the machine is connected to a hose, the hose must have an internal diameter of at least 12 mm. The connections should be equipped with a vacuum valve (10), non-return valve (11) and stop cock (12). The connections have built-in filters.

Water connection, WD-6E and WD-6EA (cold water connected)

A shut -off cock must be installed on the incoming pipes.

Make sure that the machine stands level. Adjust by the aid of the legs of the machine.

Waterpipe connects both at (8) and (9). If the machine is connected to a hose, the hose must have an internal diameter of at least 12 mm. The connections should be equipped with a vacuum valve (10), non-return valve (11) and stop cock (12). The connections have built-in filters.

Water connection, WD-7E

A shut -off cock must be installed on the incoming pipes.

Make sure that the machine stands level. Adjust by the aid of the legs of the machine.

Hot waterpipe connects at (7). If the machine is connected to a hose, the hose must have an internal diameter of at least 12 mm. The connections should be equipped with a vacuum valve (9), non-return valve (10) and stop cock (11). The connections have built-in filters.

Water connection, WD-7EH

A shut -off cock must be installed on the incoming pipes.

Make sure that the machine stands level. Adjust by the aid of the legs of the machine.

Hot waterpipe connects at (7). Cold water pipe for the hood-lift connects at (12). If the machine is connected to a hose, the hose must have an internal diameter of at least 12 mm. The connections should be equipped with a vacuum valve (9), non-return valve (10) and stop cock (11). The connections have built-in filters.

Water connection, WD-7E and WD-7EH (cold water connected)

A shut -off cock must be installed on the incoming pipes.

Make sure that the machine stands level. Adjust by the aid of the legs of the machine.

Waterpipe connects both at (7) and (12). If the machine is connected to a hose, the hose must have an internal diameter of at least 12 mm. The connections should be equipped with a vacuum valve (9), non-return valve (10) and stop cock (11). The connections have built-in filters.

Drain connection, WD-6

The waste water system is connected to (6) with a Ø 20 mm plastic pipe. The waste water is conveyed to the draining gutter, wherer it flows into the water below.

Drain connection, WD-6E and WD-6EA without drain pump

The waste water system is connected to (7) with a Ø 20 mm plastic pipe. The waste water and the outlet hose for hood lift (WD-6EA) is conveyed to the draining gutter, wherer it flows into the water below.

Drain connection, WD-6E and WD-6EA with drain pump

The waste water system is connected to (7) with a Ø 20 mm plastic pipe. The waste water and the outlet hose for hood lift (WD-6EA) is connected to the sink, which shall end 25 mm over the edge of the sink.

Drain connection, WD-7E and WD-7EH without drain pump

The waste water system is connected to (6) with a Ø 20 mm plastic pipe. The waste water and the outlet hose for hood lift (WD-7EH) is connected to the sink, which shall end 25 mm over the edge of the sink.

Drain connection, WD-7E and WD-7EH with drain pump

The waste water system is connected to (6) with a Ø 20 mm plastic pipe. The waste water and the outlet hose for hood lift (WD-7EH) is connected to the sink, which shall end 25 mm over the edge of the sink.

Aeration of the hood-lift, WD-6EA

Open the aeration screws (13). Press the 0/1 button and open the cut-off cock slightly until a low water flow is pouring out of the aeration screws. Let the water flow until all bubbles in the hoses have disappeared. Close the aeration screws and open the cut-off cock completely.

Aeration of the hood-lift, WD-7EH

Open the aeration screws (14). Press the 0/1 button and open the cut-off cock slightly until a low water flow is pouring out of the aeration screws. Let the water flow until all bubbles in the hoses have disappeared. Close the aeration screws and open the cut-off cock completely.

Detergent and drying agent connection

Inlets for hoses is on the back of the machine.

The drying equipment is supplied with the machine. Connect the suction hose for the drying agent injector to the drying agent container.

The equipment for liquid detergent is an optional extra. If the machine is supplied with detergent equipment, connect the suction hose from the detergent pump to the detergent container.

The method for installing detergent and drying agent injector is described in the ADJUSTMENT INSTRUCTIONS.

For electrical connection, see electrical diagram.

3.5 Trial run

Read the INSTRUCTIONS FOR USE before preparing the machine for the trial run. They contain a description of the actions to be taken to prepare the machine for operation.

3.5.1 Start-up schedule

Machine type:

Machine number:

Installation date:

Customer:	Dealer:
Postal address:	Contact person:
Telephone:	Telephone:
Contact person:	
Installatio company:	Service company:
Contact person:	Telephone:
Telephone:	
Detergent supplier:	Signature of customer:

Read the contents of the Installation and user manuals carefully. Then check off as follows:

1. Check:

- Water and drain connections
- That the machine is evenly balanced
- Detergent and drying agent
- Filters and level pipe are in place

2. Filling the machine:

- Turn on the main switch and any circuit breakers
- Close the hood
- Fill the machine with water as per the INSTRUCTIONS FOR USE

3. Start the machine:

- Check the pump's direction of rotation NB! If the direction of rotation is wrong, phase inversion of the contactor is required.
- Empty the machine and refill
- Check the final rinse flow during filling Note: If the flow is correct, the machine will fill in 2.5 min. (WD-7E 3 min.) The flow is regulated by the built-in ball valve

4. Check the setting of reference values:

- The delay for the booster pump
- Check the temperatures (On electronic machines all reference values are set to the recommended values on delivery.)

5. Run a number of washes with loads and check that:

- There are no water leaks
- The hood breaker functions
- The automatic hood lift function is working (WD-6EA, WD-7EH)
- The water temperatures are maintained
- The washed items are clean
- The washed items dry off Note: The equipment for detergent and drying agent is roughly set at the factory; contact your detergent supplier for a more precise setting.

6. Final check: Empty the machine and turn off the power using the main switch.

- Re-tighten all connections on contactors and any circuit breakers
- Set all circuit breakers to ON position
- Put up the accompanying care instructions

7. Train dishwashing staff

3.6 Technical documentation

To ensure that the machine is operated and serviced correctly, it is important that the documentation supplied with the machine is made available to the personnel using it. The installation and user manual, which describes how to operate and maintain the machine, must be kept near the machine.

If a service manual is supplied with the machine, it must be handed over to the service engineer.

4. Functional description

4.1 General information

The dishwasher is designed to wash items used to prepare and serve food, and different types of items for storing food.

It´s a front-loaded machine with a hood and to versions are available, electro-mecanical with one wash programme and with electronic display with three wash programmes.

The machine is also available with automatic hood lift.

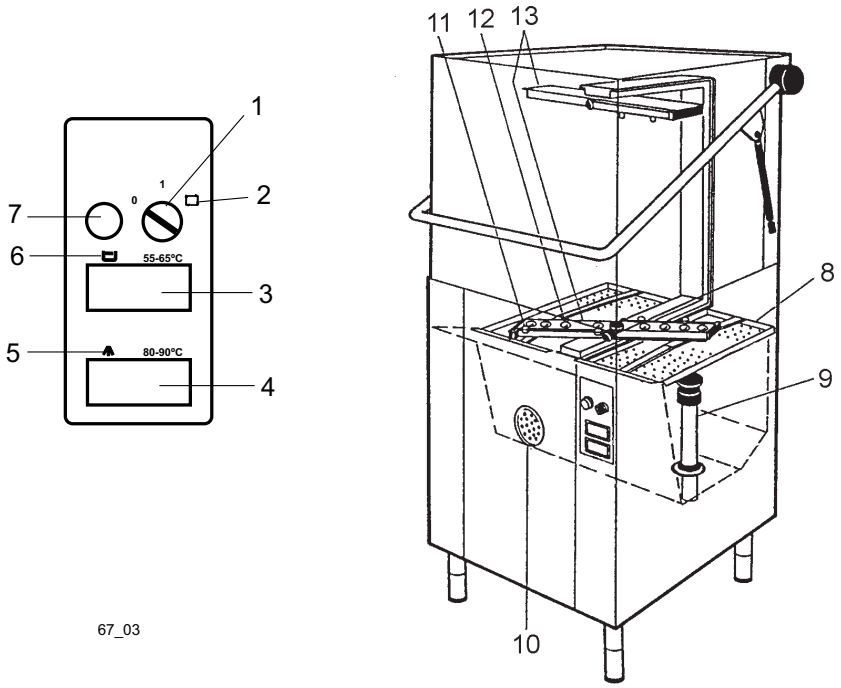
4.2 Design

The machine is made entirely of corrosion-resistant materials. The bottom frame has adjustable legs.

The electrical cabinet containing the electrical and electronic equipment is on the front of the machine to make it more easily accessible.

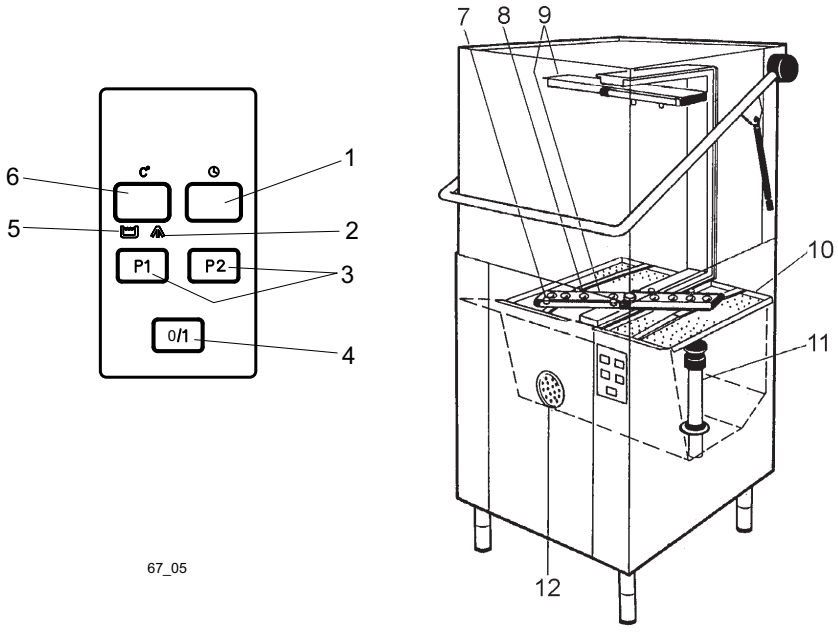
The entire machine is insulated against noise and heat. The outside of the machine is made of ground sheet metal.

4.2.1 The construction of the machine, WD-6



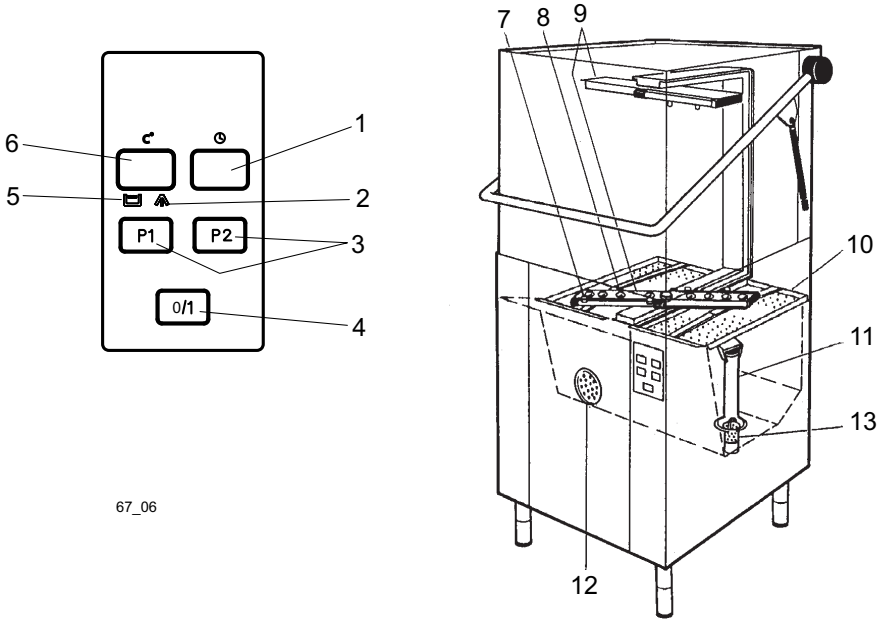
1. Knob. On / Off and start dishing
2. Symbol for automatic
3. Thermometer washtemperature
4. Thermometer rinsetemperature
5. Symbol for final rinse temperature
6. Symbol for tank temperature
7. Indicator light
8. Tank strainer
9. Level tube
10. Pump strainer
11. Rinse nozzle
12. Wash nozzle
13. Wash and rinse arm

4.2.2 The construction of the machine, WD-6E without drain pump



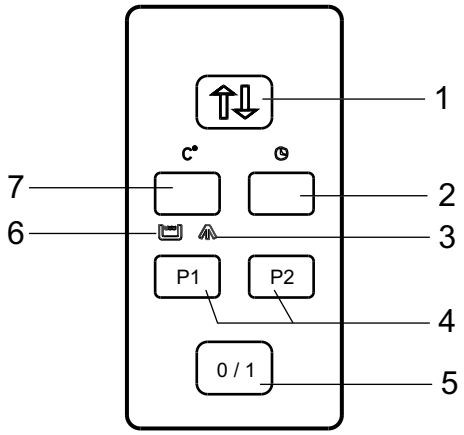
1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer

4.2.3 The construction of the machine, WD-6E with drain pump

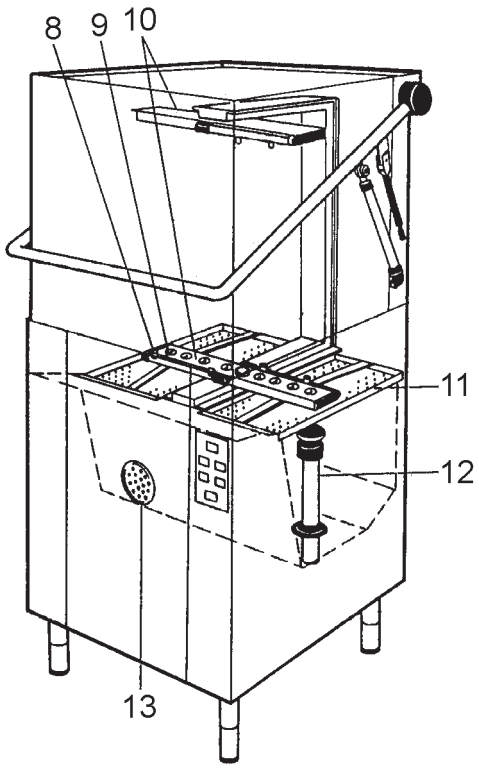


1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer
13. Outlet strainer

4.2.4 The construction of the machine, WD-6EA without drain pump

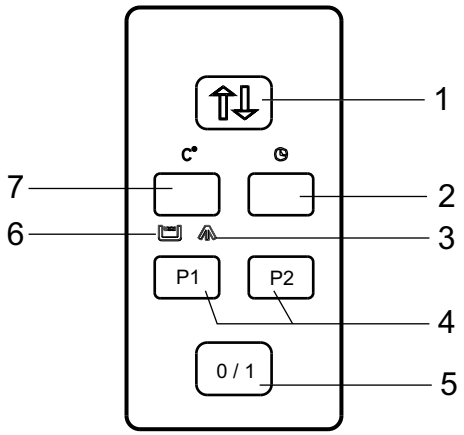


67_07

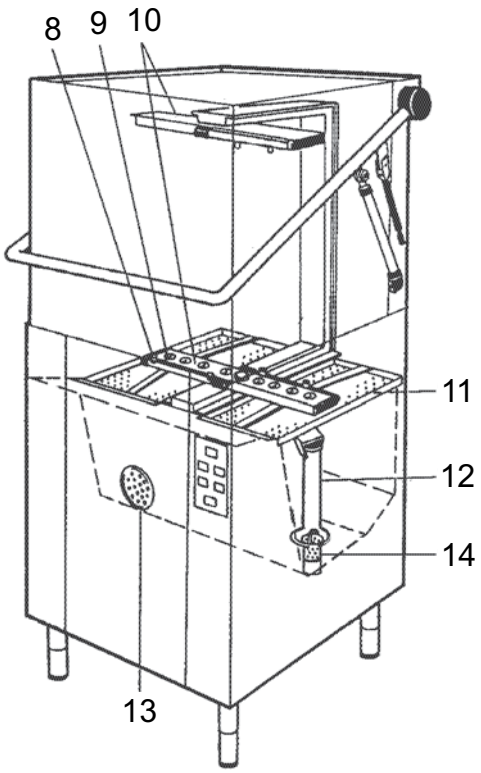


1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer

4.2.5 The construction of the machine, WD-6EA with drain pump

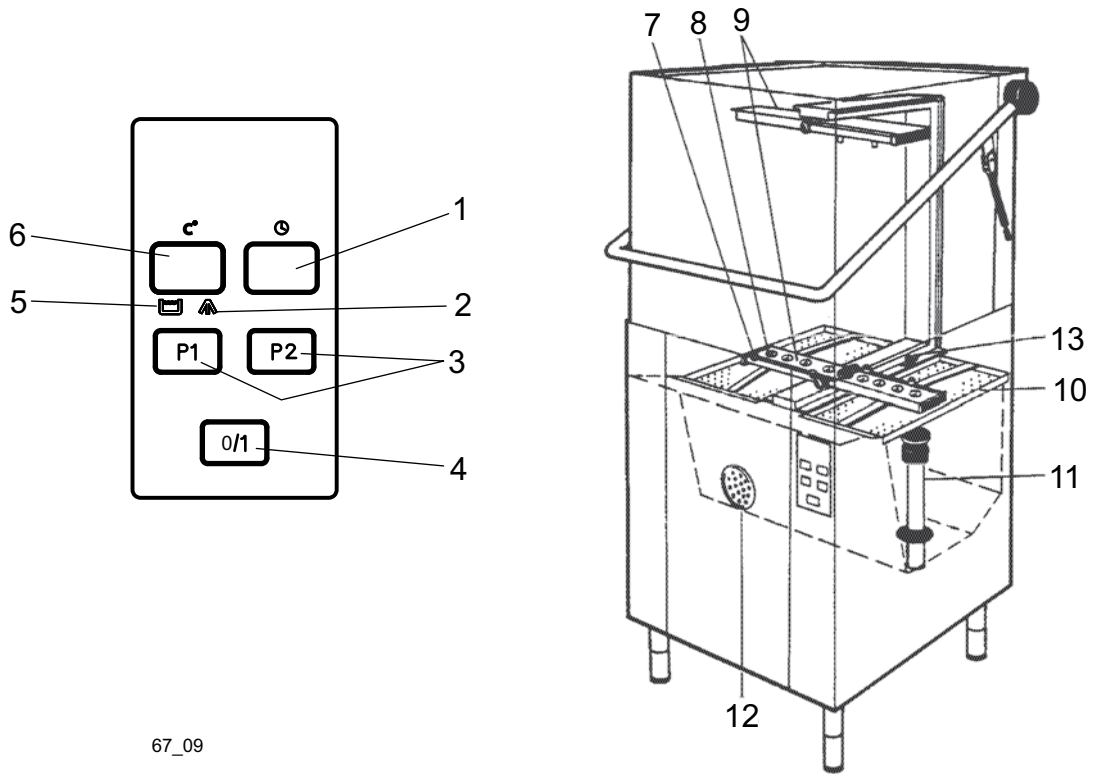


67_08



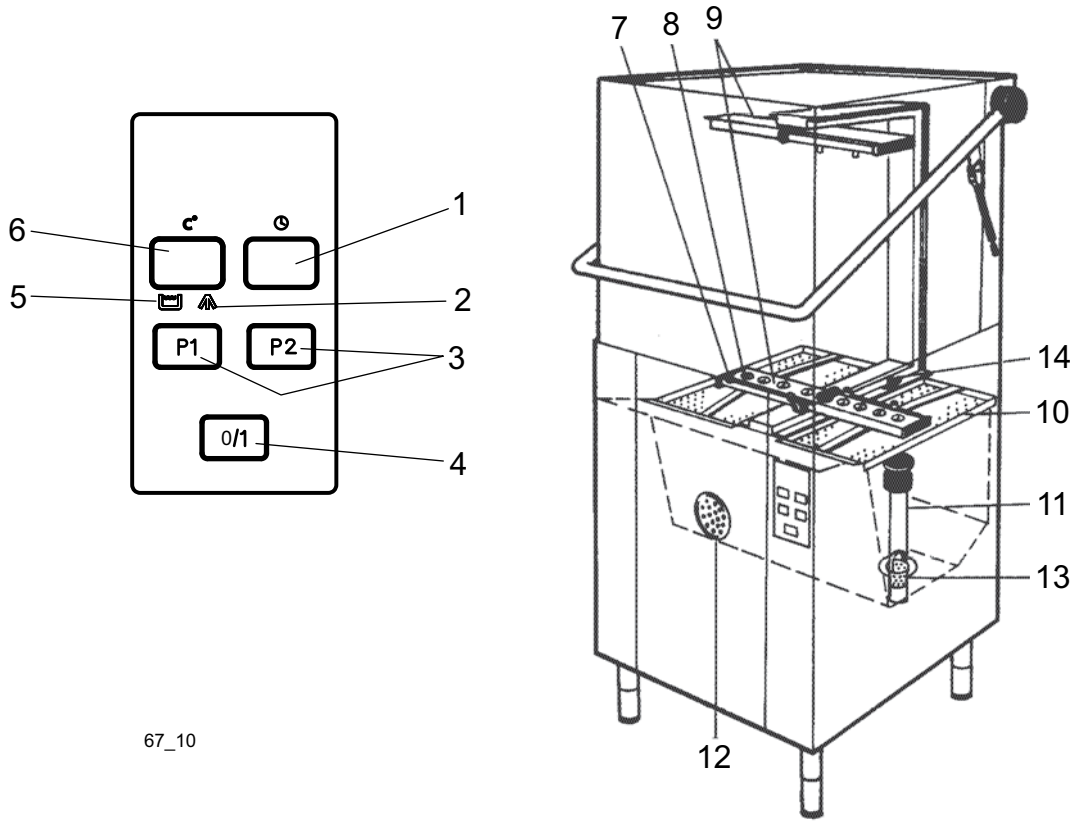
1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer
14. Outlet strainer

4.2.6 The construction of the machine, WD-7E without drain pump



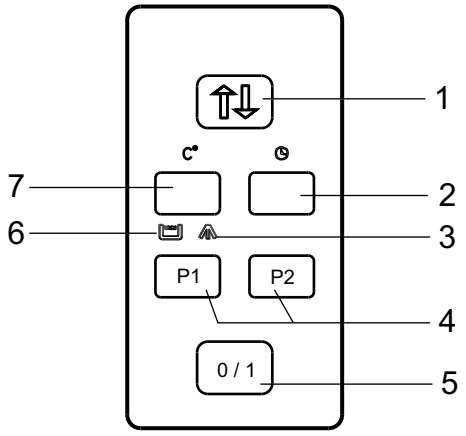
1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer
13. Lever, Normal-Heavily wash

4.2.7 The construction of the machine, WD-7E with drain pump

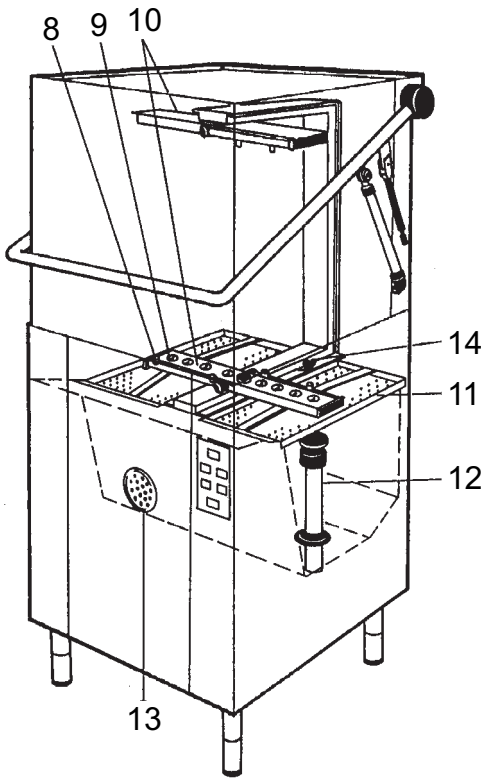


1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer
13. Outlet strainer
14. Lever, Normal-Heavily wash

4.2.8 The construction of the machine, WD-7EH without drain pump

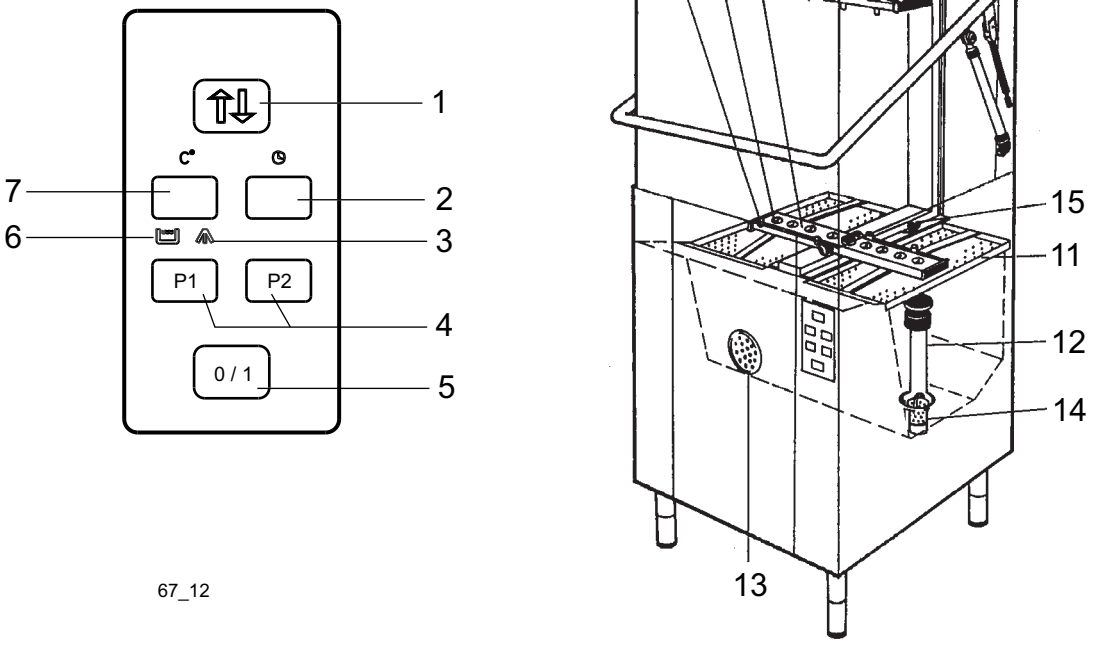


67_11



1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer
14. Lever, Normal-Heavily wash

4.2.9 The construction of the machine, WD-7EH with drain pump



1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer
14. Outlet strainer
15. Lever, Normal-Heavily wash

4.2.10 Components and functions

Bottom section

The bottom section of the machine contains the dishwashing pump (also emptying pump and booster pump, where applicable), washing tank, booster heater, drying agent injector, detergent pump, valves and electrical cabinet. The washing tank contains a heating element, level pipe, pump filter, drain filter and connection for level sensor. The tank is equipped with filters for collecting impurities.

Top section

The top section consists of the actual dishwashing compartment containing the washing and rinsing system.

A breaker in the hood stops the dishwashing pump during the washing or rinsing phase if the hood is opened while a programme is in progress. This breaker also affects filling of the machine. The machine cannot be filled with water when the hood is open.

The rinsing system

During the washing phase the dishwashing pump takes its water from the washing tank and circulates it in the rinsing system.

The rinsing system includes two removable washer arms with related rinsing pipes. The washer arms, which rotate during the washing and rinsing phases, rinse the items from above and below.

During the final rinse phase, the items are rinsed with fresh water heated to the correct temperature in the electrically-heated booster heater.

4.3 How the machine works, WD-6

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6".

4.3.1 Filling and heating

The hood must be open. To start the machine, turn the knob (1) to position 1. The water in the booster heater will begin heating up. Now fit level pipe and filters. Once the hood is closed, filling of the tank commences and continues until the level pressure switch is actuated. Once the correct water level has been reached, the green light (7) comes on. Filling is via the booster heater and rinsing pipes. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, heating of the water in the booster heater continues until the correct temperature (85°C) is reached. The water is subsequently heated in the tank as required. Heating time is dependent on incoming water temperature. The washing temperature can be checked on the washing thermometer (3). The temperature of the rinsing water can be checked on the thermometer (4).

The heat in the tank is governed by a separate thermostat set at 60°C.

4.3.2 Wash programme

The machine only has one wash programme, which is started using the knob (1). The programme time is governed by a timer with two tumblers on which washing and rinsing time can be set.

4.3.3 Washing

To start the washing process once the hood has been closed, turn the knob (1) to the symbol for automatic mode (2).

The dishwashing pump recirculates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles in the washer arms (13). The washer arms rotate during the washing phase.

Dirt collects on the tank filters (8).

After the set time, the dishwashing pump stops and the rinsing phase commences. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water. The final rinse lasts for approximately 13-16 seconds.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes.

The hood is equipped with a safety switch that halts the washing or rinsing phase if the hood is opened while a washing cycle is in progress.

4.3.4 Draining and internal cleaning

To switch off the machine, turn the knob (1) to position 0.

The tank empties when the level pipe (9) is removed.

Close the hood and set the knob (1) to position 1. Reset the knob (1) to position 0 after approximately 25 seconds and open the hood. The machine has now been cleaned internally.

4.4 How the machine works, WD-6E without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E without drain pump".

4.4.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (4) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. The temperature is shown in the display (6) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the reference value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (6) shows the tank temperature and the symbol (5) lights up. If the tank temperature falls below 50°C, the symbol (5) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (2) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.4.2 Selecting a programme

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (3) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (1).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the machine is not in use. When switching to P0, press the programme button shown in the display (1).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.4.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (1) then switches from showing programme number to showing wash time remaining. The dishwashing pump starts and circulates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles (8) in the washer arms. The washer arms rotate during the washing phase.

The symbol (5) is lit during the washing phase. If the water level in the tank falls too low, the symbol (5) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (2) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (7) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (2) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (5) lights up and the selected programme is shown again in the display (1).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

4.4.4 Draining and internal cleaning

When the machine is switched off using the button (4), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

The tank empties when the level pipe (11) is removed.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (3); EP is shown in the display (1). The washer arms begin to rotate, and clean water rinses the machine internally. The rinsing concludes after approximately 30 seconds. The "--" indication on the panel (1) goes out and the machine is dead.

4.5 How the machine works, WD-6E with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E with drain pump".

4.5.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (4) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. The temperature is shown in the display (6) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the reference value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (6) shows the tank temperature and the symbol (5) lights up. If the tank temperature falls below 50°C, the symbol (5) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (2) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.5.2 Selecting a programme

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (3) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (1).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the machine is not in use. When switching to P0, press the programme button shown in the display (1).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.5.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (1) then switches from showing programme number to showing wash time remaining. The dishwashing pump starts and circulates the water in the tank. The water is

conveyed through the rinsing system and rinses the items from above and below via nozzles (8) in the washer arms. The washer arms rotate during the washing phase.

The symbol (5) is lit during the washing phase. If the water level in the tank falls too low, the symbol (5) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (2) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (7) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (2) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (5) lights up and the selected programme is shown again in the display (1).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

4.5.4 Draining and internal cleaning

When the machine is switched off using the button (4), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

Remove the level pipe (11) from the machine. Start the emptying pump using button P1 (3). EP is shown in the display (1), and the water in the washing tank is pumped to the drain. The pump stops automatically after a set period.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (3); EP is shown in the display (1). The washer arms begin to rotate, and clean water rinses the machine internally. The rinsing concludes after approximately 30 seconds. The emptying pump starts automa-tically and the water from the internal rinsing is emptied from the washing tank. The emptying pump stops. The "--" indication on the panel (1) goes out and the machine is dead.

4.6 How the machine works, WD-6EA without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA without drain pump".

4.6.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (5) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. If it is open, press at button (1) on the display and it will be closed. The temperature is shown in the display (7) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the reference value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (7) shows the tank temperature and the symbol (6) lights up. If the tank temperature falls below 50°C, the symbol (6) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (3) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.6.2 Selecting a programme

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (4) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (2).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the machine is not in use. When switching to P0, press the programme button shown in the display (2).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.6.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (2) then switches from showing programme number to showing wash time remaining. The dishwashing pump starts and circulates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles (9) in the washer arms. The washer arms rotate during the washing phase.

The symbol (6) is lit during the washing phase. If the water level in the tank falls too low, the symbol (6) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (3) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (8) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (3) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (6) lights up and the selected programme is shown again in the display (2).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

The hood will be opened in two stages. First a little part, here it will be an adjustable time for letting steam out, then it will be opened entirely.

4.6.4 Draining and internal cleaning

When the machine is switched off using the button (5), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

The tank empties when the level pipe (12) is removed.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (4); EP is shown in the display (2). The washer arms begin to rotate, and clean water rinses the machine internally. The rinsing concludes after approximately 30 seconds. The "--" indication on the panel (2) goes out and the machine is dead.

4.7 How the machine works, WD-6EA with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA with drain pump".

4.7.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (5) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. If it is open, press at button (1) on the display and it will be closed. The temperature is shown in the display (7) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the reference value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (7) shows the tank temperature and the symbol (6) lights up. If the tank temperature falls below 50°C, the symbol (6) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (3) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.7.2 Selecting a programme

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (4) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (2).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the

machine is not in use. When switching to P0, press the programme button shown in the display (2).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.7.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (2) then switches from showing programme number to showing wash time remaining. The dishwashing pump starts and circulates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles (9) in the washer arms. The washer arms rotate during the washing phase.

The symbol (6) is lit during the washing phase. If the water level in the tank falls too low, the symbol (6) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (3) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (8) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (3) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (6) lights up and the selected programme is shown again in the display (2).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

The hood will be opened in two stages. First a little part, here it will be an adjustable time for letting steam out, then it will be opened entirely.

4.7.4 Draining and internal cleaning

When the machine is switched off using the button (5), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

Remove the level pipe (12) from the machine. Start the emptying pump using button P1 (4). EP is shown in the display (1), and the water in the washing tank is pumped to the drain. The pump stops automatically after a set period.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (4); EP is shown in the display (2). The washer arms begin to rotate, and clean water rinses the machine internally. The rinsing concludes after approximately 30 seconds. The emptying pump starts automa-tically and the water from the internal rinsing is emptied from the washing tank. The emptying pump stops. The "--" indication on the panel (2) goes out and the machine is dead.

4.8 How the machine works, WD-7E without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7E without drain pump".

4.8.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (4) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. The temperature is shown in the display (6) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the reference value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (6) shows the tank temperature and the symbol (5) lights up. If the tank temperature falls below 50°C, the symbol (5) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (2) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.8.2 Selecting a programme

The machine has two preset wash modes: Normal and Intensive wash. To select this mode, turn the lever (13) to the required position.

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (3) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (1).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the machine is not in use. When switching to P0, press the programme button shown in the display (1).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.8.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (1) then switches from showing programme number to showing wash time remaining. The dishwashing pump starts and circulates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles (8) in the washer arms. The washer arms rotate during the washing phase.

The symbol (5) is lit during the washing phase. If the water level in the tank falls too low, the symbol (5) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (2) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (7) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (2) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (5) lights up and the selected programme is shown again in the display (1).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

4.8.4 Draining and internal cleaning

When the machine is switched off using the button (4), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

The tank empties when the level pipe (11) is removed.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (3); EP is shown in the display (1). The washer arms begin to rotate, and clean water rinses the machine internally. The rinsing concludes after approximately 30 seconds. The "--" indication on the panel (1) goes out and the machine is dead.

4.9 How the machine works, WD-7E with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7E with drain pump".

4.9.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (4) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. The temperature is shown in the display (6) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the reference value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (6) shows the tank temperature and the symbol (5) lights up. If the tank temperature falls below 50°C, the symbol (5) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (2) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.9.2 Selecting a programme

The machine has two preset wash modes: Normal and Intensive wash. To select this mode, turn the lever (14) to the required position.

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (3) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (1).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the machine is not in use. When switching to P0, press the programme button shown in the display (1).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.9.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (1) then switches from showing programme number to showing wash time remaining. The dishwashing pump starts and circulates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles (8) in the washer arms. The washer arms rotate during the washing phase.

The symbol (5) is lit during the washing phase. If the water level in the tank falls too low, the symbol (5) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (2) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (7) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (2) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (5) lights up and the selected programme is shown again in the display (1).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (2) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

4.9.4 Draining and internal cleaning

When the machine is switched off using the button (4), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

Remove the level pipe (11) from the machine. Start the emptying pump using button P1 (3). EP is shown in the display (1), and the water in the washing tank is pumped to the drain. The pump stops automatically after a set period.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (3); EP is shown in the display (1). The washer arms begin to rotate, and clean water rinses the machine internally. The rinsing concludes after approximately 30 seconds. The emptying pump starts automa-tically and the water from the internal rinsing is emptied from the washing tank. The emptying pump stops. The "--" indication on the panel (1) goes out and the machine is dead.

4.10 How the machine works, WD-7EH without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7EH without drain pump".

4.10.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (5) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. If it is open, press at button (1) on the display and it will be closed. The temperature is shown in the display (7) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the ref-

erence value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (7) shows the tank temperature and the symbol (6) lights up. If the tank temperature falls below 50°C, the symbol (6) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (3) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.10.2 Selecting a programme

The machine has two preset wash modes: Normal and Intensive wash. To select this mode, turn the lever (14) to the required position.

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (4) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (2).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the machine is not in use. When switching to P0, press the programme button shown in the display (2).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.10.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (2) then switches from showing programme number to showing wash time remaining. The dishwashing pump starts and circulates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles (9) in the washer arms. The washer arms rotate during the washing phase.

The symbol (6) is lit during the washing phase. If the water level in the tank falls too low, the symbol (6) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (3) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (8) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (3) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (6) lights up and the selected programme is shown again in the display (2).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

The hood will be opened in two stages. First a little part, here it will be an adjustable time for letting steam out, then it will be opened entirely.

4.10.4 Draining and internal cleaning

When the machine is switched off using the button (5), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

The tank empties when the level pipe (12) is removed.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (4); EP is shown in the display (2). The washer arms begin to rotate, and clean water rinses the machine internally. The rinsing concludes after approximately 30 seconds. The "--" indication on the panel (2) goes out and the machine is dead.

4.11 How the machine works, WD-7EH with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7EH with drain pump".

4.11.1 Filling and heating

The hood must be open. To start the machine, switch on the power using the 0/1 button (5) on the panel. Water heating commences in the booster heater. Now fit level pipe and filters.

Once the water in the booster heater has reached the correct temperature (85°C), the tank begins to fill with water provided the hood is closed. If it is open, press at button (1) on the display and it will be closed. The temperature is shown in the display (7) on the panel. Filling is via the booster heater and rinsing pipes. With machines connected to cold water, filling continues until the level pressure switch is actuated. With machines connected to hot water, filling continues as long as the temperature of the water is higher than the reference value for the tank; if not, the valve closes until the temperature has risen to 85°C again. This is repeated until the level pressure switch is actuated. The filling function is interlocked with closed hood. While filling is in progress, the detergent pump feeds detergent into the tank.

Once the tank is full, the display (7) shows the tank temperature and the symbol (6) lights up. If the tank temperature falls below 50°C, the symbol (6) flashes.

Water heating in the booster heater continues until the correct rinsing temperature is reached; the symbol (3) flashes if the rinsing temperature is too low. The water is subsequently heated in the tank up to the set value. Heating time is dependent on incoming water temperature.

The water level in the tank is governed by a level sensor. The temperature of the washing and rinsing water is monitored by temperature regulators with sensors located near the heat source.

4.11.2 Selecting a programme

The machine has two preset wash modes: Normal and Intensive wash. To select this mode, turn the lever (15) to the required position.

The machine has three wash programmes: P1, P2 and P3. To select a program, use the buttons (4) on the panel. To access program P3, press buttons P1 and P2 simultaneously. The wash programme selected is shown in the display (2).

Program P1 is intended for lightly soiled items, e.g. trays and glassware. Program P2 is to be used for normal washing and P3 for heavily soiled items.

In addition to wash programmes P1-P3, P0 pause mode is used for prolonged intervals between wash cycles. The hood can then be closed without the machine starting up. P0 pause mode is used to maintain the washing tank's temperature between wash cycles while the machine is not in use. When switching to P0, press the programme button shown in the display (2).

The various programmes have separate adjustable reference values for washing time, final rinse time and final rinse temperature.

4.11.3 Washing

Once the hood is closed and a programme has been selected, the wash cycle will start. The display (2) then switches from showing programme number to showing wash time re-

maining. The dishwashing pump starts and circulates the water in the tank. The water is conveyed through the rinsing system and rinses the items from above and below via nozzles (9) in the washer arms. The washer arms rotate during the washing phase.

The symbol (6) is lit during the washing phase. If the water level in the tank falls too low, the symbol (6) flashes.

If the final rinse water has not reached the correct rinsing temperature when the rinsing phase is due to commence, the symbol (3) flashes and the machine will continue to wash until the required rinsing temperature is achieved.

The rinsing pump starts approximately 0.5 seconds before the dishwashing pump stops; this maintains the ro-tation of the washer arms during the rinsing phase. The solenoid valve for incoming water opens, and fresh heated water from the booster heater rinses the items via nozzles (8) in the rinsing pipes. The rinsing pipes are mounted on the washer arms that rot-ate during the rinsing phase. The symbol (3) lights up when the final rinse is in progress.

During the rinsing phase more fresh water is supplied from the mains via the incoming water supply pipe to be heated in the booster heater. In conjunction with the final rinse, the drying agent injector feeds drying agent into the rinsing water.

Once the final rinse phase has concluded, the solenoid valve for incoming water closes. The wash -programme is concluded. The symbol (6) lights up and the selected programme is shown again in the display (2).

The hood is equipped with a safety switch. If the hood is opened during the washing phase, the dishwashing pump stops and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the programme will start again from the beginning.

If the hood is opened during the rinsing phase, the final rinse will stop and the symbol (3) begins to flash as a reminder that the items must have a final rinse before the basket is removed from the machine. The machine will restart once the hood is closed, but the final rinse will start again from the beginning.

The hood will be opened in two stages. First a little part, here it will be an adjustable time for letting steam out, then it will be opened entirely.

4.11.4 Draining and internal cleaning

When the machine is switched off using the button (5), the number of baskets washed is displayed for around 5 seconds. Two horizontal dashes "--" are subsequently displayed on the panel for five minutes, indicating that the machine is still considered live. During this time the machine must be emptied and any loose parts removed before internal rinsing begins.

Remove the level pipe (12) from the machine. Start the emptying pump using button P1 (4). EP is shown in the display (1), and the water in the washing tank is pumped to the drain. The pump stops automatically after a set period.

Once the tank is empty and the hood closed, start the internal rinsing using button P2 (4); EP is shown in the display (2). The washer arms begin to rotate, and clean water rinses the

machine internally. The rinsing concludes after approximately 30 seconds. The emptying pump starts automa-tically and the water from the internal rinsing is emptied from the washing tank. The emptying pump stops. The "--" indication on the panel (2) goes out and the machine is dead.

4.12 Other functions, with or without drain pump (WD-6E, WD-6EA, WD-7E, WD-7EH)

The breaker in the hood functions as a safety switch. If the hood is opened during operation, hot water must be prevented from spurting out in the washing or rinsing phase. The function of the hood breaker is checked when the current is switched on and before the hood is closed.

On machines with hood lift, it functions by means of water hydraulics.

If the machine has an automatic hood lift function, you can select a ventilation mode, where the hood pauses for a brief period in its upward movement just after having begun to open. This significantly reduces the steam discharge at the front of the machine.

The machine can be filled with hot or cold water. Selection of hot or cold water filling is by means of a DIP change-over switch on the printed circuit card in the electrical cabinet. With cold water filling, the filling process is automatically controlled regardless of incoming water temperature so that when filling is complete the machine has regulated the tank temperature at a level close to the set reference value, and washing can commence immediately.

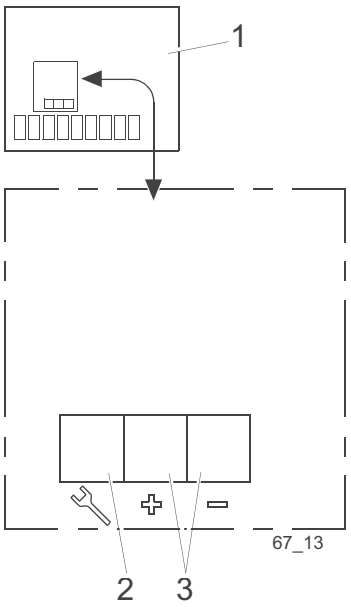
The final rinse temperature can be adjusted up to 95°C without causing boiling in the booster heater. As a result plastic objects, such as trays, dry more quickly once the basket has been removed from the machine.

Incoming water flow can be checked on the panel. This is useful for checking and adjusting the flow in connection with installation and servicing. Press and hold the 0/1 button on the panel when the machine is in P0 pause mode or when it is switched off and the display is indicating (with two horizontal dashes "--") that the machine is still considered live. The flow is shown as l/min.

The machine will transmit an alarm if there is any defective memory in the electronics. Memory faults lead to incorrect functioning.

The machine can be connected to a communication unit that shows energy and water consumption and any operational disturbances as extra equipment. The information can be viewed for two comparable periods. The selected period length can be days, weeks or months.

4.13 Controlling the washing process, with or without drain pump (WD-6E, WD-6EA, WD-7E, WD-7EH)



1. Circuit board
2. Push-button for activating the diagnostic function
3. Push-buttons for adjusting the settings

The various machine functions are controlled by a microprocessor. The circuit board (1) is located in the electrical cabinet.

The push-button (2) is used to activate the machine's diagnostic function. In diagnostic mode the settings and information about the machine's functions can be displayed in different groups.

The diagnostic function consists of four groups: Settings, diagnostics, control and adjusting of booster heaters filling memory and basket counter.

The two buttons labelled + and – (3) are used to change the settings. The following settings, amongst others, can be entered and changed as necessary:

- Washing temperature, rinsing temperature
- Washing times
- Rinsing time
- Detergent dosage time

The diagnostic function and the process for altering the different settings are described in more detail in ADJUSTMENT INSTRUCTIONS.

4.14 Malfuctions, with or without drain pump (WD-6E, WD-6EA, WD-7E, WD-7EH)

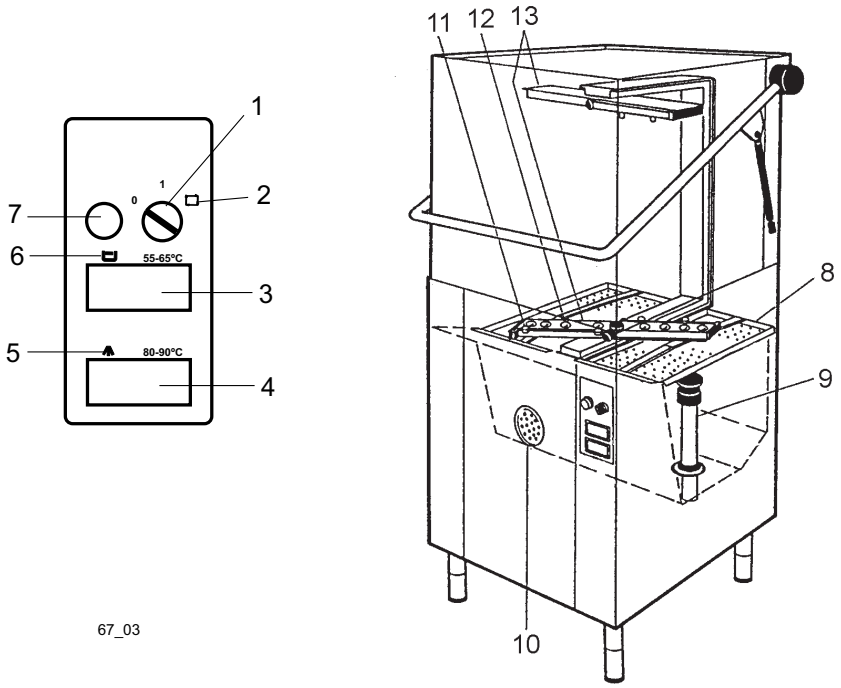
Various error messages can be shown in the control panel displays. Each message is indicated by a code number, e.g. Err1, Err2.... etc. The code number indicates the type of error as per the list in the chapter entitled TROUBLESHOOTING. The various functions of the

machine are controlled by a microcomputer. The printed circuit card (1) is located in the electrical cabinet.

5. Instructions for use

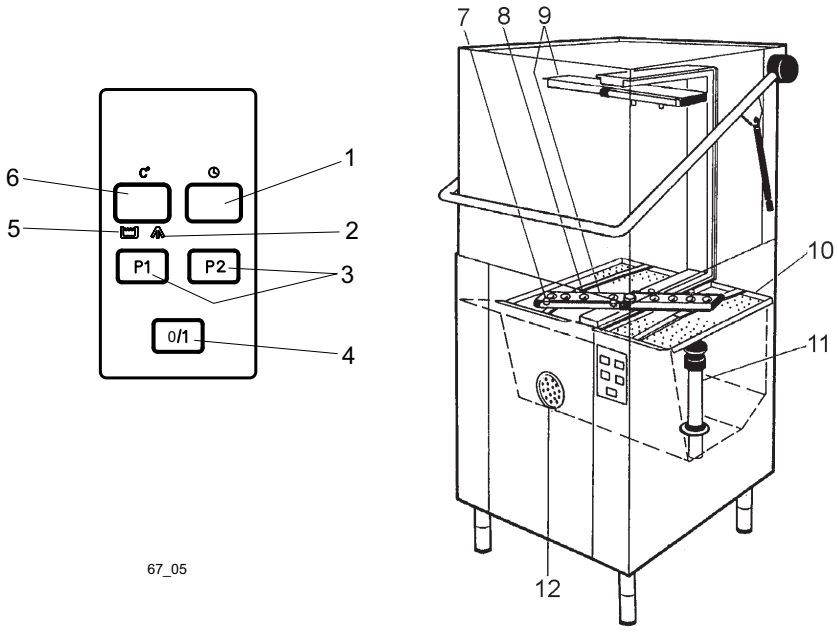
5.1 Preparations

5.1.1 The construction of the machine, WD-6



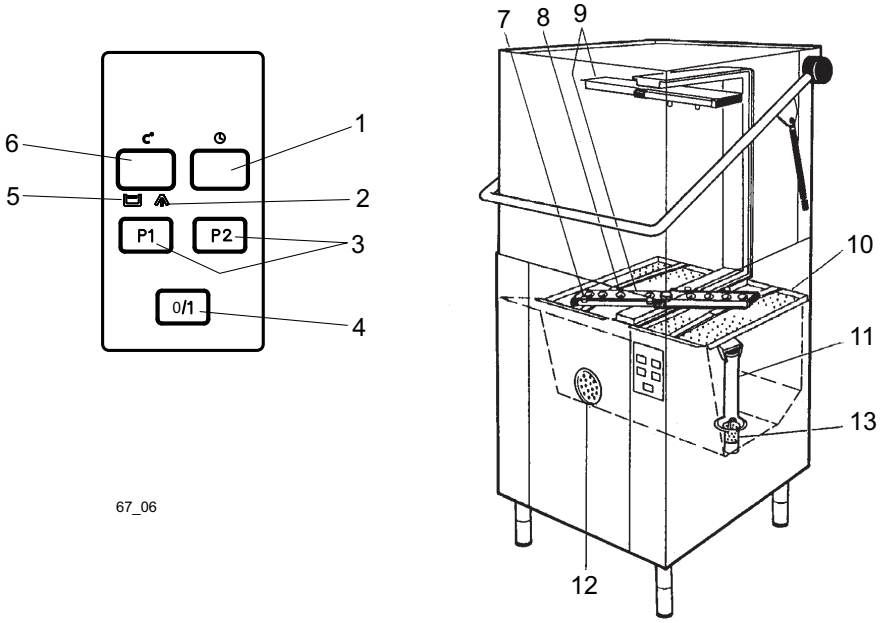
1. Knob. On / Off and start dishing
2. Symbol for automatic
3. Thermometer washtemperature
4. Thermometer rinsetemperature
5. Symbol for final rinse temperature
6. Symbol for tank temperature
7. Indicator light
8. Tank strainer
9. Level tube
10. Pump strainer
11. Rinse nozzle
12. Wash nozzle
13. Wash and rinse arm

5.1.2 The construction of the machine, WD-6E without drain pump



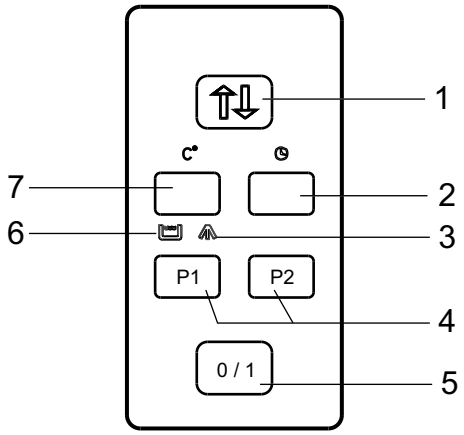
1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer

5.1.3 The construction of the machine, WD-6E with drain pump

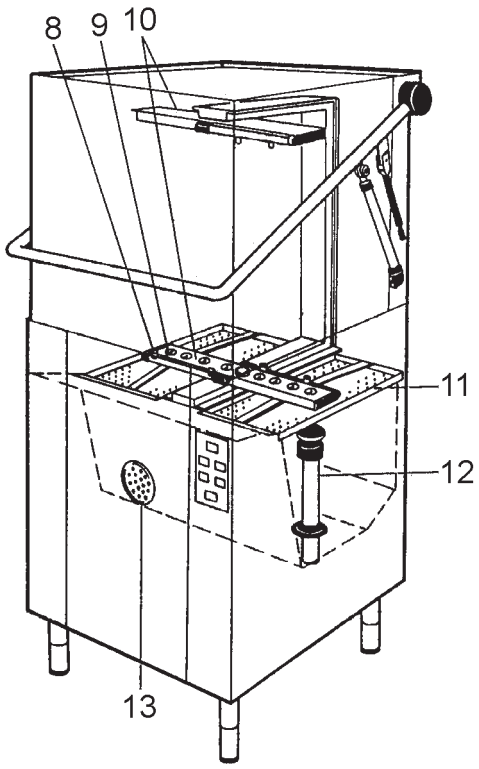


1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer
13. Outlet strainer

5.1.4 The construction of the machine, WD-6EA without drain pump

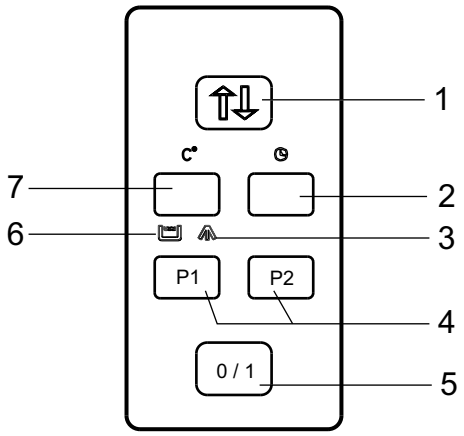


67_07

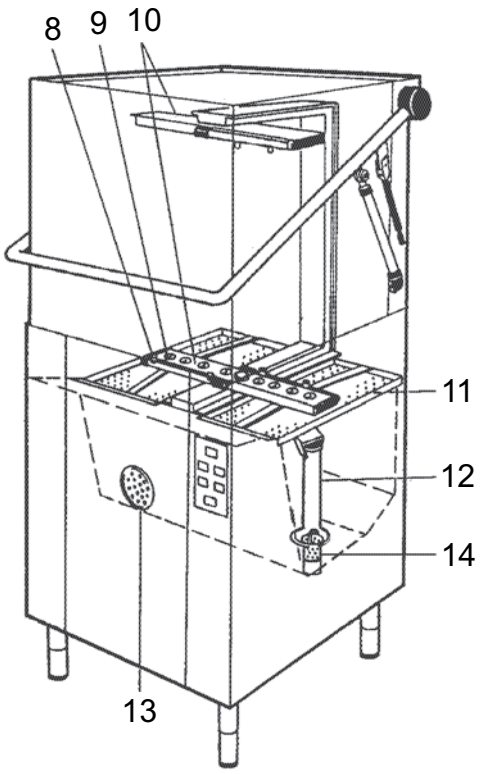


1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer

5.1.5 The construction of the machine, WD-6EA with drain pump

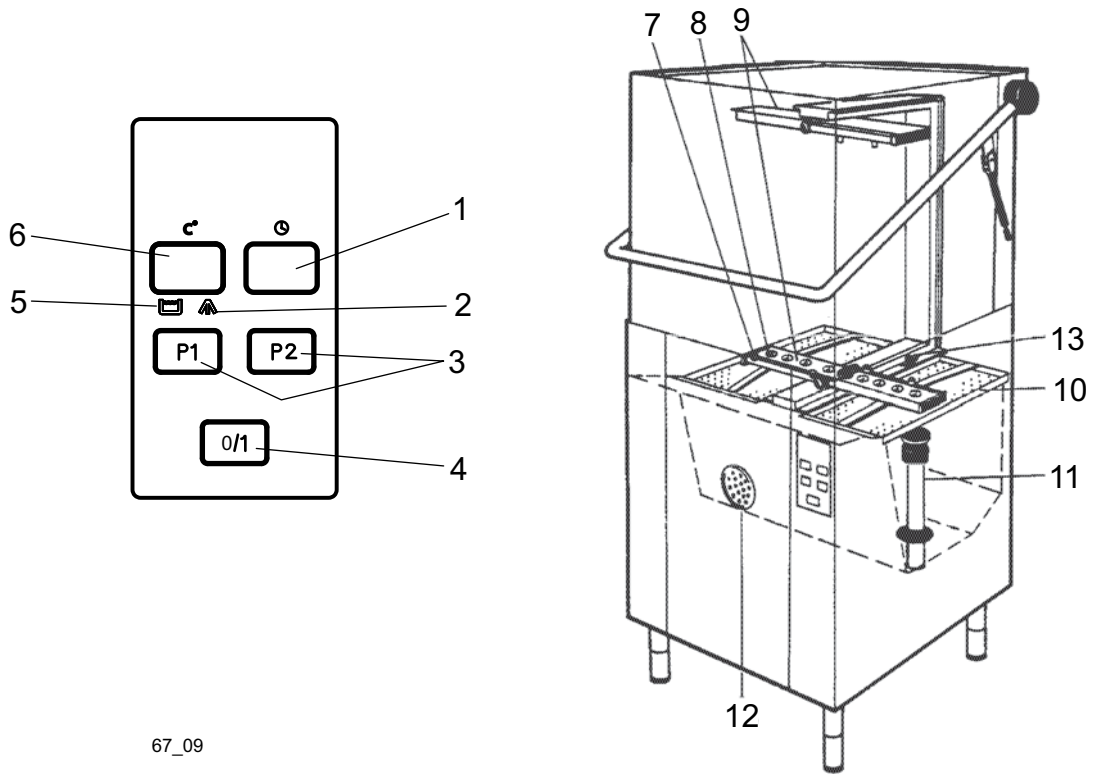


67_08



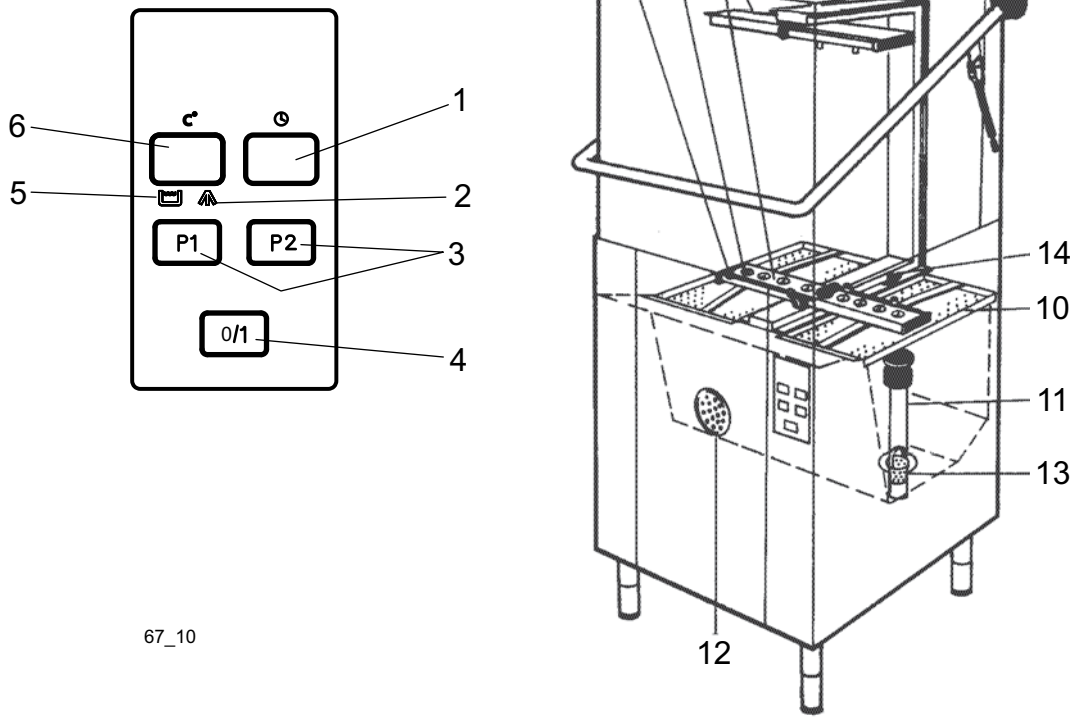
1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer
14. Outlet strainer

5.1.6 The construction of the machine, WD-7E without drain pump



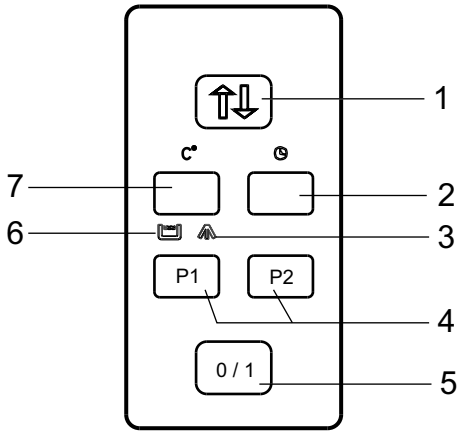
1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer
13. Lever, Normal-Heavily wash

5.1.7 The construction of the machine, WD-7E with drain pump

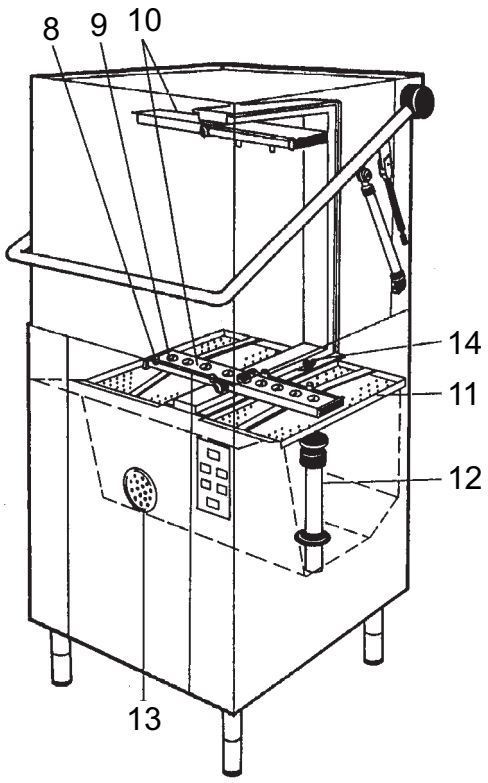


1. Programme indicator
2. Final rinse indicator (Flashes when the rinse temp. is low)
3. Programme choice
4. On / Off
5. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
6. Display temperature
7. Rinse nozzle
8. Wash nozzle
9. Wash and rinse arm
10. Tank strainers
11. Level tube
12. Pump strainer
13. Outlet strainer
14. Lever, Normal-Heavily wash

5.1.8 The construction of the machine, WD-7EH without drain pump

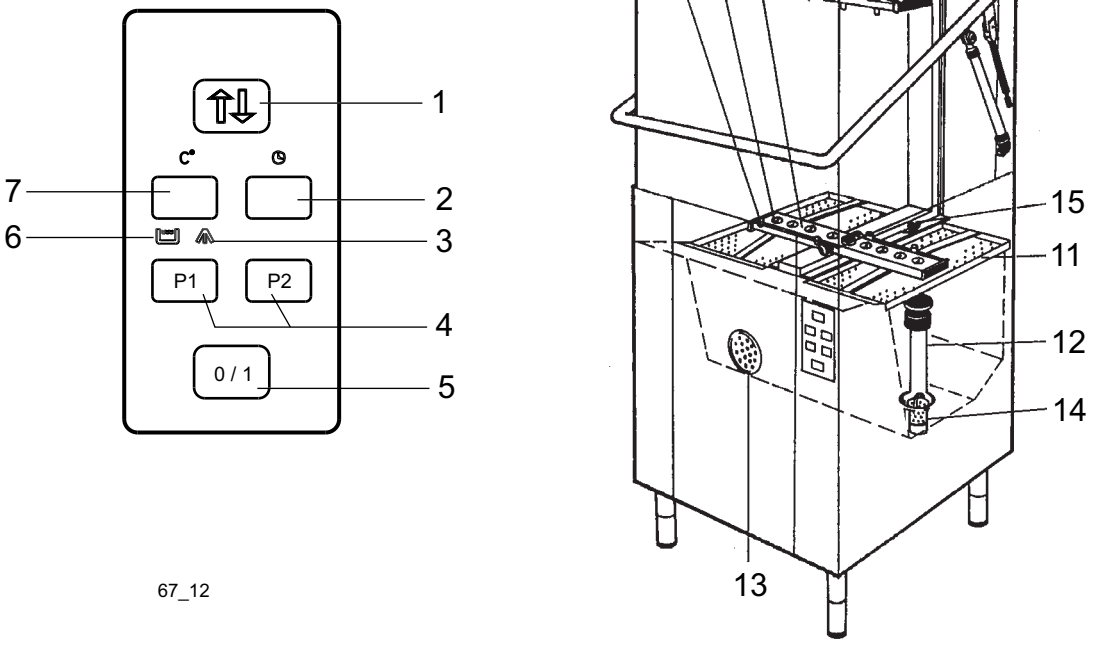


67_11



1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer
14. Lever, Normal-Heavily wash

5.1.9 The construction of the machine, WD-7EH with drain pump



1. Push button hood lift
2. Programme indicator
3. Final rinse indicator (Flashes when the rinse temp. is low)
4. Programme choice
5. On / Off
6. Tank temp. indicator (Flashes when the tank temp. drops below 50°C, or when water level is low)
7. Display temperature
8. Rinse nozzle
9. Wash nozzle
10. Wash and rinse arm
11. Tank strainers
12. Level tube
13. Pump strainer
14. Outlet strainer
15. Lever, Normal-Heavily wash

5.1.10 Preparations before filling fyllning, WD-6

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (11, 12).
- that the rubbel sleeve belonging to the level tube (9) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.11 Preparations before filling, WD-6E without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E without drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (7, 8).
- that the rubbel sleeve belonging to the level tube (11) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.12 Preparations before filling, WD-6E with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E with drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (7, 8).
- that the rubbel sleeve belonging to the level tube (11) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.13 Preparations before filling, WD-6EA without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA without drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (8,9).
- that the rubbel sleeve belonging to the level tube (12) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.14 Preparations before filling, WD-6EA with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA with drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (8, 9).
- that the rubbel sleeve belonging to the level tube (12) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.15 Preparations before filling, WD-7E without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7E without drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (7, 8).
- that the rubbel sleeve belonging to the level tube (11) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.16 Preparations before filling, WD-7E with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD7E with drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (7, 8).
- that the rubbel sleeve belonging to the level tube (11) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.17 Preparations before filling, WD-7EH without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7EH without drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (8,9).
- that the rubbel sleeve belonging to the level tube (12) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.18 Preparations before filling, WD-7EH with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7EH with drain pump".

Check:

- that the dishwasher and all the removable components are clean and that there is no dirt in the jets in the washing and rinsing arms (8, 9).
- that the rubbel sleeve belonging to the level tube (12) is undamaged.
- that the stopcock is open.
- the amount of detergent and drying agent.

Washing up liquid must not be used in the machine or for soaking dishes. Washing up liquid will create foam and produce poor results.

5.1.19 Filling the machine, WD-6

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6".

- Turn the knob (1) to position 1. Close the hood. The machine will now automatically fill with water. The green signal light (7) comes on once the correct water level has been reached.

- Once the machine is full, the water begins heating to washing temperature. Heating time is dependent on incoming water temperature. Before washing commences, check the thermometer (3) to ensure that the water temperature has reached 60°C.

5.1.20 Filling the machine, WD-6E and WD-7E with or without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E without drain pump", "Machine design, WD-6E with drain pump", "Machine design, WD-7E without drain pump" and "Machine design, WD-7E with drain pump",

- Switch on the power using the 0/1 button (4) on the panel. Close the hood. The display (6) shows the temperature of the rinsing water. The display (1) shows P0. P0 is pause mode, indicating that no wash programme has been selected.
- Heating and filling of the machine commences. Heating time is dependent on incoming water temperature.
- Once the machine is full, the symbol (5) lights up and the display (6) shows the temperature of the washing water. If the temperature of the washing water falls below 50°C or if the level in the tank is too low, the symbol (5) flashes.
- Washing will not commence until the correct temperature is reached. Normal operating temperature for the washing phase is 60°C, and for rinsing, 85°C. If the rinsing temperature is too low, the symbol (2) will flash and the machine will continue washing until the correct temperature is achieved. The rinsing temperature can be checked by pressing and holding the P1 button (3) for several seconds; the rinsing temperature will then be shown in the display (6).

5.1.21 Filling the machine, WD-6EA and WD-7EH with or without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA without drain pump", "Machine design, WD-6EA with drain pump", "Machine design, WD-7EH without drain pump" and "Machine design, WD-7EH with drain pump",

- Switch on the power using the 0/1 button (5) on the panel. Close the hood using the button (1). The display (7) shows the temperature of the rinsing water. The display (2) shows P0. P0 is pause mode, indicating that no wash programme has been selected.
- Heating and filling of the machine commences. Heating time is dependent on incoming water temperature.
- Once the machine is full, the symbol (6) lights up and the display (7) shows the temperature of the washing water. If the temperature of the washing water falls below 50°C or if the level in the tank is too low, the symbol (6) flashes.
- Washing will not commence until the correct temperature is reached. Normal operating temperature for the washing phase is 60°C, and for rinsing, 85°C. If the rinsing temperature is too low, the symbol (3) will flash and the machine will continue washing until the correct temperature is achieved. The rinsing temperature can be checked by pressing and holding the P1 button (4) for several seconds; the rinsing temperature will then be shown in the display (7).

5.2 Using the machine

5.2.1 Choise of wash programme, WD-6E, WD-6EA with or without drain pump

The display has two programme buttons P1 and P2, but the machine has three washprogrammes. Programme P3 is selected by pressing P1 and P2 simultaneously.

- P1 = Lightly soiled dishware (such as trays and glasses)
- P2 = Normally soiled dishware
- P3 = Heavily soiled dishware

P0 = Paus mode. Uses for longer breaks between washing cycles. The hood must be closed. To change to P0, push at that programme button which is shown on the display.

5.2.2 Choise of wash programme, WD-7E, WD-7EH with or without drain pump

The machine has two positions for dishware, N = Normally soiled dish or G =Heavily soiled dish. Put the lever in the correct position for the dishware.

The display has two programme buttons P1 and P2, but the machine has three washprogrammes. Programme P3 is selected by pressing P1 and P2 simultaneously.

- P1 = Lightly soiled dishware (such as trays and glasses)
- P2 = Normally soiled dishware
- P3 = Heavily soiled dishware

P0 = Paus mode. Uses for longer breaks between washing cycles. The hood must be closed. To change to P0, push at the programme button which is shown on the display.

5.2.3 Washing WD-6

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6".

The dishware must not be soaked or pre-washed in washing up liquid.

- Remove large pieces of food by rinsing the dishes with a hand shower. The water in the shower must have a maximum temperature of 40°C. Put the dishware to be washed in the basket.
- Open the hood and slide the basket into the machine. When the knob (1) is in position 1, it´s possible to open and close the hood without that the washing begins.
- Turn the knob (1) to position AUT (2). Washing begins as soon as the hood is closed.
- Dont´t open the hood before the programme is finished. If the hood is opened during the programme it will be hold up, but it will restart as soon as the hood is closed again.

5.2.4 Washing WD-6E with or without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E without drain pump" and "Machine design, WD-6E with drain pump"

The dishware must not be soaked or pre-washed in washing up liquid.

- Remove large pieces of food by rinsing the dishes with a hand shower. The water in the shower must have a maximum temperature of 40°C. Put the dishware to be washed in the basket.
- Open the hood and slide the basket into the machine, close the hood. Choose programme P1, P2 or P3. The machine will start direct and remaining washtime is shown on the display (1).
- If the tank temperature drops below 50°C, or if the water level is to low the symbol (5) flashes.
- Dont´t open the hood before the programme is finished. If the hood is opened during the programme it will be hold upand the symbol (2) flashes. The machine will starts from the beginning when the hood is closed again.
- If the hood is opened during the final rinse it will be hold up and the symbol (2) flashes. The machine restarts the final rinse from beginning when the hood is closed.
- When the programme is ready, open the hood and take out the basket.
- Choose P0 and close the hood if not a new basket has to be washed.

P0 = Paus mode. Uses for longer breaks between washing cycles. The hood must be closed. To change to P0, push at the programme button which is shown on the display.

5.2.5 Washing WD-6EA with or without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA without drain pump" and "Machine design, WD-6EA with drain pump"

The dishware must not be soaked or pre-washed in washing up liquid.

- Remove large pieces of food by rinsing the dishes with a hand shower. The water in the shower must have a maximum temperature of 40°C. Put the dishware to be washed in the basket.
- Open the hood with button (1) and slide the basket into the machine, close the hood with button (1). Choose programme P1, P2 or P3 with one of the buttons (4). The machine will start direct and remaining washtime is shown on the display (2).
- If the tank temperature drops below 50°C, or if the water level is to low the symbol (6) flashes.
- Dont´t open the hood before the programme is finished. If the hood is opened during the programme it will be hold upand the symbol (3) flashes. The machine will starts from the beginning when the hood is closed again.
- If the hood is opened during the final rinse it will be hold up and the symbol (3) flashes. The machine restarts the final rinse from beginning when the hood is closed.
- When the programme is ready, open the hood awith button (1) nd take out the basket.
- Choose P0 and close the hood with button (1) if not a new basket has to be washed.

P0 = Paus mode. Uses for longer breaks between washing cycles. The hood must be closed. To change to P0, push at the programme button which is shown on the display.

5.2.6 Washing WD-7E with or without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7E without drain pump" and "Machine design, WD-7E with drain pump"

The dishware must not be soaked or pre-washed in washing up liquid.

- Remove large pieces of food by rinsing the dishes with a hand shower. The water in the shower must have a maximum temperature of 40°C. Put the dishware to be washed in the basket.
- Open the hood and set the lever (14) to N=Normal washing or G=Pot washing. Slide the basket into the machine, close the hood. Choose programme P1, P2 or P3. The machine will start direct and remaining washtime is shown on the display (1).
- If the tank temperature drops below 50°C, or if the water level is to low the symbol (5) flashes.
- Dont´t open the hood before the programme is finished. If the hood is opened during the programme it will be hold upand the symbol (2) flashes. The machine will starts from the beginning when the hood is closed again.
- If the hood is opened during the final rinse it will be hold up and the symbol (2) flashes. The machine restarts the final rinse from beginning when the hood is closed.
- When the programme is ready, open the hood and take out the basket.
- Choose P0 and close the hood if not a new basket has to be washed.

P0 = Paus mode. Uses for longer breaks between washing cycles. The hood must be closed. To change to P0, push at the programme button which is shown on the display.

5.2.7 Washing WD-7EH with or without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7EH without drain pump" and "Machine design, WD-7EH with drain pump"

The dishware must not be soaked or pre-washed in washing up liquid.

- Remove large pieces of food by rinsing the dishes with a hand shower. The water in the shower must have a maximum temperature of 40°C. Put the dishware to be washed in the basket.
- Open the hood and set the lever (14) to N=Normal washing or G=Pot washing. Slide the basket into the machine, close the hood. Choose programme P1, P2 or P3 with one of the buttons (4). The machine will start direct and remaining washtime is shown on the display (2).
- If the tank temperature drops below 50°C, or if the water level is to low the symbol (6) flashes.
- Dont´t open the hood before the programme is finished. If the hood is opened during the programme it will be hold upand the symbol (3) flashes. The machine will starts from the beginning when the hood is closed again.
- If the hood is opened during the final rinse it will be hold up and the symbol (3) flashes. The machine restarts the final rinse from beginning when the hood is closed.
- When the programme is ready, open the hood with button (1) and take out the basket.
- Choose P0 and close the hood with button (1) if not a new basket has to be washed.

P0 = Paus mode. Uses for longer breaks between washing cycles. The hood must be closed. To change to P0, push at the programme button which is shown on the display.

5.2.8 Change water

For the best washing results, it is important to change water often. When the dishes are normally dirty, the dish water should be replaced after about 50 washes. Always change the water if there are problems with foam in chemical tank.

- Switch off the machine and drain the tanks. (Emptying is descripet in chapter “Emptying. internal cleaning”).
- Put loose components back in their places and restart the machine.

5.3 After use - Cleaning

HACCP is a preventive inspection system which ensures that hygiene requirements are met during the washing process and the cleaning of the machine. The machine is designed to meet strict hygiene requirements. From a hygiene point of view, regular and thorough cleaning is also important. A well-cleaned machine will produce good results and reduce the risk of dirt accumulating inside the machine.

5.3.1 Emptying, internal machine machine rinse. WD-6

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6".

- Set the knob (1) to position 0. Remove the tank strainers (8) from the machine. Emptying the water out of machine during take away the level tube (9).
- Close the hood and set the knob (1) to position 1 and the internal rinse starts.
- After approx 25 sec. set the knob (1) to position 0. Open the hood and make sure there is no dirt in wash and rinse nozzles (11, 12) är rena. Check that there is no items left in the machine.
- Clean the tank strainers (8) and the level tube (9).
- Put the clean components on the basket conveyor. Make sure that the level tubes (9) rubber sleeve do not distort, by allowing it to hang free.
- Leave the hood open until next washing.

5.3.2 Emptying, internal machine machine rinse. WD-6E without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E without drain pump".

When the machine turns off the display first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes. During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

- Press button 0/1 (4). Take the tank strainers (10) out of the machine. Emptying the machine by taking out the level tube (11).
- Close the hood. Push at button P2 (3). EP shows at the display (1) and the internal rinsing will start. The hood may be opened after approx. 30 sec.
- Open the hood and check that the wash and rinse nozzles (7, 8) are clean and that there is not any items left in the machine.
- Clean the strainers (10) and the level tube (11). Put the clean components on a basket. Make sure that the level tubes (11) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.3 Emptying, internal machine machine rinse. WD-6E with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6E with drain pump".

When the machine turns off the display first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes.During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

- Press button 0/1 (4). Take the tank strainers (10) out of the machine. Emptying the machine by taking out the level tube (11).
- Close the hood. Push at button P1 (3). EP shows at the display (1) and the drain pump will start. The pump will stop automatically after adjustment time.
- When the machine is empty, close the hood and push at button P2 (3). EP shows on the display (1) and the internal rinsing will start. After about approx. 30 sec. the rinsing is done and the drain pump will start automatically to emtying the machine.
- Open the hood and check that the wash and rinse nozzles (7, 8) are clean and that there is not any items left in the machine.
- Take out and clean the outlet strainer (13). Clean the strainers (10) and the level tube (11). Put the clean components on a basket. Make sure that the level tubes (11) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.4 Emptying, internal machine machine rinse. WD-6EA without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA without drain pump".

When the machine turns off the display (2) first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes.During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

- Open the hood by pressing at button (1). Turn off the machine by pressing at button 0/1 (5). Take the tank strainers (11) out of the machine. Emptying the machine by taking out the level tube (12).
- Close the hood by pressing button (1). Push at button P2 (4). EP shows at the display (2) and the internal rinsing will start. The hood may be opened after approx. 30 sec.
- Open the hood with button (1) and check that the wash and rinse nozzles (8, 9) are clean and that there is not any items left in the machine.
- Clean the strainers (11) and the level tube (12). Put the clean components on a basket. Make sure that the level tubes (12) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.5 Emptying, internal machine machine rinse. WD-6EA with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-6EA with drain pump".

When the machine turns off the display first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes.During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

- Press button 0/1 (5). Take the tank strainers (11) out of the machine. Emptying the machine by taking out the level tube (12).
- Close the hood by pressing at button (1). Push at button P1 (4). EP shows at the display (2) and the drain pump will start. The pump will stop automatically after adjustment time.
- When the machine is empty, close the hood and push at button P2 (4). EP shows on the display (2) and the internal rinsing will start. After about approx. 30 sec. the rinsing is done and the drain pump will start automatically to emtying the machine.
- Ater amptying, open the hood with button (1) and check that the wash and rinse nozzles (8, 9) are clean and that there is not any items left in the machine.
- Take out and clean the outlet strainer (14). Clean the strainers (11) and the level tube (12). Put the clean components on a basket. Make sure that the level tubes (12) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.6 Emptying, internal machine machine rinse. WD-7E without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7E without drain pump".

When the machine turns off the display(1) first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes. During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

- Press button 0/1 (4). Take the tank strainers (10) out of the machine. Emptying the machine by taking out the level tube (11).
- Close the hood. Push at button P2 (3). EP shows at the display (1) and the internal rinsing will start. The hood may be opened after approx. 30 sec.
- Open the hood and check that the wash and rinse nozzles (7, 8) are clean and that there is not any items left in the machine.
- Clean the strainers (10) and the level tube (11). Put the clean components on a basket. Make sure that the level tubes (11) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.7 Emptying, internal machine machine rinse. WD-7E with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7E with drain pump".

When the machine turns off the display (1) first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes. During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

- Press button 0/1 (4). Take the tank strainers (10) out of the machine. Emptying the machine by taking out the level tube (11).
- Close the hood. Push at button P1 (3). EP shows at the display (1) and the drain pump will start. The pump will stop automatically after adjustment time.
- When the machine is empty, close the hood and push at button P2 (3). EP shows on the display (1) and the internal rinsing will start. After about approx. 30 sec. the rinsing is done and the drain pump will start automatically to emtying the machine.
- Open the hood and check that the wash and rinse nozzles (7, 8) are clean and that there is not any items left in the machine.
- Take out and clean the outlet strainer (13). Clean the strainers (10) and the level tube (11). Put the clean components on a basket. Make sure that the level tubes (11) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.8 Emptying, internal machine machine rinse. WD-7EH without drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7EH without drain pump".

When the machine turns off the display (2) first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes.During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

- Open the hood by pressing at button (1). Turn off the machine by pressing at button 0/1 (5). Take the tank strainers (11) out of the machine. Emptying the machine by taking out the level tube (12).
- Close the hood by pressing button (1). Push at button P2 (4). EP shows at the display (2) and the internal rinsing will start. The hood may be opened after approx. 30 sec.
- Open the hood with button (1) and check that the wash and rinse nozzles (8, 9) are clean and that there is not any items left in the machine.
- Clean the strainers (11) and the level tube (12). Put the clean components on a basket. Make sure that the level tubes (12) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.9 Emptying, internal machine machine rinse. WD-7EH with drain pump

Numbers in brackets refer to pictures in the chapter "Machine design, WD-7EH with drain pump".

When the machine turns off the display first shows the number of washed baskets for approx. 5 sec.

After this two horizontal dashes "--" are displayed for 5 minutes.During this period the machine is still connected to the power supply. The machine must be drained and cleaned inside during this period. After this the machine switches off automatically.

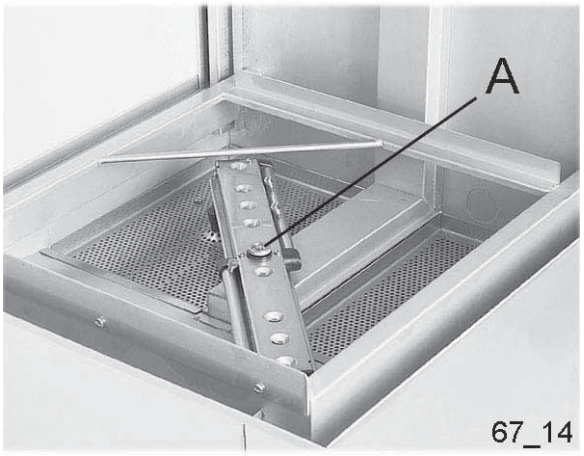
- Press button 0/1 (5). Take the tank strainers (11) out of the machine. Emptying the machine by taking out the level tube (12).
- Close the hood by pressing at button (1). Push at button P1 (4). EP shows at the display (2) and the drain pump will start. The pump will stop automatically after adjustment time.
- When the machine is empty, close the hood and push at button P2 (4). EP shows on the display (2) and the internal rinsing will start. After about approx. 30 sec. the rinsing is done and the drain pump will start automatically to emtying the machine.
- Ater emptying, open the hood with button (1) and check that the wash and rinse nozzles (8, 9) are clean and that there is not any items left in the machine.
- Take out and clean the outlet strainer (14). Clean the strainers (11) and the level tube (12). Put the clean components on a basket. Make sure that the level tubes (12) rubber sleeve do not distort, by allowing it to hang freely.
- Leave the hood open until next washing.

5.3.10 Weekly cleaning

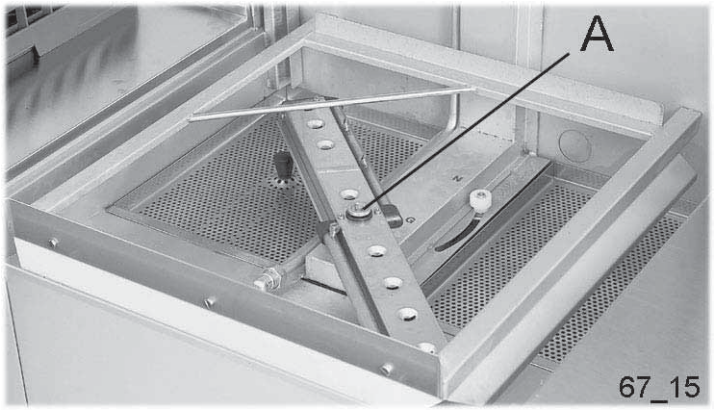
Weekly cleaning must be more thorough than daily cleaning.

In addition to the daily cleaning tasks, the following tasks must be carried out each week:

- Take out the washing arm. Undo the locknut (A) in the centre of the washing arm and pull out the washing arm. Check the jets and clean them if required. Rinse the washing arm and refit it.
- Dry the inside of the machine using a cotton cloth.



WD-6, WD-6E, WD-6EA A = Locknut



WD-7E, WD-7EH A = Locknut

5.3.11 Cleaning the outside of the machine

Wipe the outside of the machine with a soft, damp cloth.

If detergent is used, it must not contain abrasive substances. Detergents containing abrasive substances will damage the stainless steel panels.

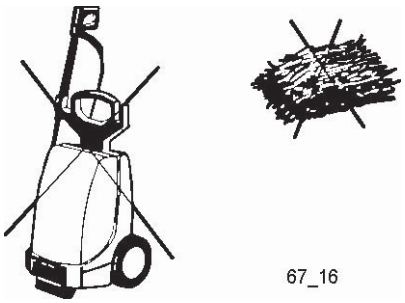
The outside of the machine must not be hosed down. Water could get in to the machine and damage the control panel and electrical equipment.

5.3.12 Incorrect cleaning methods

NOTE: Using the wrong cleaning methods can result in damage to the machine. Please note the following points:

- Do NOT use steel wool as it will cause rust to form on the machine.

- Pressure washers can damage the machine and must NOT be used for cleaning. Never use a pressure washer to clean the floor within an area of 1 metre from the machine without a special protective case to prevent water splashing. If a pressure washer is used to clean the machine, the supplier will not be liable for any faults which occur and the warranty will be invalidated.



There is a risk of splashing even if the floor is only hosed down with a normal hose.

5.3.13 Malfunctions

Error messages (WD-6E, WD-6EA, WD-7E, WD-7EH)

CODE	CAUSE	ACTION
Err1	Tank filling has been on 4 minutes and tank is not full.	The alarm can be resetted by pushing twice at 0/1 button.
Err4	Sensor T41 defective.	Call the service.
Err5	Sensor T21 defective.	Call the service.
Err6	Too low water flow when rinsing.	The alarm can be resetted by opening and closing the hood.
Err7	Memory fault.	Call the service.

Troubleshooting

The following faults can be dealt with by the operator. If the problems remains, call the service.

PROBLEM	CAUSE	ACTION
The machine does not start.	The circuit breaker is switched off.	Switch on the circuit breaker.
The machine does not fill with water.	The stopcock is closed.	Open the stopcock.
	Automatsäkring har löst ut.	Återställ automatsäkringen.
	The hood is open.	Close the hood.
	The level tube is not in place.	Fit the level tube.
	The level tubes rubber sleeve does not form seal with button plate.	Check that the level tube is closed. Change damaged rubber sleeve.
	The jets in the rinsing pipe are blocked.	Clean the rinsing jets.
The machine fills slowly.	Dirt in the rinsing pipe´s jets.	Clean the rinsing jets.
The filling process does not stop.	The level tube is not in place.	Fit the level tube.
	The level tubes rubber sleeve does not form seal with button plate.	Check that the level tube is closed. Change damaged rubber sleeve.

PROBLEM	CAUSE	ACTION
Machine will not start washing.	The hood is open.	Close the hood.
Noise from wash pump.	Low water level. Foam in tank.	Check level. Change water.
The machine stops during the washing phase and starts to take in water.	The rubber sleeve on the overflow pipe is not sealed against the base plate.	Rectify the problem with the overflow pipe. Check that the rubber sleeve is not damaged.
The machine does not clean the dishware properly.	The rinsing and washing jets are clogged with dirt.	Check and clean the jets.
	Too little detergent.	Check the quantity of detergent. The hose must be submerged in the liquid and the filter in the hose must be clean.
	The water in the washing tank is too dirty.	Change the water.
	Build up of foam in the washing tank.	Check that the washing temperature is not too low and that the correct type of detergent is being used.
	The washing programme is too short (WD-6E, WD-6EA, WD-7E, WD-7EH).	Choose a programme with a longer washing time.
	Dirt has dried on items.	Soak items before washing.
	The dishware is wrongly positioned in the basket.	Use the right type of washing basket and accessories to ensure that the dishware is correctly positioned.
Dishes upset in the baskets.	Items incorrectly positioned in baskets.	Repositions items.
	Light items need washing.	Use a ned grid to hold utensils.
The dishware does not dry.	Rinse nozzles clogged.	Check and clean nozzles.
	The dishware has been left in the machine.	Remove the dishware when the rinsing phase is finished.
	Too little drying agent.	Check the quantity of drying agent. The hose must be submerged in the liquid and the filter in the hose must be clean.

If you need to contact service personnel, be prepared to provide the following information about the machine:

- machine type and model
- machine number and date on which the machine was installed
- a short description of the fault/problem
- what happened/was being done directly before the fault occurred

6. Adjustment instructions

This symbol is used to indicate electrical equipment. The electrical cabinet must only be opened by an authorised electrician.

6.1 Setting final rinse flow (WD-6)

Check the flow to the machine when the tank is filling with water at start-up. When the machine is filling for the first time, the booster heater must be filled first, before filling of the tank commences. The flow must therefore be checked at the second filling when the tank is filled directly.

When a water flow of 18 l/min. the machine fills in approx. 2,7 min. and then the water consume in final rinse is 4 l/basket. Adjust the ball valve if needed.

6.2 Setting final rinse flow (WD-6E with or without drain pump)

Check the flow to the machine when the tank is filling with hot water at start-up. When the machine is filling for the first time, the booster heater must be filled first, before filling of the tank commences. The flow must therefore be checked at the second filling when the tank is filled directly.

When a water flow of 18 l/min. the machine fills in approx. 2,7 min. and then the water consume in final rinse is 4 l/basket. Adjust the ball valve if needed.

If the machine is coldwater connected, the flow can´t be checked in this way, because the tank dont filling continuity.

The flow also can be checked by pressing the 0/1 button if there is voltage in the machine. The flow shows on the display in l/min. This method is usable for both hot and coldwater connected machines.

6.3 Setting final rinse flow (WD-7E with or without drain pump)

Check the flow to the machine when the tank is filling with hot water at start-up. When the machine is filling for the first time, the booster heater must be filled first, before filling of the tank commences. The flow must therefore be checked at the second filling when the tank is filled directly.

When a water flow of 18 l/min. the machine fills in approx. 2,7 min. and then the water consume in final rinse is 4 l/basket. Adjust the ball valve if needed.

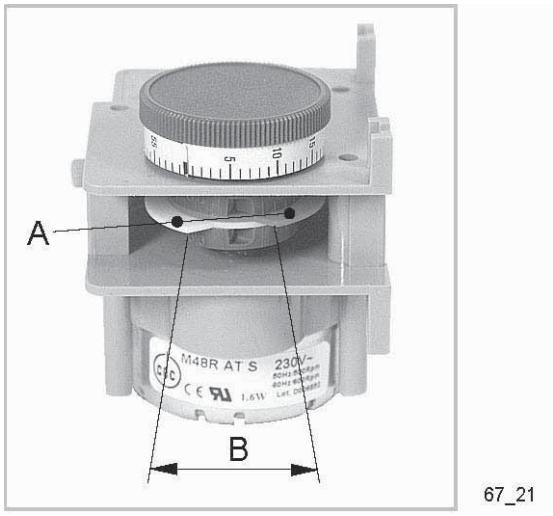
If the machine is coldwater connected, the flow can´t be checked in this way, because the tank dont filling continuity.

The flow also can be checked by pressing the 0/1 button if there is voltage in the machine. The flow shows on the display in l/min. This method is usable for both hot and coldwater connected machines.

6.4 Setting the detergent dispenser (WD-6)

The detergent dispenser is set in the factory with a cam opening of 15 mm. This gives a rough setting of the detergent dosage. Sharp tuning should be done as soon as possible after the installation, by a representative of the detergent supplier.

The detergent dosage is easily adjusted on cam 4 by increasing or decreasing the opening between the cam plates. A wider opening gives an increase of the detergent amount in the tank.



Programme mechanism for detergent dispenser. A=Cam plates, B=Came opening

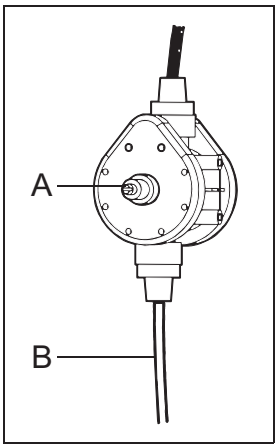
6.5 Setting the detergent dispenser (WD-6E, 6EA, 7E, 7EH with or without drain pump)

The detergent dosage is set at the factory. Dosage time is 2.0 seconds. Dosage time can be changed on the printed circuit card in the electrical cabinet. Instructions describing how to change the dosage time reference value can be found on the inside of the front plate, and in the chapter entitled "Adjusting reference values" in the ADJUSTMENT INSTRUCTIONS.

6.6 Installing the drying agent injector

- Put the suction hose (B) in the drying agnet container.
- Check that the adjustment screw (A) on the injector is fully unscrewed.

- Pump the drying agent into the injector by pressing the adjustment screw several times. Then pump another 10 to 15 times.
- Lift the suction hose out of the drying agent container and pump a little air into the hose using the adjustment screw. Lower the hose into the container.
- When the dose of drying agent is added, the air bubble in the hose should move by around 10 cm.
- Adjust the dose by turning the adjustment screw. The amount of drying agent can be adjusted between 0 and 4 cm^3, which corresponds to between 0 and 30 cm in the suction hose. Reduce and amount by turning the adjustment screw clockwise and increase it by turning the screw anticlockwise.



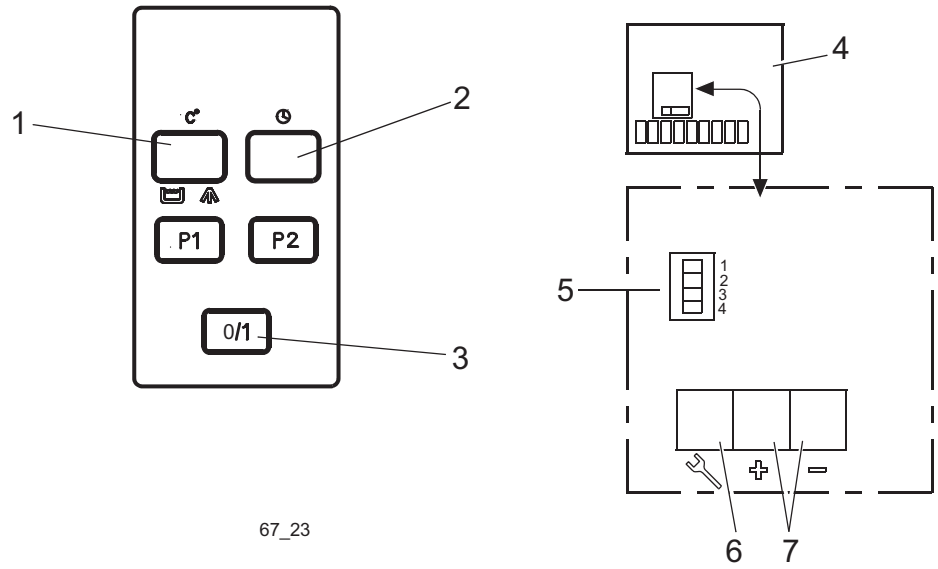
Drying agent injector. A=Adjustment screw B=Suction hose

6.7 Diagnostic function (WD-6E, 6EA, 7E and 7EH with or without drain pump)

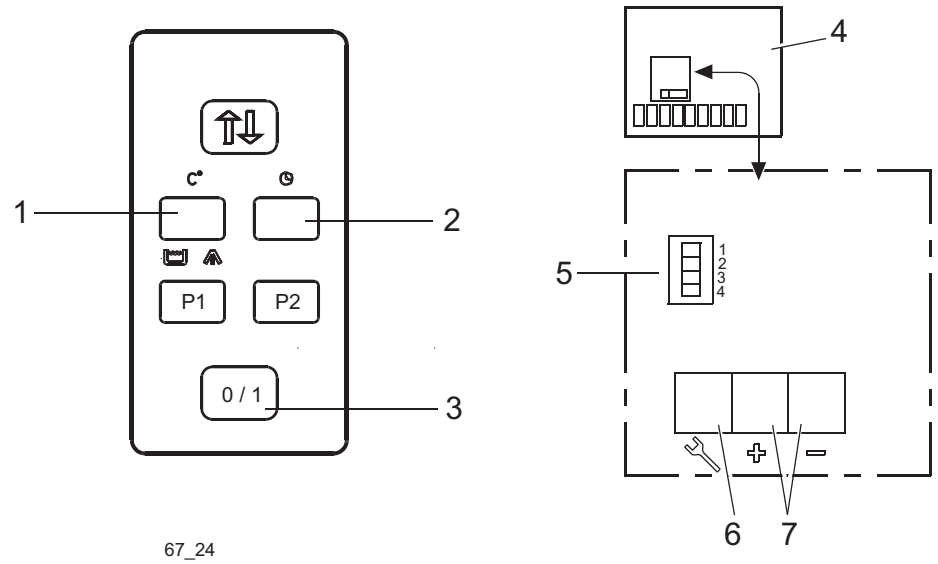
The diagnostic function allows the settings to be checked and adjusted, and information about the different functions to be displayed.

All the settings, functions and tests are divided into four tables: SETTINGS, DIAGNOSTICS, CHECKING BOOSTER HEATER and BASKET COUNT.

The settings are adjusted on the circuit board (4) in the electrical cabinet. Row numbers and values are shows on the display (1, 2).



Panel and circuit board when using the diagnostic function. (WD-6E and WD-7E)



Panel and circuit board when using the diagnostic function. (WD-6EA and WD-7EH)

1. Display showing the line number for each setting.
2. Display showing the settings etc.
3. Power on/off
4. Circuit board
5. DIP change-over switches
6. Push-button for activating the diagnostic function.
7. Push-buttons for adjusting the settings.

6.7.1 Switching function

On the circuit board there are 4 DIP change-over switches (5). The switches should be in the following positions:

DIP change-over switch 1 in position OFF = Cold water connected machine

DIP change-over switch 2 in position ON = Machine with automatic hood-lifting device (WD-6EA and WD-7EH)

DIP change-over switch 2 in position OFF = Machine without automatic hood-lifting device

DIP change-over switch 3 in position ON = Hood with holding position (WD-6EA and WD-7EH) (Once the rinse moment is complete, the hood is opened to a so-called holding position. It remains in this position for approx. 6 sec. before opening completely.

DIP change-over switch 3 in position OFF= Hood without holding position

DIP change-over switch 4 = Vacant

6.7.2 Adjusting the settings

All the settings are at the recommended values when the machine is supplied. Changes can be made to the machine's settings at any time, BUT ONLY BY SERVICE PERSONNEL.

- Remove the machine's front panel.
- The settings are adjusted on the circuit board (4) in the electrical cabinet.
- Press and hold the button (6) until the display (1) shows the text line number 01. A value appears on the display (2). The value shown on the display (2) is either a value that cannot be changed, for example, the current temperature of the chemical washing tank, or an adjustable setting.
- Use the button (6) to scroll forward through the lines of text 01, 02, 03 etc. in the table.
- The settings can be adjusted up or down using the + and – buttons (7).
- To save a new setting, move to the next text line using the button (6).
- The line numbers and the settings are shown in the table below.
- After checking and adjusting the settings, press and hold the button (6) until both displays show the normal temperature and programme information..

SETTINGS			
LINE NO	FUNCTION	REF. VALUE (adjustable)	REMARKS
01	Actual value, booster heater	--	
02	Actual value, tank	--	
03	Ref. value tank	60°C	
04	Ref. value booster heater, programm P1	85°C	Norway 92°C
05	Ref. value booster heater, programm P2	85°C	Norway 92°C
06	Ref. value booster heater, programm P3	85°C	Norway 92°C
07	Wash time programme 1	1,0 min.	
08	Wash time programme 2	1,5 min.	
09	Wash time programme 3	3,0 min.	

SETTINGS			
LINE NO	FUNCTION	REF. VALUE (adjustable)	REMARKS
10	Rinse time programme 1	13 sec.	Norway 16 sec.*
11	Rinse time programme 2	13 sec.	Norway 16 sec.*
12	Rinse time programme 3	13 sec.	Norway 16 sec.*
13	Dosage time detergent	2,0 sec.	
14	Delayed running time booster pump	10 sec.	
15	Delayed time off P1	1,5 sec.	Marin model

* Increased rinse time gives an equivalent increase in the total wash time.

6.7.3 Diagnos

The diagnostics table shows the signal status for different functions. Display (1) shows line no 20-26, the display (2) shows a zero or a one.

- Press and hold the button (6) until the display (1) shows the text line number 01.
- Press the + button (7). The display now shows text line number 20 in the diagnostics table.
- Scroll forward with the button (6) through the lines of text.
- After checking and adjusting the settings, press and hold the button (6) until both displays show the normal temperature and programme information.

DIAGNOS			
LINE NO	FUNCTION	DISPLAY (2)	REMARKS
20	Hood breaker B1	0 or 1	0 = Off, 1 = On
21	Level guard SP1	0 or 1	0 = Off, 1 = On
22	Extra input B2	0 or 1	0 = Off, 1 = On
23	DIP change-over switch D1	0 or 1	0 = Off, 1 = On
24	DIP-omkopplare 2	0 or 1	0 = Off, 1 = On
25	DIP-omkopplare 3	0 or 1	0 = Off, 1 = On
26	DIP-omkopplare 4	0 or 1	0 = Off, 1 = On

6.7.4 Checking booster heater

To avoid overheating of the element in the booster heater if the heaters has been emptied, the filling memory must be set to zero. When zeroing the tank shall be empty.

- Press and hold the button (6) until the display (1) shows the text line number 01.
- Press the + button (7). The display now shows text line number 20 in the diagnostics table. Press at button + again for going to line number 30. Display (2) shows 1, which indicates that the empty booster heater still is filled.
- Press at - (7) until the value changes to 0.

- After reset to zero, press at button (6) until normally temperature and programme are shown at both displays.

CHECK BOOSTER HEATER			
LINE NO	FUNCTION	DISPLAY (2)	REMARKS
30	Filled booster heater	0 or 1	0 = Unactivated, 1 = Activated
31	Machine with old panel	0 or 1	0 = Unactivated, 1 = Activated
32	Machine WD-7E, WD-7EH	0 or 1	0 = Unactivated, 1 = Activated

In case of emptying the booster heater, set the filling memory to zero (text no. 30 in the diagnostic text=0) or loosen the plug T41 on the printed circuit card.

6.7.5 Basket count

- Press and hold the button (6) until the display (1) shows the text line number 01.
- Press the + button (7) to move to line 20 in the diagnostics table. Press the + button again to move to line 30 in the table for checking booster heater.
- When the + button is pressed again, both displays (1) and (2) together show the number of baskets washed up to 9999. The number of baskets is read from the top.
- Press the button (6) again to show the number of baskets in tens of thousands.
- After the check has been completed, press and hold the button (6) until both displays show the normal temperature and programme information.

7. Service

Read the chapter SAFETY INSTRUCTIONS carefully before starting work.

7.1 Repars and maintenance

Disconnect the power using the circuit breaker before working on the machine.

The electrical cabinet must only be opened by an authorised electrician.

Close the stopcock before servicing the machine.

Allow the machine to cool down before starting work. The water pipes, pumps, booster heater and valves become very hot when the machine is in operation.

Wear protective gloves and safety spectacles when working with detergent equipment. There may still be detergent in pipes, containers and other equipment.

7.1.1 Damage to the machine

Only authorised personnel can fit equipment and make the necessary adjustments.

To ensure that the machine operates safely and reliably, maintenance must be carried out regularly and carefully according to a schedule.

Static electricity can cause damage to sensitive equipment. Always use an earthed wrist band when handling the circuit board and EPROM.

7.1.2 Checks and maintenance

The machine must be serviced once a year in accordance with the following plan:

CONNECTIONS	
ITEM	CHECK/ACTION
Water connection	Check that the connections and couplings do not leak.
Waste water system	Check for leaks.
Electricity connection	Tighten all the connections on the main circuits.

ELECTRICAL EQUIPMENT	
ITEM	CHECK/ACTION
Element	Measure the amperage of every element. Check that the O-rings do not leak.
Relay switches	Check the function and check for wear. Tighten the connections.
Solenoid	Check the function and check for leaks.
Relays	Check the function. Follow the instructions in the chapter ADJUSTMENT INSTRUCTIONS (Relay test).
Pressure regulators	Check the hose connections.
Electronic components	Check the function of all the sensors. Follow the instructions in the chapter ADJUSTMENT INSTRUCTIONS (Diagnostics).
Control equipment	Check that all the settings are correct.

PUMPS	
ITEM	CHECK/ACTION
Pumps	Measure the amperage of every pump. Check for leaks and the function of the cooling fans. Check the motor bearings. Clean the fan casing. The rubber pressure and suction hoses must be changed every five years. Check the function of the pumps.

HOOD	
ITEM	CHECK/ACTION
Hood	Check that there is no clearance and that the hood opens and closes easily. Check for leaks.
Hood switch	The machine must stop if the hood is opened during the washing and rinsing phase.
Gas springs	Check the function. The hood must open easily to its full height (machines without a hood lift).
Lifting cylinders	Check that the cylinders do not leak (machines with a hood lift).

WASHING AND RINSING SYSTEM	
ITEM	CHECK/ACTION
Jets	Check that there is no dirt in the jets and that they are adjusted correctly.
Washing arms	Check: that there is no dirt in the jets, that no cracks have formed, that the washing arms can be removed and replaced easily.
Lever for selecting normal/ heavily soiled wash.	Check that the adjustment for high and low pressure washing is functioning.

DETERGENT AND DRYING AGENT	
ITEM	CHECK/ACTION
Detergent and drying agent equipment	Check the function and check for leaks. Check the hoses, which must be replaced every other year.
Detergent, drying agent	Check that the right type of detergent and drying agent is being used.

OTHER	
ITEM	CHECK/ACTION
Tanks	Check for limescale in the tanks and on the element. If necessary, remove the limescale
Rubber sleeves	Check the rubber sleeves and replace those which are damaged.
Water level	Check the upper and lower water levels in the tank.
Filters	Check that the filters are not damaged and that none of them is missing.
Sinks	Check that the sinks are correctly connected and that the hood does not interfere with the sinks when it is closed.
Hoses	Check that the hoses other than the pump hoses are not damaged.

Put the machine into full operation and check the functions and results against the table below:

TRIAL RUN, OPERATING THE MACHINE	
ITEM/FUNCTION	CHECK/ACTION
Water pressure, final rinse flow	Check the machine´s filling time. (see adjustment instructions)
Washing and drying results	Check that the results of the washing and drying are satisfactory.
Temperatures	Check that the settings are reached when the machine is in operation.
Foam	Check that no foam forms in the chemical washing tank when the machine is in operation.
Training	If necessary, provide training for the staff on using and maintaining the machine.
Manuals	Check that the user and service manuals are available.

8. Troubleshooting

8.1 General information

The electrical cabinet must only be opened by an authorised electrician.

NOTE: Read the SAFETY INSTRUCTIONS before starting any sort of troubleshooting and repair work.

Any work which involves removing equipment must be carried out by authorised service personnel.

The tables list a number of common faults and the components and functions which must be checked.

In addition to the faults listed in the tables, other types of malfunction may affect the operation of the machine. The authorised service engineer must therefore be fully familiar with the machine and use the flow diagram and wiring diagram provided when troubleshooting.

8.2 Troubleshooting

STARTING THE MACHINE		
PROBLEM	CAUSE	ACTION
Nothing appears on the control panel display when the start button 0/1 is pressed.	The machine is not connected to the power supply.	Check the fuses and the electrical cable.
	The circuit breaker is switched off.	Switch on the circuit breaker.
	The automatic fuse has blown (230V).	Reset the automatic fuse.

FILLING		
PROBLEM	CAUSE	ACTION
The machine does not fill with water.	The stopcock is closed.	Open the stopcock.
	The hood solenoid switch is not functioning.	Check and, if necessary, replace the solenoid switch.
	The solenoid coil is faulty.	Replace the coil.
	Fault in the level sensor.	Check and, if necessary, replace the level sensor. Check that the hose to the level sensor is not trapped, clogged or leaking.

FILLING		
PROBLEM	CAUSE	ACTION
	The jets in the rinsing pipe are blocked.	Clean the rinsing jets.
	The three-way valve is faulty.	Check the valve. Replace the damaged parts or the whole valve.
	The final rinsing pump is not functioning.	Check the pump. If necessary replace the pump.
The filling process does not stop.	Dirt in the solenoid.	Clean the solenoid.
	The solenoid membrane is split.	Replace the solenoid.
	Fault in the level sensor.	Check and, if necessary, replace the level sensor.
	The overflow pipe is not in place.	Fit the overflow pipe and the drain seal.
	The rubber sleeves on the overflow pipe do not seal against the base plate.	Check that the overflow pipe and the drain seal are closed. Replace the rubber sleeves if they are damaged.
The machine fills slowly.	The filter in the incoming water pipe is blocked.	Clean the filter.
	The solenoid is faulty. Dirt in the solenoid.	Check and clean the solenoid, if necessary. Replace the damaged parts or the whole solenoid.
	Dirt in the rinsing pipe's jets.	Clean the rinsing jets.
The tank does not fill to the right level.	Fault in the level sensor.	Check and, if necessary, replace the level sensor.

TEMPERATURES		
PROBLEM	CAUSE	ACTION
Tank temperature too low	The element in the chemical washing tank is faulty.	Replace the element.
	Low water level in the chemical washing tank.	Check the water level and check that the rubber sleeve on the overflow pipe seals against the base plate.
	Fault in the level sensor.	Check and, if necessary, replace the level sensor.
	Relay switch not functioning.	Check and, if necessary, replace the relay switch.
	Incorrect setting.	Check and adjust the setting.
Final rinse temperature too low.	The element in the booster heater is faulty.	Replace the element.
	Relay switch not functioning.	Check and, if necessary, replace the relay switch.
	Fault in the level sensor.	Check and, if necessary, replace the level sensor.
	Incorrect setting.	Check and adjust the setting.

WASHING		
PROBLEM	CAUSE	ACTION
The hood does not open (machines with a hood lift).	The relay switch for the hood lift pump is not functioning.	Check and, if necessary, replace the relay switch.
	The hood lift pump motor is faulty.	Replace the pump.
The hood opens slowly (machines with a hood lift).	Dirt in the solenoid.	Clean the solenoid.
The hood does not stop in its highest position.	Check valve not functioning. Dirt in the solenoid.	Replace the check valve. Clean the solenoid.

WASHING		
PROBLEM	CAUSE	ACTION
The hood does not close (machines with a hood lift).	The hood lift solenoid is faulty.	Replace the damaged parts or the whole solenoid.
The hood closes slowly (machines with a hood lift).	Solenoid faulty.	Replace the solenoid.
The washing pump does not start.	Water level in tank too low.	Check that the rubber sleeve on the overflow pipe seals against the base plate.
	Fault in the level sensor.	Check and, if necessary, replace the level sensor.
	The inbuilt overheating protection device in the pump has triggered.	Check that the pump wheel is not locked. If necessary, replace the pump.
	The pump motor has burnt out.	Replace the pump.
	Relay switch not functioning.	Check and, if necessary, replace the relay switch.
The overheating protection device in the washing pump has triggered.	Fault in the motor.	Check the motor current.
	Phase failure.	Check the power supply.
Washing pump is noisy.	Rotating in the wrong direction.	Check that the direction of rotation corresponds with the arrow on the pump. Switch over two of the input phases.
	Dirt in the pump housing.	Remove and clean the pump housing.
	Bearing fault.	Replace the bearing and, if necessary, the whole pump.
	Low water level. Faulty level sensor.	Check the level and the level sensor.
Final rinse with water from the recirculating tank does not start.	Fault in the three-way valve.	Check the valve. Replace the damaged parts or the whole valve.
	The motor in the final rinse pump has burnt out.	Replace the pump.
	The relay switch for the final rinse pump is not functioning.	Check and, if necessary, replace the relay switch.
The dishwasher stops during the washing phase and starts to take in water.	The level sensor is not functioning.	Check and, if necessary, replace the level sensor.
	The rubber sleeve on the overflow pipe is not sealed against the base plate.	Rectify the problem with the overflow pipe. Check that the rubber sleeve is not damaged.

WASHING RESULTS		
PROBLEM	CAUSE	ACTION
The machine does not clean the dishware properly.	The rinsing and washing jets are clogged with dirt.	Check and clean the jets.
	Too little detergent.	Check that enough detergent is available and that the detergent dose is set correctly. The suction hose for the detergent pump must be submerged in the detergent container. Check that the filter in the suction hose is clean.
	Washing or rinsing temperature too low.	Check: The function of the element in the washing tank, the booster heater, the relay switches and the settings.
	The water in the washing tank is too dirty.	Change the water.
	Build up of foam in the washing tank.	Check that the washing temperature is not too low and that the correct type of detergent is being used.
	The washing programme is too short.	Choose a programme with a longer washing time.
	The dishware is wrongly positioned in the basket.	Use the right type of washing basket and accessories to ensure that the dishware is correctly positioned.
	Check valve not functioning.	Replace the check valve.

DRYING RESULTS		
PROBLEM	CAUSE	ACTION
The dishware does not dry.	The dishware has been left in the machine after the rinse phase.	Take out the dishware as soon as the rinse phase is finished.
	The rinsing jets are blocked.	Check and clean the jets.
	Final rinse temperature too low.	Check the function of the element and the relay switches 85n the booster heater. Check the settings for the final rinse.
	Incorrect dose of drying agent.	Check and adjust the dosing equipment. The suction hose for the drying agent injector must be submerged in the drying agent container. Check that the filter in the suction hose is clean.

DRAINING (MACHINES WITH A DRAIN PUMP)		
PROBLEM	CAUSE	ACTION
The tanks do not drain when the drain pump starts.	The pump wheel is locked. The pump is faulty.	Check the pump. If necessary, replace the pump.

8.3 Error messages (WD-6E, WD-6EA, WD-7E, WD-7EH)

Machine faults and operating faults are shown on both the control panel displays.

CODE	CAUSE	ACTION
Err1	Too low water flow when filling the tank.	Reset the alarm by pressing twice at 0/ 1.
	The overflow pipe is not in place.	Fit the overflow pipe and the drain seal.
	The rubber sleeves on the overflow pipe do not seal against the base plate.	Check that the overflow pipe and the drain seal are closed. Replace the rubber sleeves if they are damaged.
	The stopcock is closed.	Open the stopcock.
	The solenoid coil is faulty.	Replace the coil.
	Fault in the level sensor.	Check and, if necessary, replace the level sensor.
Err4	Sensor T41 defective.	Change sensor.
Err5	Sensor T21 defective.	Change sensor.
Err6	Too low water flow when rinsing.	Reset the alarm by opening and closing the hood.
	Too low pressure.	Check the pressure.
	The stopcock is closed.	Open the stopcock.
	The solenoid coil is faulty.	Replace the coil.
	The rinsing jets are blocked.	Check and clean the jets.
Err7	Memory fault.	Change the E-prom or the circuit board.

When reset Err7 (memory fault) all reference values restores to deliveried values.

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Emptying pump Accessory.....175

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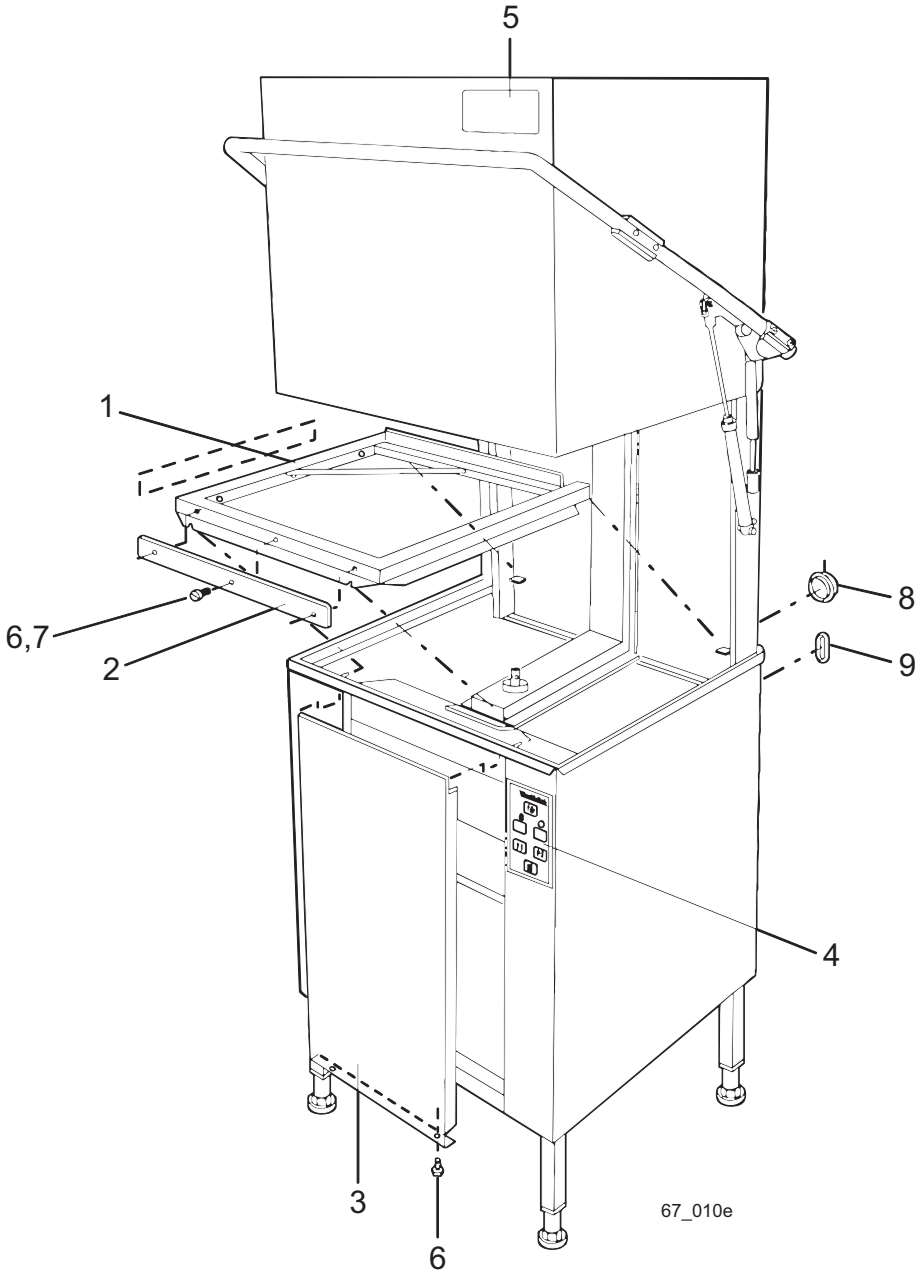
Detergent pump GRI Accessory 179

9.1 Voltage codes

Voltage	Voltage code
A	3/N/PE~400/230V 50Hz
B	~250V 16A 50Hz
C	3/N/PE~380/220V 50Hz
D	3/PE~200V 50-60Hz
F	2/PE 220–240V 50Hz
G	3/N/PE~415/240V 50Hz
H	3/PE~230V 50Hz
I	3/PE~220V 60Hz
J	3/PE~380 50Hz
K	3/PE~400V 50Hz
L	3/PE~415V 50Hz
M	3/PE~440V 60Hz
N	3/PE~460V 60Hz
O	3/PE~480V 60Hz
P	1/N/PE~220-240V 50Hz
R	2/PE~220-230V 60Hz
S	3/N/PE~400/230V 50Hz
T	3/PE~230V 60Hz
U	1/N/PE~100V 50-60Hz

9.2 Product codes

Product code	Full name
Model codes	
e	Electrically heated
cw	Cold water connected
m	Marin
i	Insulated
sd	Uninsulated
Type codes	
6	WD-6
6E	WD-6E
6EA	WD-6EA
7E	WD-7E
7EH	WD-7EH
Accessory codes	
dp	Drain pump
bp	Booster pump
re	Re-suction protection
sh	Steam hood


5
1
6,7
2
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6
67_010e

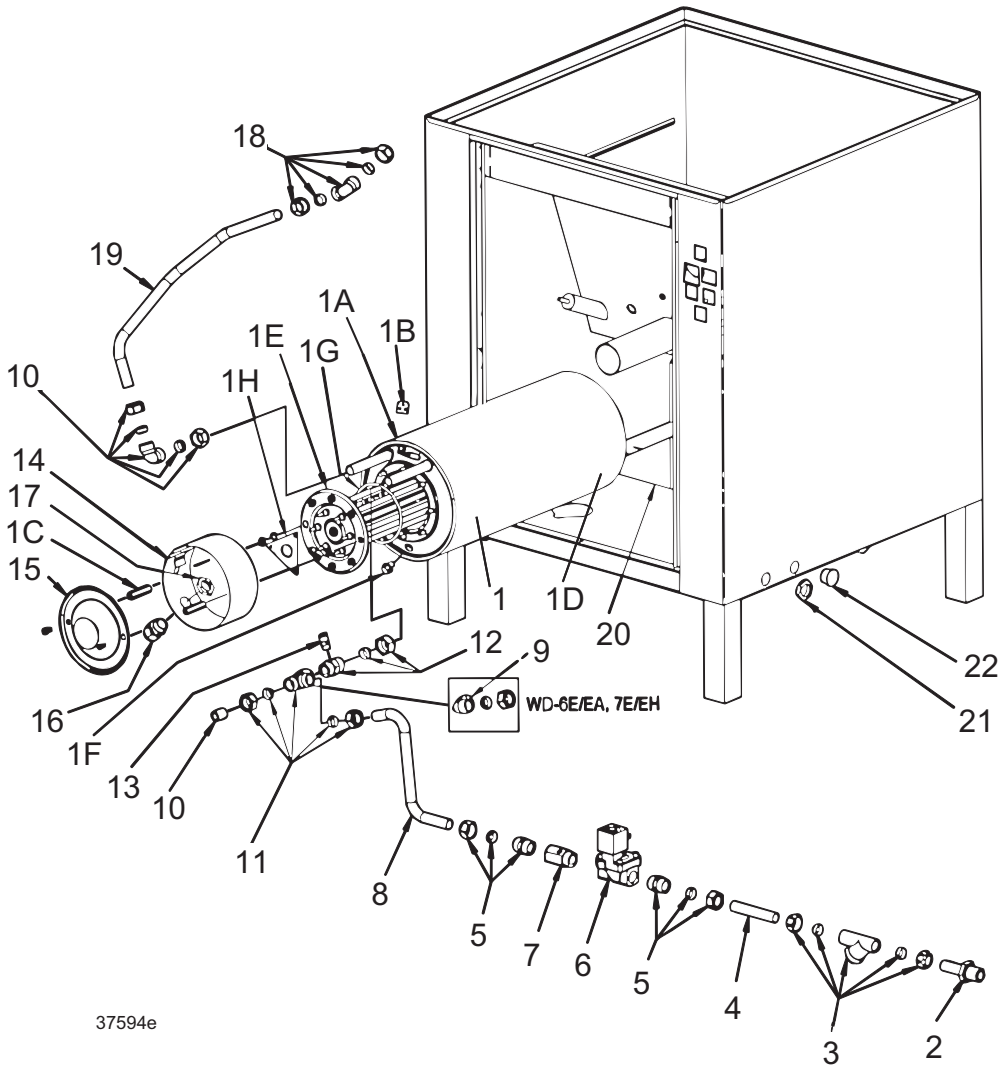
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Basket frame rail, cover plates								
1					6,6E,6EA		Basket frame rail WD6	w03002,01
1	3364901				7E,7EH		Basket frame rail WD7	w33649,01
2							Guide rail	w04037,31
3							Front cover WD6/7	w35212,31
4					6		Panel sign WD-6	w41358,31
4					6	dp	Panel sign WD-6 dp	w41358,32
4	5315287				6E,7E		Panel sign WD-6E,7E	w41873,31
4	5315288				6EA,7EH		Panel sign WD-6EA,7EH	w41874,31
4	5315432				6		Panel sign WD-6 Metos	w42795,31
4					6	dp	Panel sign WD-6 dp Metos	w42795,32
4	5315284				6E,7E		Panel sign WD6E,7E Metos	w42745,31
4	5315290				6EA,7EH		Panel sign WD6EA,7EH Metos	w42743,31
4					6E,7E		Panel sign WD6E,7E Rhima	w42908,31
4					6EA,7EH		Panel sign WD6EA,7EH Rhima	w42988,31
4					6		Panel sign WD-6 Hildebrand	w44066,31
4					6	dp	Panel sign WD-6 dp Hildebrand	w44066,32
4					6		Panel sign WD-6 Shark	w44334,31
4					6E,7E		Panel sign WD-6E,7E Shark	w44333,31
4					6EA,7EH		Panelsign WD-6EA,7EH Shark	w44331,31
5	5315292				6,6E,6EA		Model sign WD-6,6E,6EA Metos	w42752,31
5					7E,7EH		Model sign WD-7E,7EH Metos	w42868,31
5					6,6E,6EA		Model sign WD-6,6E,6EA Rhima	w42909,31
5							Model sign WD7E,7EH Rhima	w42998,31
6							Screw M6S M6x10 A2	w700,0111
7	5320722						Nut M6M M6 A2	w700,0904
8							Plug	w718,1050
9					7EH		Inlet	w719,0320
					6,6E,6EA		Insulating WD-6	w41429,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz


18
19
1A
1B
1E
1G
1H
10
14
17
1C
15
1
1D
20
22
21
12
9
WD-6E/EA, 7E/EH
16
1F
13
10
11
8
5
7
6
5
4
3
2
37594e

ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster heater, couplings								
1	1163,21				6		Booster heater 9kW 230/400V , Cpl	w01163,21
1	1163,14				6E,6EA ,7E,7E H		Booster heater 9kW 230/400V (E) , Cpl	w01163,14
1				cw	6E,6EA ,7E,7E H		Booster heater 12kW 230/400V , Cpl	w01163,16
1A	5315015				6		* Container booster heater Std	w01162,01
1A	5320267				6E,6EA ,7E,7E H		* Container booster heater (E)	w01162,04
1B					6		* Holder temp.	w44204,31
1B					6E,6EA ,7E,7E H		* Attachment temp.sensor	w44203,31
1C	5320275						* Distance sleeve 100x45	w04915,31
1D							* Heat insulation booster heater	w809,0903
1E	5320101				6		* Element 9kW 230/400V	w30835,08
1E	5315199				6E,6EA ,7E,7E H		* Element 9kW 230/400V 17,6 ohm	w30835,01
1E	5315201				6E,6EA ,7E,7E H		* Element 12kW 230/400V	w30835,02
1F							* Collar screw 8x12 A2	w700,2501
1G	5315689						* O-ring 90x4.0	w719,1090
1H					6		* Cable bridge booster-heater	w670,8240
1H	5320276				6E,6EA ,7E,7E H		* Copper clamp booster heater	w04920,31
2							Nipple water connection WD6/7	w705,1002
3							Strainer C15xC15 (0.30)	w709,1802
4	4264131						Pipe inlet WD6/7	w42641,31
5	5320204						Coupling straigth 15x15 MF , Cpl	w705,0914
							* Clamping sleeve 15mm	w705,0420
							* Nut 15mm	w705,0315
6							Solenoid valve, housing	w729,2540
6							Coil 230/50-60 6kW	w729,2503
7	5315593						Ball valve ½" EVS-15	w709,0805
8					6,6E,6EA		Tube	w45094,31
8					7E,7EH		Tube	w45094,32

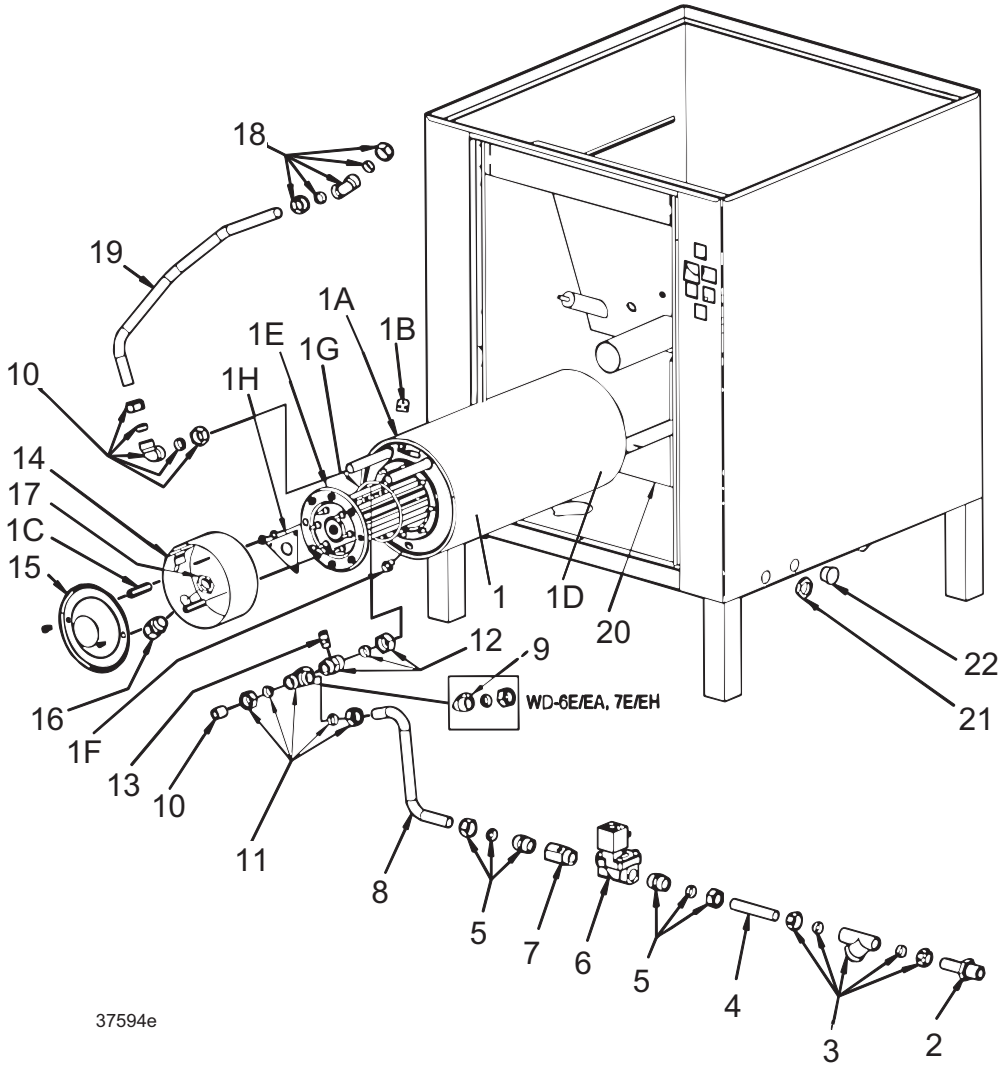
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
9	5315585						Coupling ang.15xR15 int.thread , Cpl	w705,1904

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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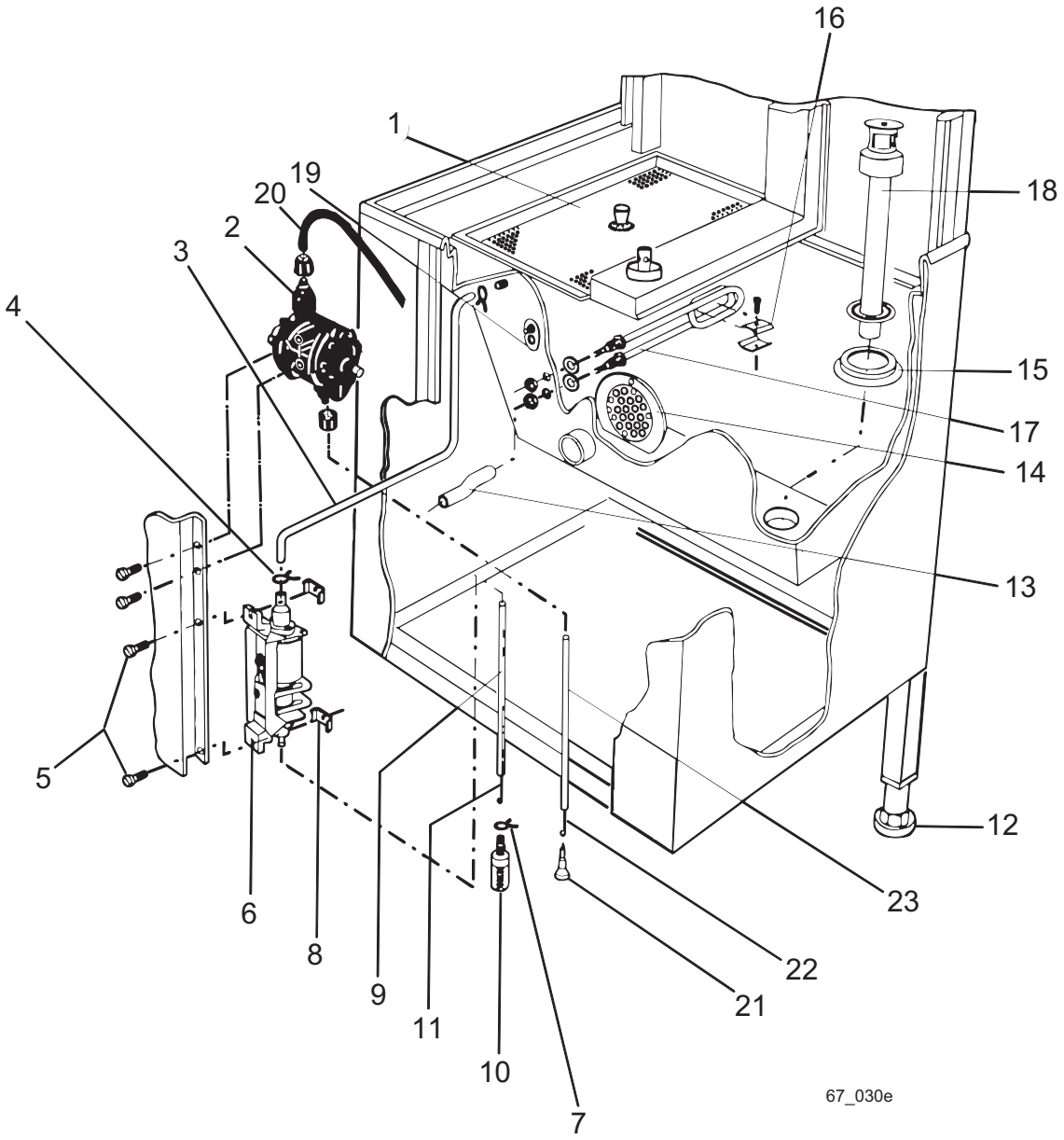
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster heater, couplings								
	5320200						* Clamping sleeve	w705,0405
	5320198						* Nut LK 63-15	w705,0205
10	5315105				6		Thermostat attachment	w04158,31
11							Coupl.T-tube 15x15xR15int.thread , Cpl	w705,2704
							* Clamping sleeve 15mm	w705,0420
							* Nut 15mm	w705,0315
12	5320088						Coupling GA-15xR½"	w04847,01
13	5315588						Coupling rapid 1000 6/4-1/8"	w706,0902
14							Electric mantle	w04904,07
15	5320144						Electric mantle cover	w40387,31
16							Cable screw cap 20 polyamid	w5147611 3
17							Locking nut 20 polyamid	w5147653 3
18	5320208						Coupling angeled 15x15 brass , Cpl	w705,1205
							* Clamping sleeve 15mm	w705,0420
							* Nut 15mm	w705,0315
19							Pipe from boiler WD6	w37473,01
20	3517931				6,6E,6E A		Bottom plate WD6	w35179,31
20					7E,7EH		Bottom plate WD7	w35317,31
21							Nut R ½"	w706,0203
22	7181048						Protecting plug 10210	w718,1048

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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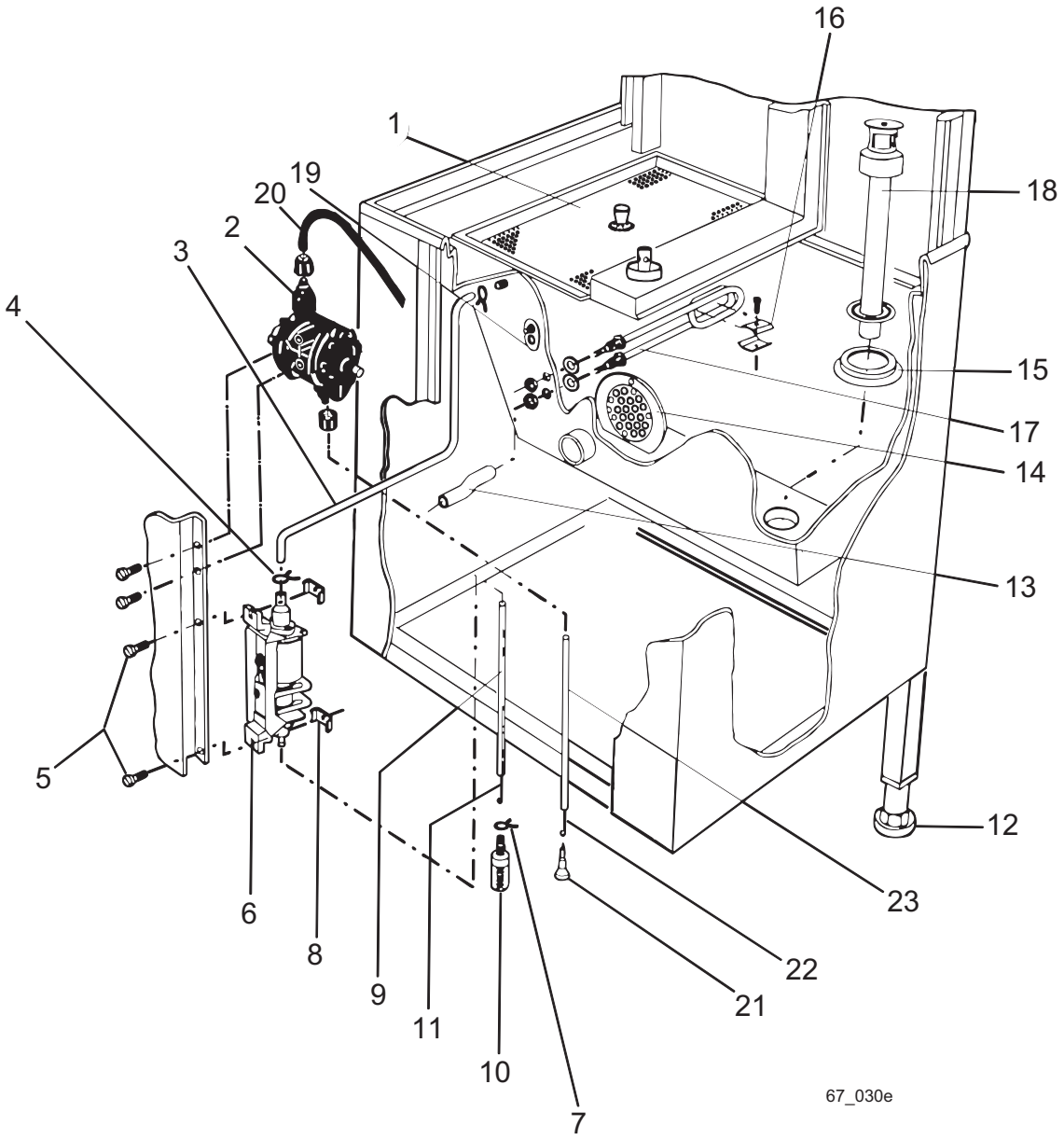
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Tank details, detergent, drying agent								
1	5315018						Strainer WD6/7 , Cpl	w22830,01
							* Nob	w718,0826
	5315567						* Washer BRB 8.4x16 A2	w700,1206
							* Screw M6S M8x25 A2	w700,0135
2	5315665						Drying agent pump N6	w716,0401
3	5315687						Hose PVC 5-8 clear	w719,0305
4	7140411						Hose clamp Remin RSF 11 653	w714,0411
5							Screw MCS M4x10 A2	w700,0609
6	5316075						Detergent pump GRI 14825	w716,0501
7	7140408						Hose clamp Remin RSF 8-1	w714,0408
8							Clamp detergent pump WD6/7	w41115,32
9	5320603						Rubber hose EPDM	w719,0311
10	5315671						Detergent pump strainer	w716,0504
11	4288731						Reinforcement pin deterg.hose	w42887,31
12	5210164						Foot grey 40x40 adjustable	w718,0305
13	7190601						Rubber hose 12x8	w719,0601
14	5320102						Pump strainer	w32422,31
15	5315699						Level pipe sealing	w719,4036
16							Thermostat attachment , Cpl	w04796,75
							* Attachment	w04796,31
							* Attachment	w04796,32
							* Screw MCS M4x16 A2	w700,0611
17	5315388						Element 1800W 230V , Cpl	w604,1803
							* Nut for element M14	w604,0013
							* Packing for element	w604,0014
18	5315215						Level pipe WD6/7 , Cpl	w32775,01
	5315271						* Foam remover	w41225,31
							* Screw MRX 4x6 A4	wACS121 333

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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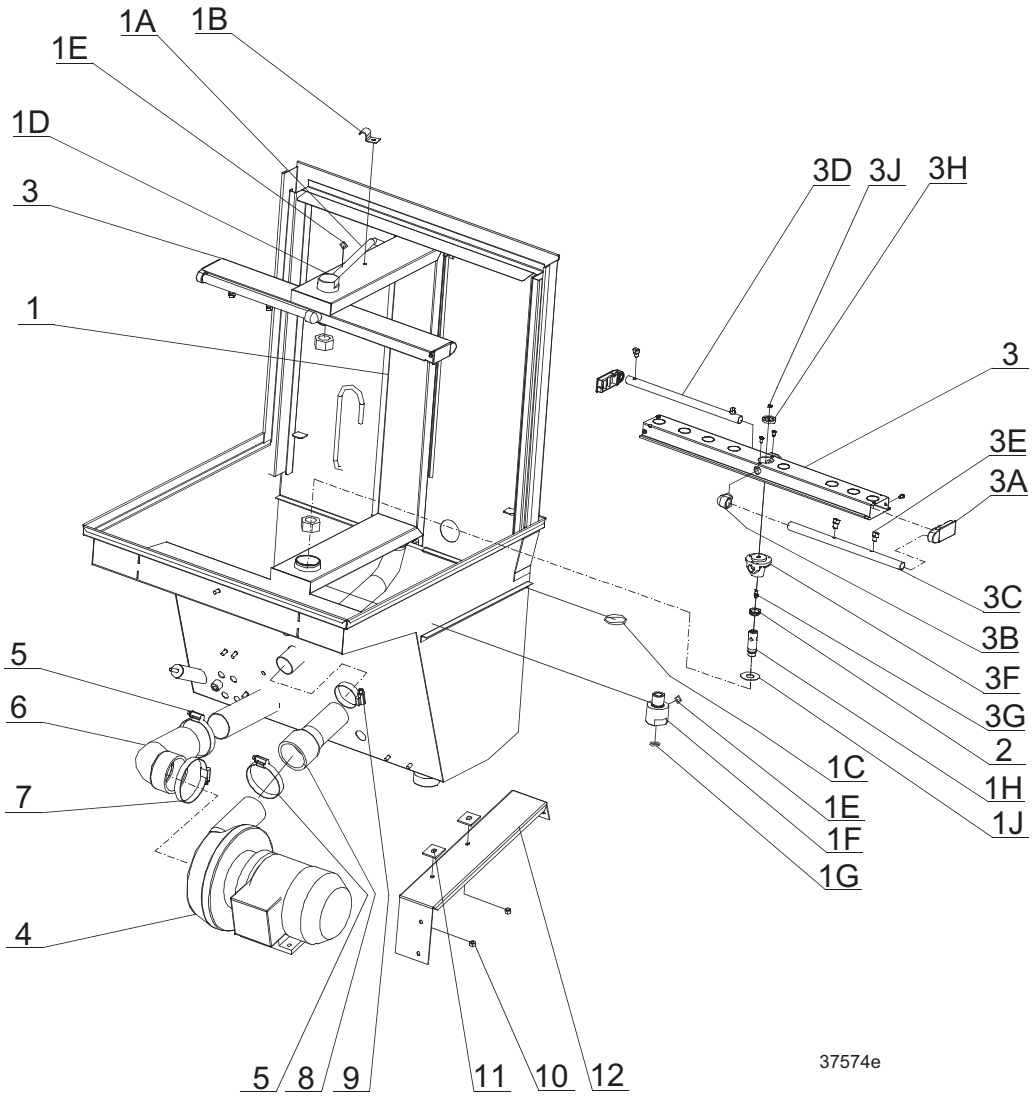
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Tank details, detergent, drying agent								
19					6		Holder temp.	w44204,31
19					6E,6EA ,7E,7E H		Attachment temp.sensor	w44203,31
20	5315672						Pressure hose 4x6	w716,0405
21	5315669						Strainer	w716,0404
22							Reinforcement pin dry.ag hose	w42946,31
23	5315667						Suction hose	w716,0402

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Dish-, rinse system (WD-6, 6E, 6EA)								
1	5320700				6,6E,6EA		Main pipe compl.WD6	w24426,01
1A					6,6E,6EA		* Main pipe final rinse WD6	w36734,31
1B	5320702				6,6E,6EA		* Clamp, main pipe	w43831,31
1C	5320726				6,6E,6EA		* O-ring 37,77x2,62	w719,1037
1D					6,6E,6EA		* Bearing neck holder upper	w43832,31
1E	5320708				6,6E,6EA		* O-ring 11,3x2,4	w719,1011
1F					6,6E,6EA		* Bearing neck holder lower	w43833,31
1G	5320710				6,6E,6EA		* O-ring 14,3x2,4	w719,1014
1H	5315277				6,6E,6EA		* Bearing neck	w41450,31
1J					6,6E,6EA		* Restrictor	w44360,32
2	5315681				6,6E,6EA		V-ring V16S	w719,0111
3	5315056				6,6E,6EA		Rinse arm complete , Cpl	w20562,02
3A	5315219				6,6E,6EA		* End cover	w33588,31
3B	5315275				6,6E,6EA		* Rinse pipe attachment	w41449,31
3C	5320014				6,6E,6EA		* Rinse pipe Right with nozzels , Cpl	w42108,01
3D	5320012				6,6E,6EA		* Rinse pipe Left with nozzels , Cpl	w42108,02
3E	5315643				6,6E,6EA		** Nozzle	w712,3010
3F	7390203				6,6E,6EA		* Wash arm bearing , Cpl	w739,0203
3G	5315281				6,6E,6EA		** Locking screw wash arm	w41452,31
3H	5315279				6,6E,6EA		** Locking nut wash arm	w41451,31
3J	5315569				6,6E,6EA		** Nut low ML6M M5 DIN 439 A2	w700,2003
4					6,6E,6EA		Pump 2241 230/400V 50Hz , Cpl See electrical diagram	w805,2550

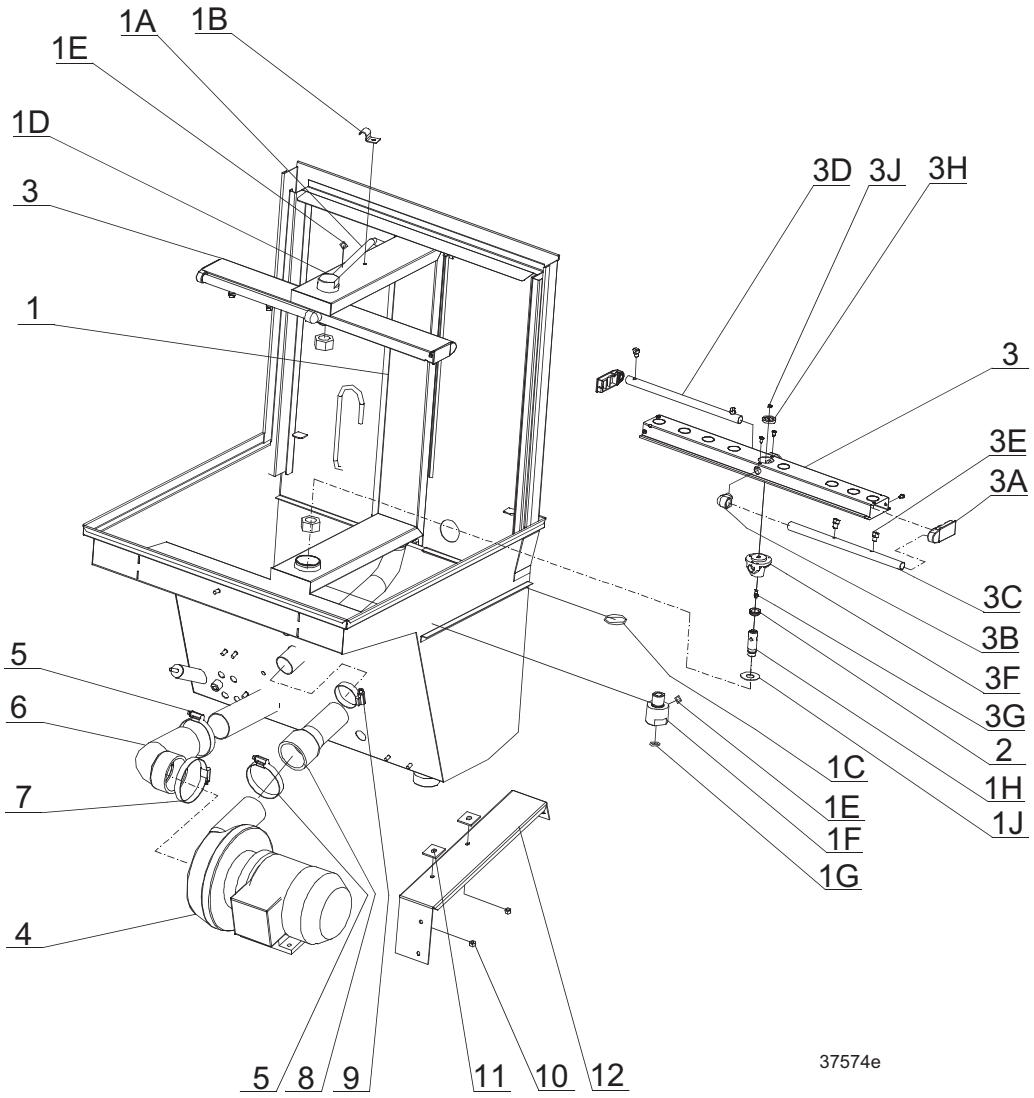
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
5	5320016				6,6E,6EA		Hose clamp 50-70/12	w714,0111
6					6,6E,6EA		Pump connection inlet WD6/7	w36364,31
7	5315654				6,6E,6EA		Hose clamp 60-80/12 W3	w714,0112
8					6,6E,6EA		Pump connection outlet WD6/7	w36365,31
9	5315652				6,6E,6EA		Hose clamp 32-50/12 W3	w714,0109
10					6,6E,6EA		Locking nut LM DIN 985 M6 A2	w700,1404

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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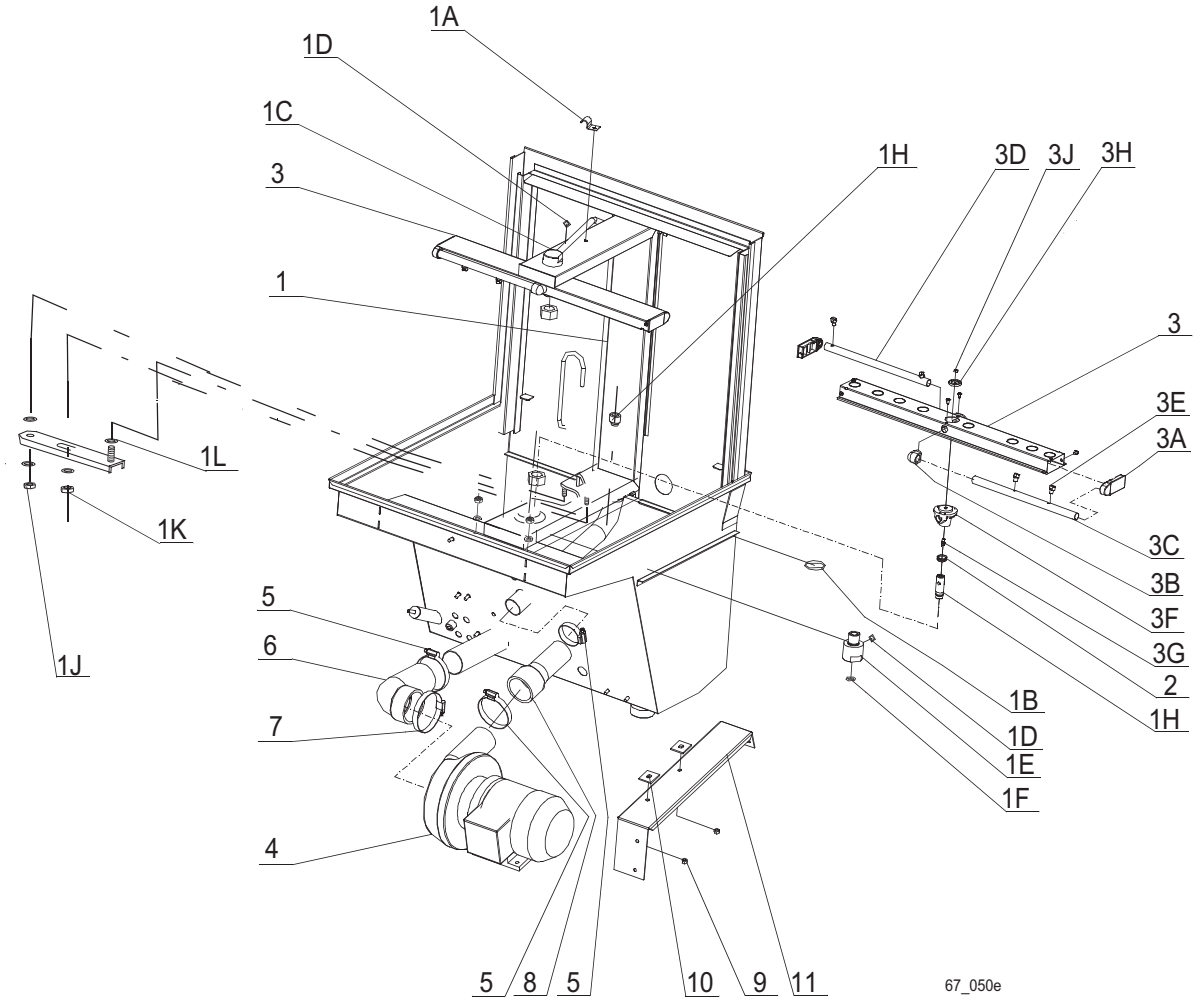
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Dish-, rinse system (WD-6, 6E, 6EA)								
11	5320246				6,6E,6E A		Rubber foot 30x30x3	w719,1330
12					6,6E,6E A		Pump attachment	w36587,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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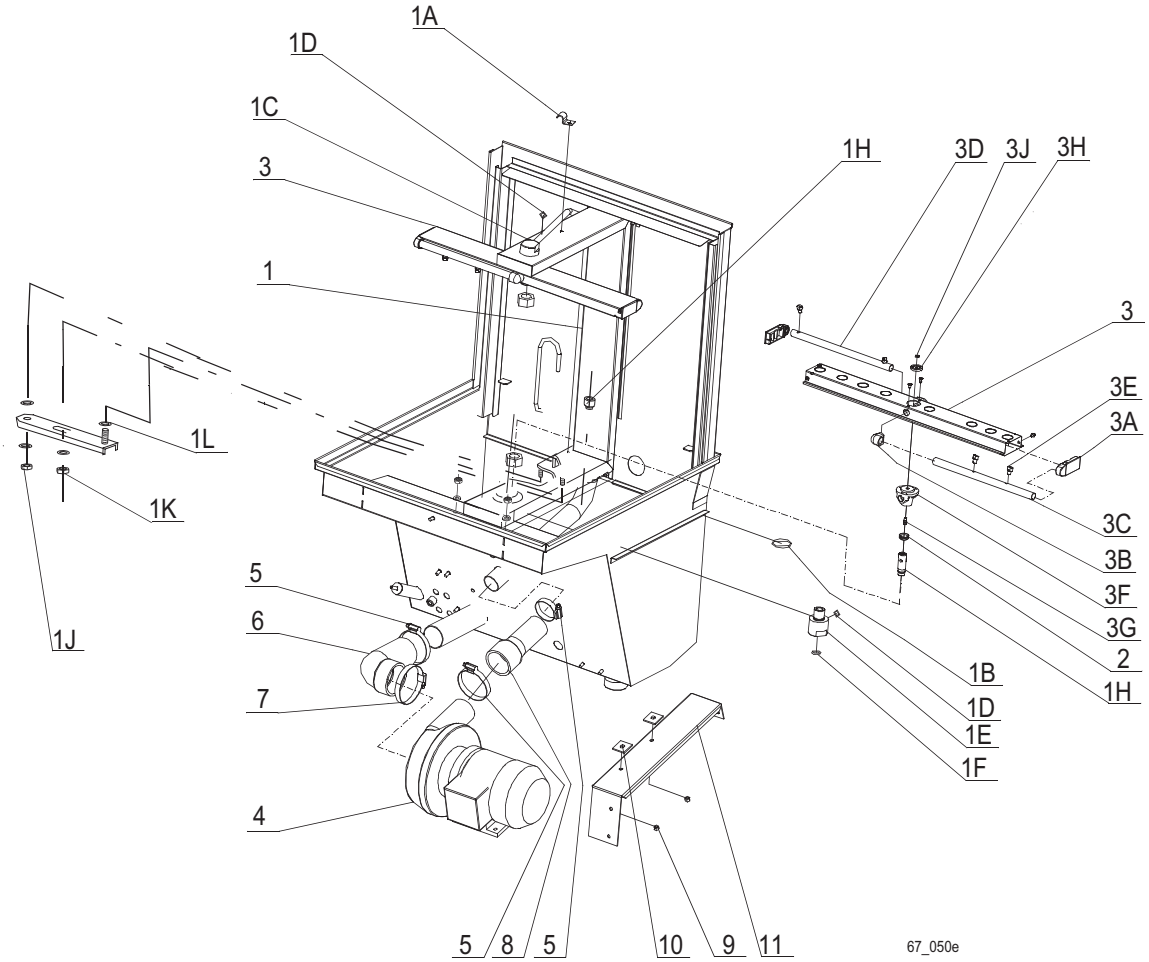
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Dish-, rinse system (WD-7E, 7EH)								
1					7E,7EH		Main pipe compl.WD7	w10659,01
1A	5320702				7E,7EH		* Clamp, main pipe	w43831,31
1B					7E,7EH		* O-ring	w719,1092
1C					7E,7EH		* Bearing neck holder upper	w43832,31
1D	5320708				7E,7EH		* O-ring 11,3x2,4	w719,1011
1E					7E,7EH		* Bearing neck holder lower	w43833,31
1F	5320710				7E,7EH		* O-ring 14,3x2,4	w719,1014
1G	5315277				7E,7EH		* Bearing neck	w41450,31
1H	5315978				7E,7EH		* Knob for control lever	w40296,31
1J					7E,7EH		* Locking nut LM DIN 985 M6 A2	w700,1404
1K	7021605				7E,7EH		* Locking nut M8	w702,1605
1L					7E,7EH		* Plastic washer 6,4x18x2 SKIFFY	w701,0117
2	5315681				7E,7EH		V-ring V16S	w719,0111
3					7E,7EH		Rinse arm compl.WD7	w20562,01
3A	5315219				7E,7EH		* End cover	w33588,31
3B	5315275				7E,7EH		* Rinse pipe attachment	w41449,31
3C	5315975				7E,7EH		* Rinse pipe R with nozzles WD7	w42109,01
3D	5315976				7E,7EH		* Rinse pipe L with nozzles WD7	w42109,02
3E	5315643				7E,7EH		** Nozzle	w712,3010
3F	7390203				7E,7EH		* Wash arm bearing , Cpl	w739,0203
3G	5315281				7E,7EH		* Locking screw wash arm	w41452,31
3H	5315279				7E,7EH		* Locking nut wash arm	w41451,31
3J	5315569				7E,7EH		* Nut low ML6M M5 DIN 439 A2	w700,2003
4					7E,7EH		Pump 0241 230/400V 50Hz See electrical diagram	w805,2520
5	5320016				7E,7EH		Hose clamp 50-70/12	w714,0111
6					7E,7EH		Pump connection inlet WD6/7	w36364,31
7	5315654				7E,7EH		Hose clamp 60-80/12 W3	w714,0112
8	5320235				7E,7EH		Radiator hose ø50-1000mm	w717,0150

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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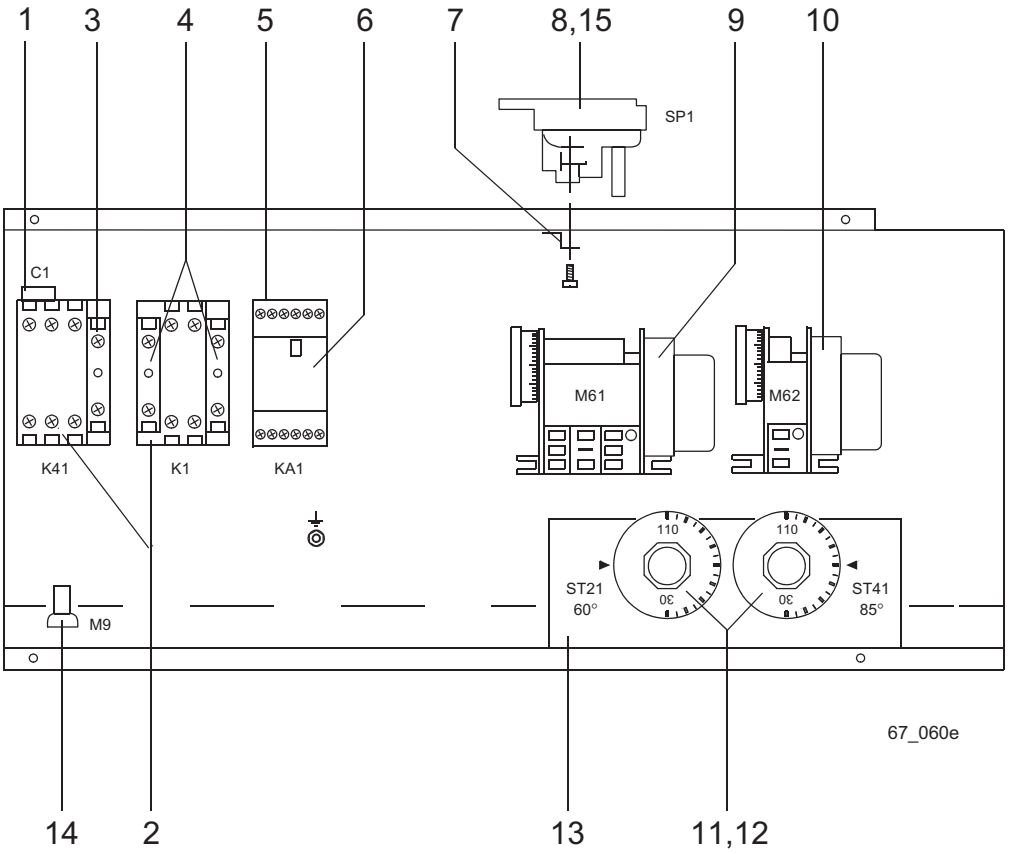
ID	Code	Date from	Date to	Model	Type	Accessory	Description	P-code
Module:Dish-, rinse system (WD-7E, 7EH)								
9					7E,7EH		Locking nut LM M8 DIN 985 A2	w700,1405
10	5320246				7E,7EH		Rubber foot 30x30x3	w719,1330
11					7E,7EH		Pump attachment	w36587,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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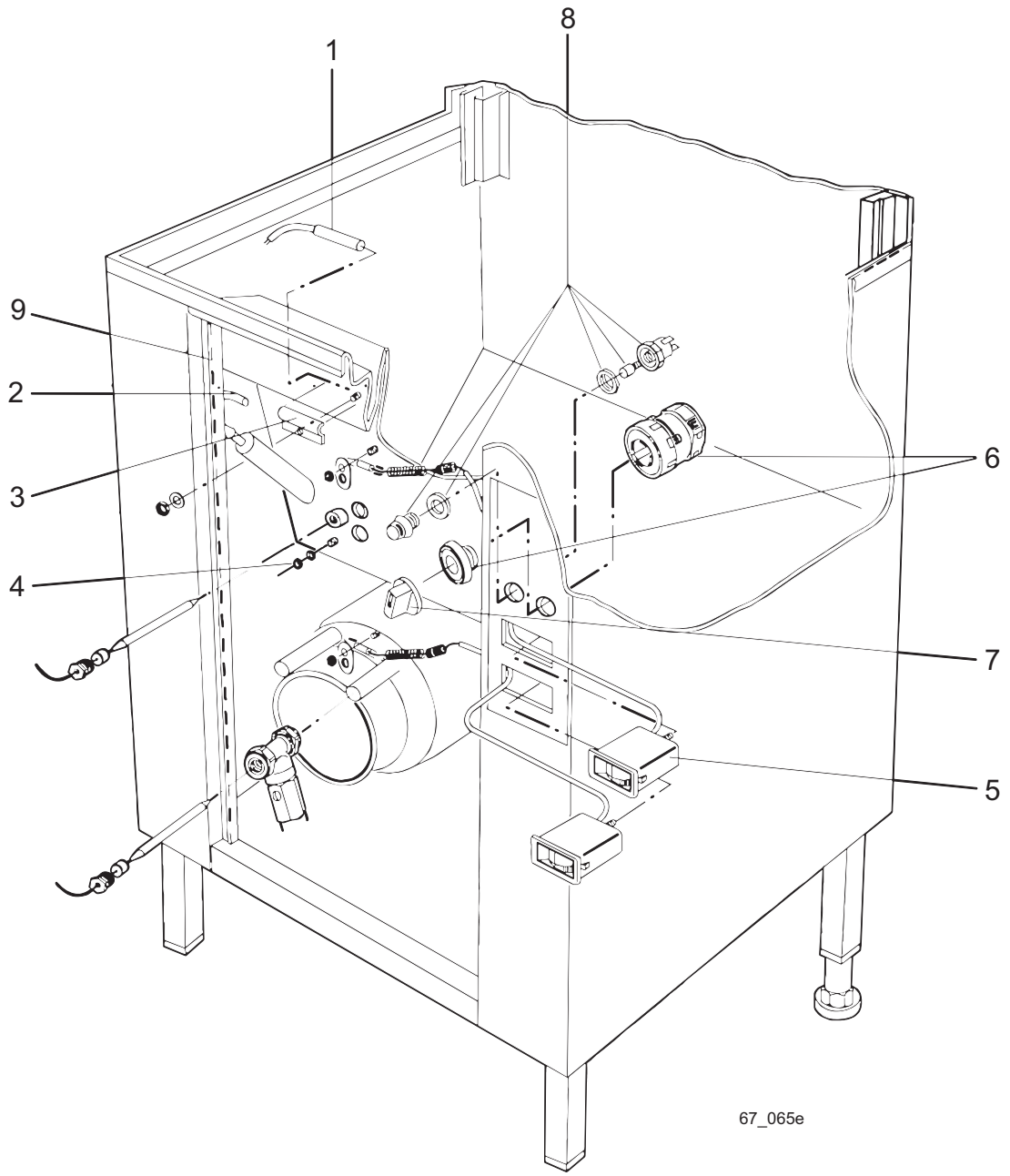
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Electric cubicle (WD-6)								
1	5315411				6		Condenser 0.1 pme 271 ms	w607,3610
2	5320004				6		Contactor CI9 240V/50 16A	w63722133
3	5320341				6		Auxiliary contact block 1-2 NC	w637,1112
4	5320287				6		Auxiliary contact block 3-4	w637,3111
5	5320046				6		Relay socket 11-pol. Black	w54099170
6	5315325				6		Relay TRP 6934 11pol 230V AC	w54014037
7					6		Pressure switch attachment	w41488,31
8					6		Pressure switch "SILVER"	w733,0106
9	5315402				6		Program unit CDC 3-cam 90s	w60533090
10	5315410				6		Program-unit CDC 1-cam 15s	w60531015
11	5315797				6		Thermostat 55.13223.01 1130 mm	w734,0301
12	734,0303				6		Thermostat knob 524.805 black	w734,0303
13					6		Thermostat attachment	w04381,31
14	5315557				6		Adapter with diod for deterg.p , Cpl	w6808272 8l
					6		* Sleeve	w42999,31
	5315507				6		* Varistor	w61514250
					6		* Diod 1N 4007	wACS121 309
15					6		Cover	w44516,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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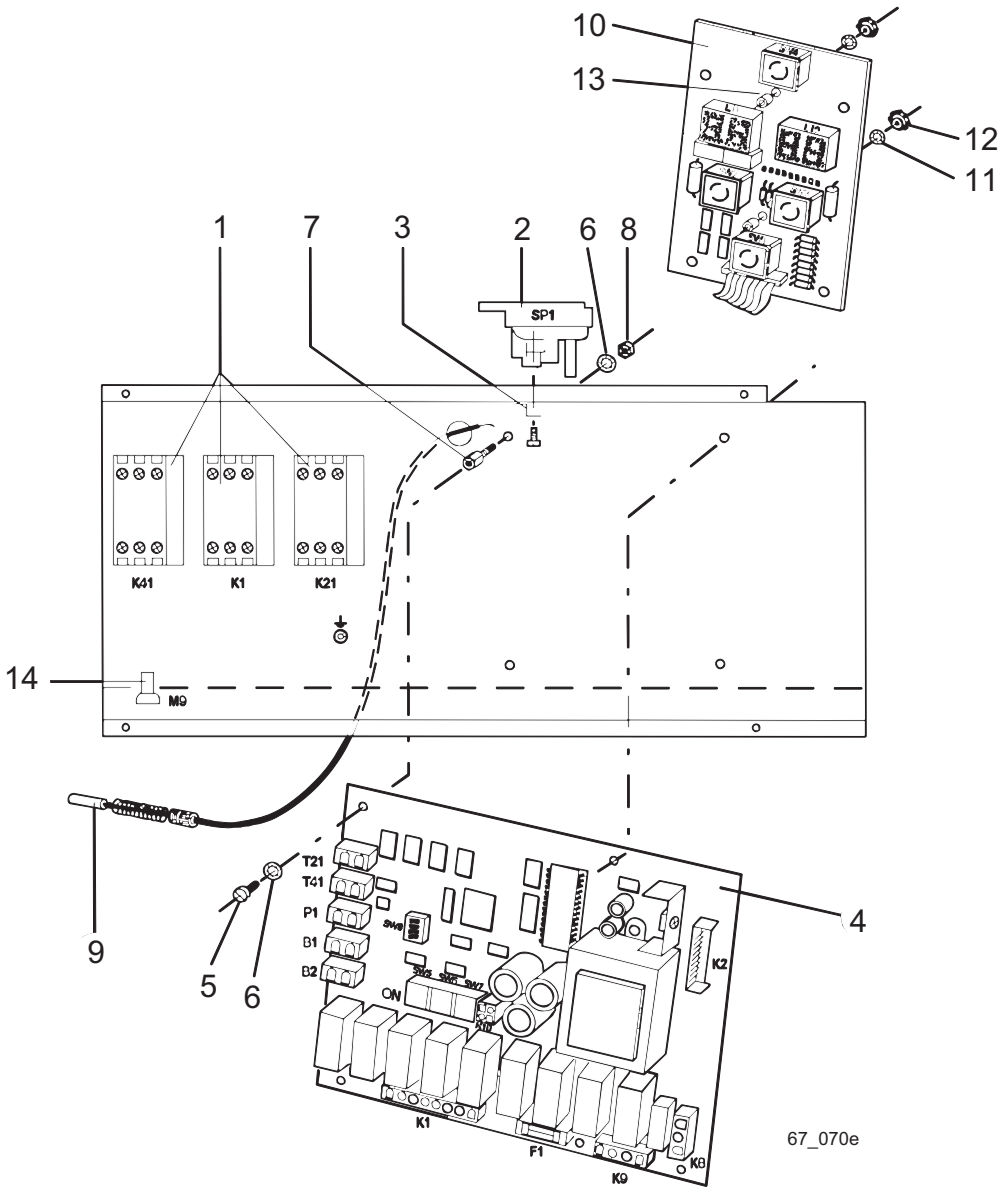
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Electrical components (WD-6)								
1	5315349				6		Fieldbreaker switch 100VA	w602,0102
2	5320600				6		Hose EPDM 7x4mm 70shore	w719,0310
3	4133031				6		Holder fieldbreaker sw. D=12	w41330,31
4					6		Nut M6M M4 A2	w700,0902
5	5315709				6		Thermometer 0-120deg C1500mm s	w722,0101
6	60127890				6		Switch C27890	w6012789 0
7					6		Knob for switch	w601,0021
8	5315511				6		Pilot lamp socket w.bulb green , Cpl	w618,0112
	5315512				6		* Lamp lens green 2066756	w618,1112
					6		* Packing	w618,0110
	5315519				6		* Pilot lamp flour E10 220V	w619,0112
9					6		Rubber moulding	w719,0522

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Electric cubicle (WD-6E, 6EA, 7E, 7EH)								
1	5320004				6E,6EA ,7E,7E H		Contactor CI9 240V/50 16A	w6372213 3
2	5315791				6E,6EA ,7E,7E H		Pressure switch gold	w733,0103
3					6E,6EA ,7E,7E H		Pressure switch attachment	w41488,31
4					6E,6EA ,7E,7E H		Computer board with e-prom , Cpl	w6100059 9H
	5320285				6E,6EA ,7E,7E H		* Fuse 2A slow 5x20	w5202991 9
	61001830				6E,6EA ,7E,7E H		* E-prom 350183	w6100183 0
					6E,6EA ,7E,7E H		* E-prom 350391 no Err 2&6 Op-tional equipment	w6100391 0
5					6E,6EA ,7E,7E H		Screw MRX M4x8 A2	wACS121 560
6					6E,6EA ,7E,7E H		Lock washer IZ 4.3 steel fzb	w702,1205
7	7022012				6E,6EA ,7E,7E H		Distance nut DSS M4x12 fzb	w702,2012
8					6E,6EA ,7E,7E H		Nut 22x1,5	w702,0912
9	5315467				6E,6EA ,7E,7E H		Temp.sensor 1000mm (E) , Cpl	w610,0104
	5320145				6E,6EA ,7E,7E H		* Spring temp-sensor (E)	w41122,31
	5320146				6E,6EA ,7E,7E H		* Screw temp-sensor (E)	w41123,31
10	5315451				6E,7E		Display 200602	w6100060 2
10	5315449				6EA,7E H		Display 200601	w6100060 1

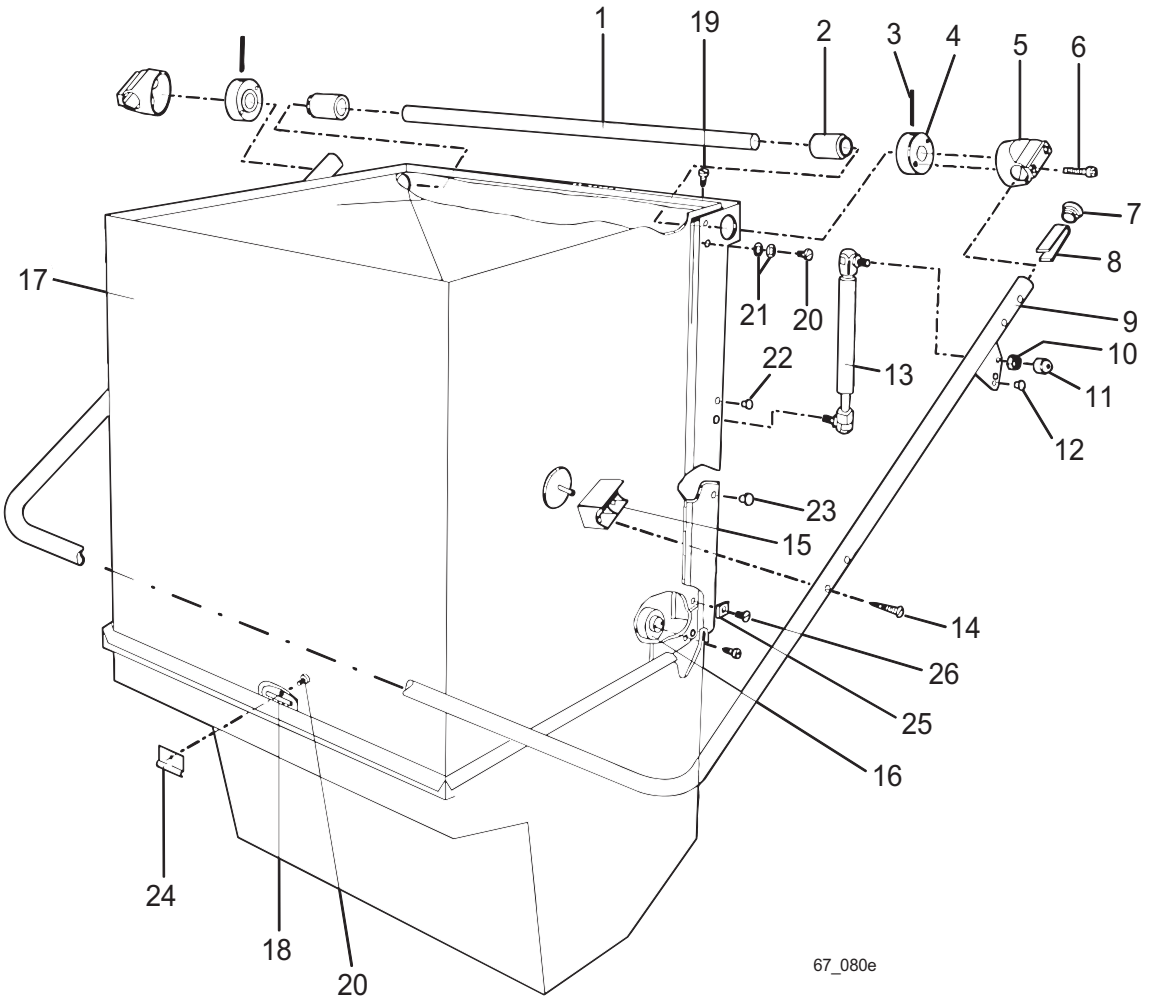
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
11					6E,6EA ,7E,7E H		Lock washer IZ 4.3 steel fzb	w702,1205
12					6E,6EA ,7E,7E H		Plastic nut M4 white RG114	w718,0724
13	5320196				6E,6EA ,7E,7E H		Distance tube 4380x7	w702,2207
14	5315557				6E,6EA ,7E,7E H		Adapter with diod for deterg.p , Cpl	w6808272 8L
					6E,6EA ,7E,7E H		* Sleeve	w42999,31
	5315507				6E,6EA ,7E,7E H		* Varistor	w6151425 0
					6E,6EA ,7E,7E H		* Diod 1N 4007	wACS121 309

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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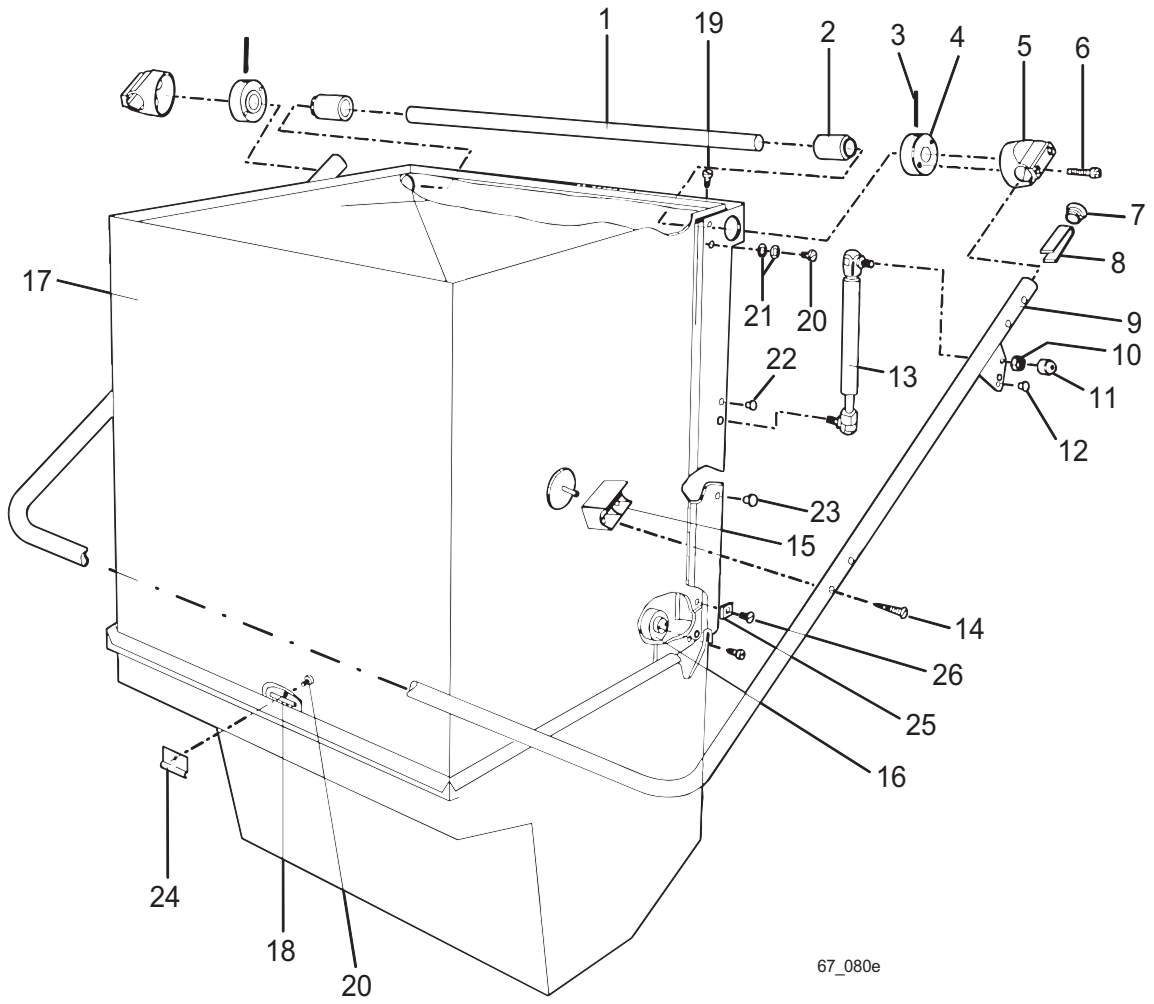
ID	Code	Date from	Date to	Model	Type	Accessory	Description	P-code
Module:Hood lift (WD-6, 6E, 7E)								
1	401231				6,6E		Shaft for hood lift WD-6	w04012,31
1	4147031				7E		Shaft hoodlift WD7E/EH	w41470,31
2	4047731				6,6E		Bearing lifting arm shaft	w40477,31
2	4148231				7E		Bearing,liftingarm WD7E/EH	w41482,31
3	5320750				6,6E,7E		Tubular pin FRP 6x45	w701,0417
4	5320754				6,6E,7E		Arm attachment WD6/7	w04013,31
5	5315272				6,6E,7E		Hinge cap WD6/7	w41226,31
6	5320752				6,6E,7E		Screw MC6S M6x35 A2	w700,0227
7	5315679				6,6E,7E		Plastic plug black SFL25	w718,0925
8	4039631				6,6E,7E		Lifting handle clamp	w40396,31
9					6,6E		Lifting handle WD6	w39813,01
9	3360801				7E		Lifting handle WD7	w33608,01
10					6,6E,7E		Nut M6M M8 A2	w700,0905
11	5320238				6,6E,7E		Nut cover	w718,1108
12	7181008				6,6E,7E		Plug black 8.5mm	w718,1008
13					6,6E		Gas spring 500N protection cap	w713,0514
13	5315756				7E		Gas spring800N ball joint	w713,0512
14	5315268				6,6E,7E		Screw KFSS 4.8x38 A2	w700,0824
15	5315270				6,6E,7E		Hood bearing WD6/7	w41223,31
16	5315087				6		Sliding roller uninsulated hood	w04028,31
17	1002701				6		Hood WD6 uninsulated , Cpl	w10027,01
	5320720				6		* Screw RXS 4.2x13 A2	w700,0715
17					6		Hood WD6 insulated , Cpl	w01651,02
					6		* Screw MFS M4x6 A2	w700,0408
	4122431				6		* Sliding roller insul hood WD6/7	w41224,31
17	147101				7E		Hood complete WD7E/EH , Cpl	w01471,01
					6,6E,7E		* Screw MFS M4x6 A2	w700,0408
	4122431				6,6E,7E		* Sliding roller insul hood WD6/7	w41224,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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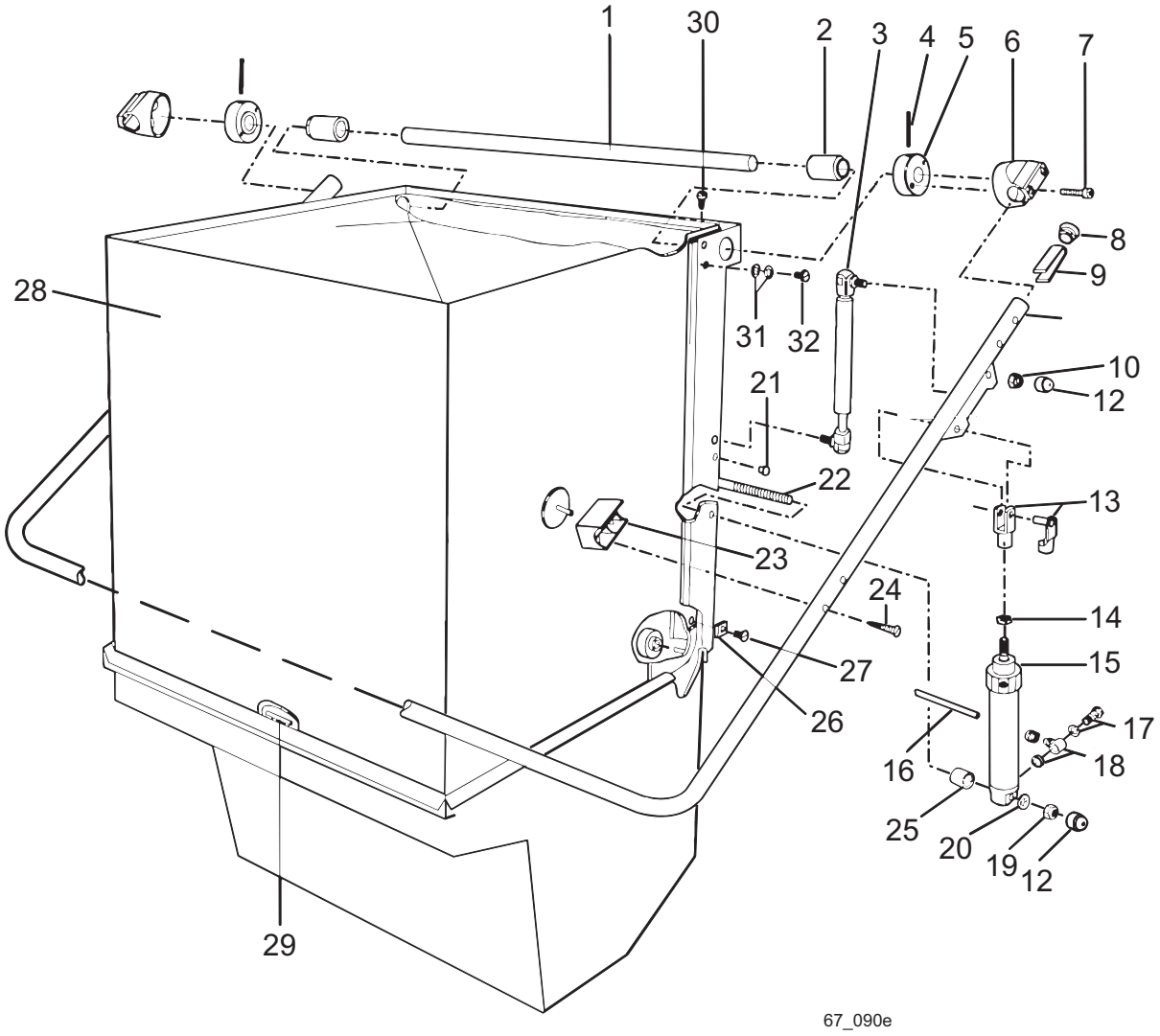
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Hood lift (WD-6, 6E, 7E)								
18	5315353				6		Magnet round 6x50	w602,0551
18	5315359				6E,7E		Magnet 6x24	w6021983 0
19	7000714				6,6E,7E		Screw CSS 4,2x9,5 A2	w700,0714
20					6,6E,7E		Screw MRX 4x6 A4	wACS121 333
21					6,6E,7E		Washer BRB 4.3x9 A2	w700,1201
22	7181007				6,6E,7E		Plug black 7mm	w718,1007
23	7181009				6,6E,7E		Plug nature 8.8mm	w718,1009
24	4280931				6		Magnet holder WD6 unins.	w42809,31
25	4001631				6,6E,7E		Sliding block insul hood WD6/7	w40016,31
26					6,6E,7E		Screw MFS M4x6 A2	w700,0408

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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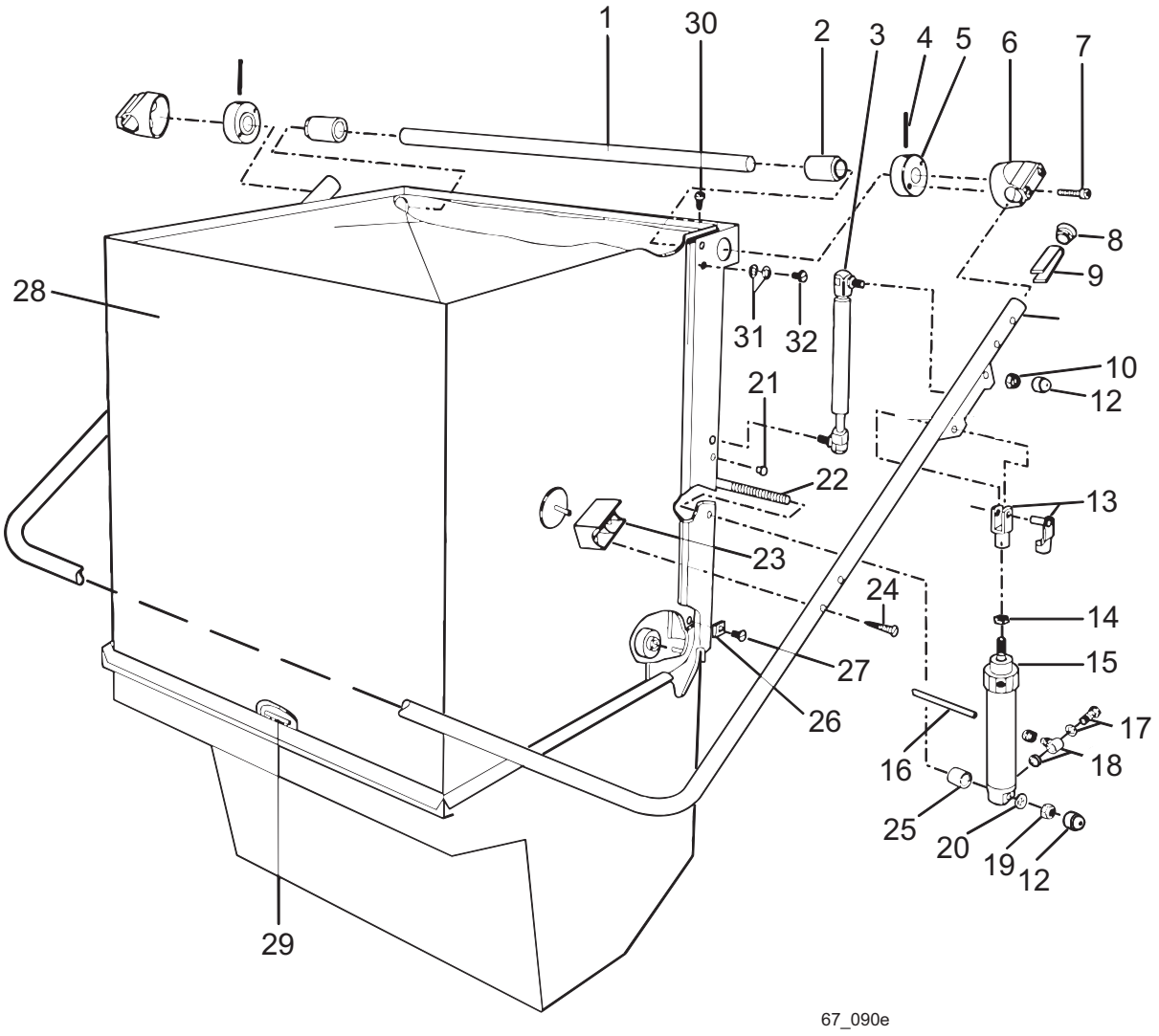
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Hood lift (WD-6EA, 7EH)								
1	401231				6EA		Shaft for hood lift WD-6	w04012,31
1	4147031				7EH		Shaft hoodlift WD7E/EH	w41470,31
2	4047731				6EA		Bearing lifting arm shaft	w40477,31
2	4148231				7EH		Bearing,liftingarm WD7E/EH	w41482,31
3					6EA,7EH		Gas spring 500N protection cap	w713,0514
4	5320750				6EA,7EH		Tubular pin FRP 6x45	w701,0417
5	5320754				6EA,7EH		Arm attachment WD6/7	w04013,31
6	5315272				6EA,7EH		Hinge cap WD6/7	w41226,31
7	5320752				6EA,7EH		Screw MC6S M6x35 A2	w700,0227
8	5315679				6EA,7EH		Plastic plug black SFL25	w718,0925
9	4039631				6EA,7EH		Lifting handle clamp	w40396,31
10					6EA		Lifting handle WD6	w39813,01
10	3360801				7EH		Lifting handle WD7	w33608,01
11					6EA,7EH		Nut M6M M8 A2	w700,0905
12	5320238				6EA,7EH		Nut cover	w718,1108
13					6EA,7EH		Fork link	w737,0150
14	7370153				6EA,7EH		Nut M6M M10x1.25 fzb	w737,0153
15	5315815				6EA		Cylinder 26x160 E2	w737,0170
15	5315816				7EH		Cylinder 36x160 WD7EH	w737,0180
16	5315858				6EA,7EH		Nylon tube 3911-0208	w737,0408
17	5315860				6EA,7EH		Coupling rapid 1440 1/8" , Cpl	w706,0920
					6EA,7EH		* Washer nylon 1610 1/8" red	w706,0921
18	5315861				6EA,7EH		Coupling rapid 1500 8/6-1/8" , Cpl	w706,0919
					6EA,7EH		* Washer nylon 5mm 1620 1/8" red	w706,0922
19	7021605				6EA		Locking nut M8	w702,1605
19					7EH		Locking nut M10 NV16 fzb	w702,1606
20	5315051				6EA		Washer 3072-35	w03072,35
20	5320193				7EH		Washer nylon M10	w701,0114

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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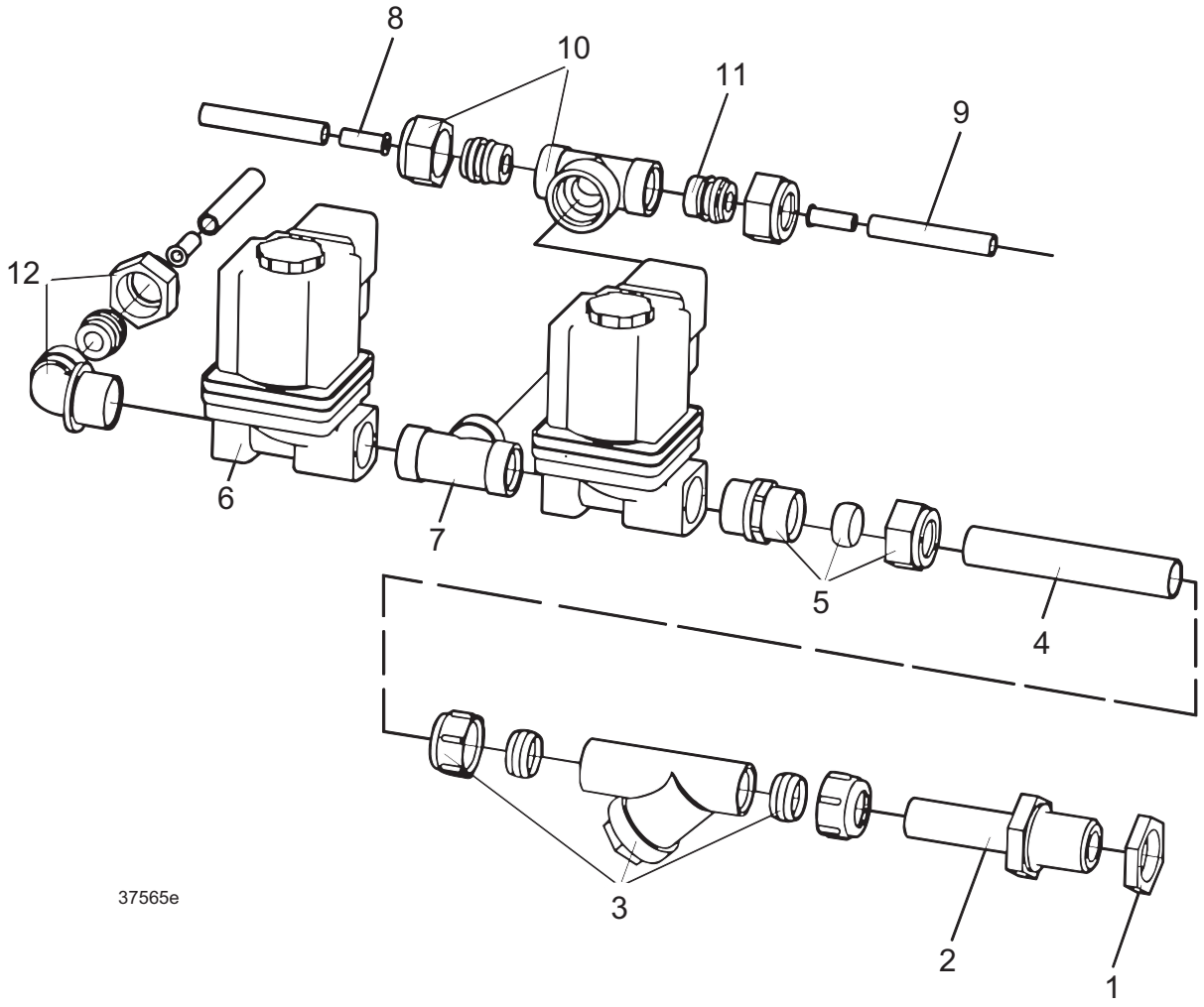
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Hood lift (WD-6EA, 7EH)								
21	7181007				6EA,7E H		Plug black 7mm	w718,1007
22	4115331				6EA		Cylinder attachment hood lift	w41153,31
22	4152931				7EH		Cylinder attachment WD7EH	w41529,31
23	5315270				6EA,7E H		Hood bearing WD6/7	w41223,31
24	5315268				6EA,7E H		Screw KFSS 4.8x38 A2	w700,0824
25	4115431				6EA		Distance sleeve hood lift WD6	w41154,31
25	4149931				7EH		Distance sleeve WD7EH	w41499,31
26	4001631				6EA,7E H		Sliding block insul hood WD6/7	w40016,31
27					6EA,7E H		Screw MFS M4x6 A2	w700,0408
28					6EA		Hood WD6 insulated , Cpl	w01651,02
	4122431				6EA		* Sliding roller insul hood WD6/7	w41224,31
					6EA		* Screw MFS M4x6 A2	w700,0408
28	147101				7EH		Hood complete WD7E/EH , Cpl	w01471,01
	4122431				7EH		* Sliding roller insul hood WD6/7	w41224,31
					7EH		* Screw MFS M4x6 A2	w700,0408
29	5315359				6EA,7E H		Magnet 6x24	w6021983 0
30	7000714				6EA,7E H		Screw CSS 4,2x9,5 A2	w700,0714
31					6EA,7E H		Washer BRB 4.3x9 A2	w700,1201
32					6EA,7E H		Screw MRX 4x6 A4	wACS121 333

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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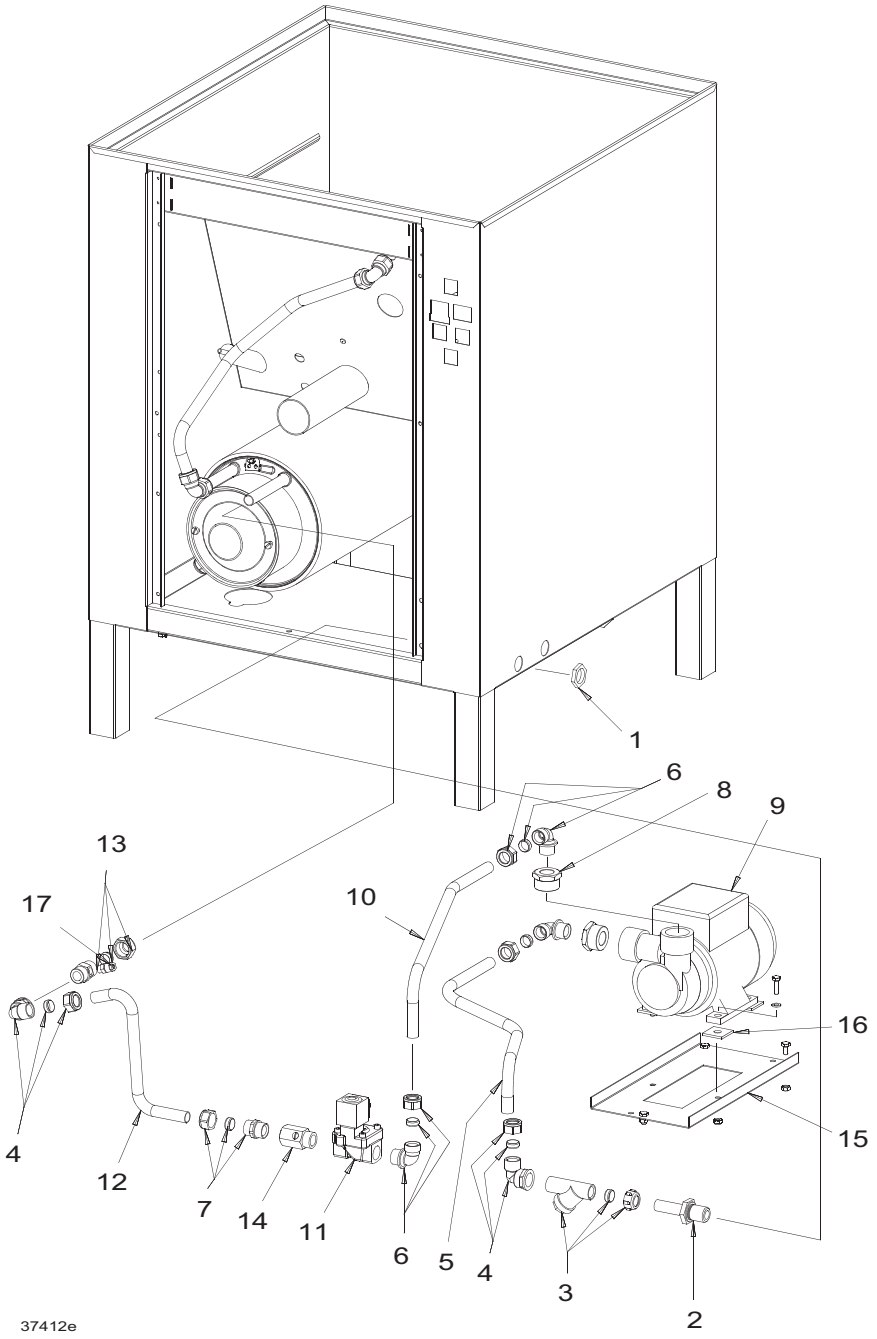
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Solenoid valve´s hood lift (WD-6EA, 7EH)								
1					6EA,7E H		Nut R ½"	w706,0203
2					6EA,7E H		Nipple water connection WD6/7	w705,1002
3					6EA,7E H		Strainer C15xC15 (0.15) , Cpl	w709,1801
	5320200				6EA,7E H		* Clamping sleeve	w705,0405
	5320198				6EA,7E H		* Nut LK 63-15	w705,0205
4	4264131				6EA,7E H		Pipe inlet WD6/7	w42641,31
5	5320204				6EA,7E H		Coupling straigth 15x15 MF , Cpl	w705,0914
					6EA,7E H		* Clamping sleeve 15mm	w705,0420
					6EA,7E H		* Nut 15mm	w705,0315
6					6EA,7E H		Solenoid valve, housing	w729,2540
6					6EA,7E H		Coil 230/50-60 6kW	w729,2503
7					6EA,7E H		Coupling T-tube out	w705,2206
8	7050101				6EA,7E H		Supporting sleeve fpl 720 8x1.0	w705,0101
9	5315858				6EA,7E H		Nylon tube 3911-0208	w737,0408
10					6EA,7E H		Coupl.T-tube 15xR15x15int.thread , Cpl	w705,2408
					6EA,7E H		* Clamping sleeve 15mm	w705,0420
					6EA,7E H		* Nut 15mm cr	w705,0316
11					6EA,7E H		Clamping sleeve 15x8	w705,0428
12					6EA,7E H		Coupling ang.15xR15 MF out , Cpl	w705,1609
					6EA,7E H		* Clamping sleeve 15mm	w705,0420
					6EA,7E H		* Nut 15mm	w705,0315

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated
6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH
dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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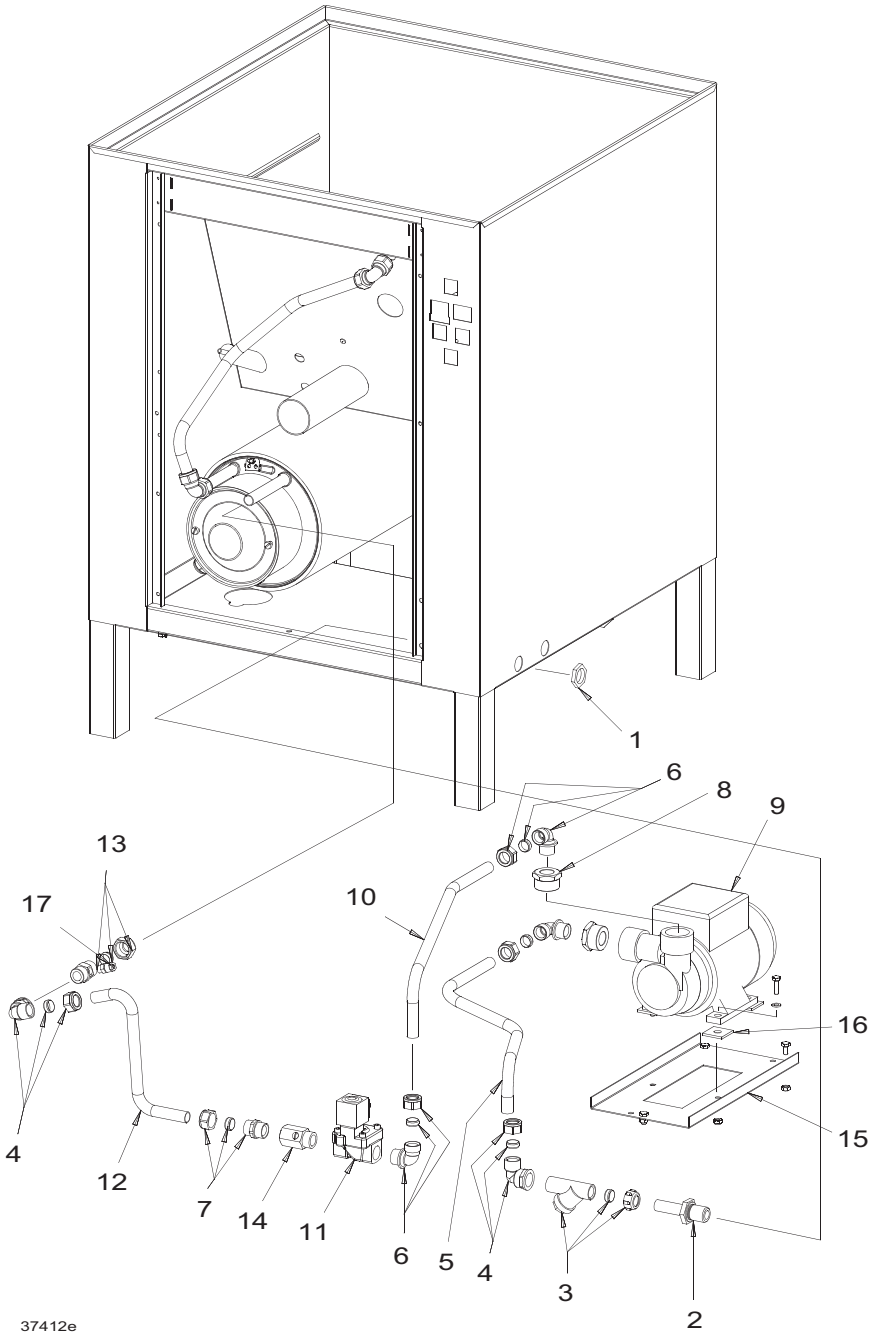
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump without re-suction protection (WD-6E, 7E) Accessory								
					6E,7E	bp	Booster pump kit WD6E/7E , Cpl	w741,0651 EB
1					6E,7E	bp	* Nut R ½"	w706,0203
2					6E,7E	bp	* Nipple water connection WD6/7	w705,1002
3					6E,7E	bp	* Strainer C15xC15 (0.30)	w709,1802
4	5315585				6E,7E	bp	* Coupling ang.15xR15 int.thread , Cpl	w705,1904
	5320200				6E,7E	bp	** Clamping sleeve	w705,0405
	5320198				6E,7E	bp	** Nut LK 63-15	w705,0205
4					6E,7E	bp	Coupling angeled Kit for addition-al mounting	w706,0405
4					6E,7E	bp	Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
5					6E,7E	bp	* Pipe suctionside WD6/7	w37418,31
5					6E,7E	bp	Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301
5					6E,7E	bp	Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
6					6E,7E	bp	* Coupling ang.15xR15 MF out , Cpl	w705,1609
					6E,7E	bp	** Clamping sleeve 15mm	w705,0420
					6E,7E	bp	** Nut 15mm	w705,0315
6	5320217				6E,7E	bp	Angel 3261015 Kit for additional mounting	w706,1503
6					6E,7E	bp	Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
7	5320204				6E,7E	bp	* Coupling straigth 15x15 MF , Cpl	w705,0914
					6E,7E	bp	** Clamping sleeve 15mm	w705,0420
					6E,7E	bp	** Nut 15mm	w705,0315
8					6E,7E	bp	* Muff 3231 1"-½"	w706,0302
9					6E,7E	bp	* Pump PQWm-60-BZ 230V/50Hz	w805,4001
10					6E,7E	bp	* Pipe pressureside	w37417,31
10					6E,7E	bp	Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301
10					6E,7E	bp	Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
11					6E,7E	bp	* Solenoid valve, housing	w729,2540
11					6E,7E	bp	* Coil 230/50-60 6kW	w729,2503
12					6E	bp	* Tube	w45094,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated
6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH
dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

Spare parts

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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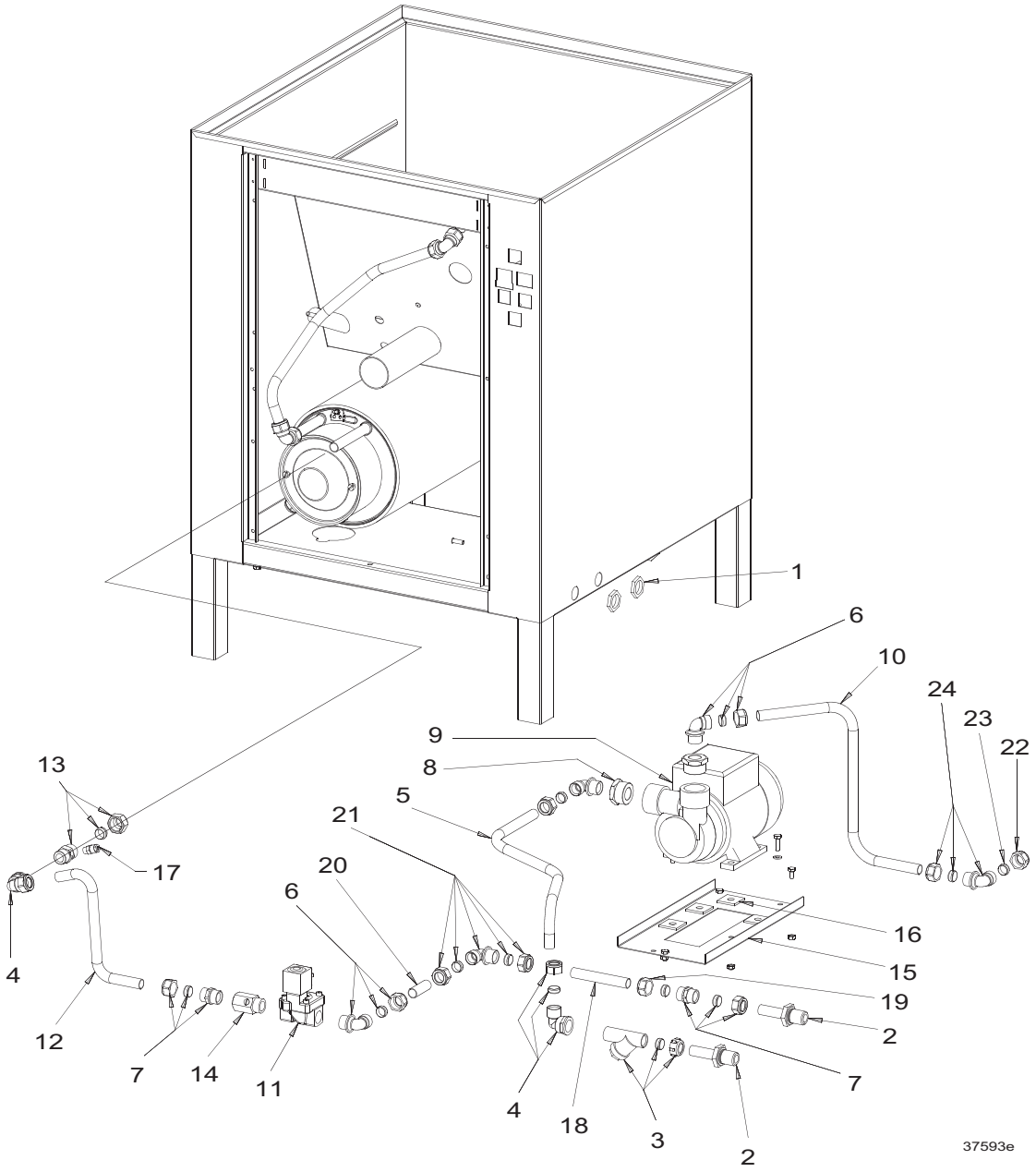
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump without re-suction protection (WD-6E, 7E) Accessory								
12					7E	bp	* Tube	w45094,32
13	5320088				6E,7E	bp	* Coupling GA-15xR½"	w04847,01
14	5315593				6E,7E	bp	* Ball valve ½" EVS-15	w709,0805
15	4259831				6E,7E	bp	* Bracket for booster-pump WD6/7	w42598,31
16	5320246				6E,7E	bp	* Rubber foot 30x30x3	w719,1330
17	5315588				6E,7E	bp	* Coupling rapid 1000 6/4-1/8"	w706,0902
					6E,7E	bp	* Screw M6S M6x20	w700,0115
	5320706				6E,7E	bp	* Washer BRB 6.4x12.5 A2	w700,1204
	5320722				6E,7E	bp	* Nut M6M M6 A2	w700,0904
					6E,7E	bp	* Locking nut LM DIN 985 M6 A2	w700,1404

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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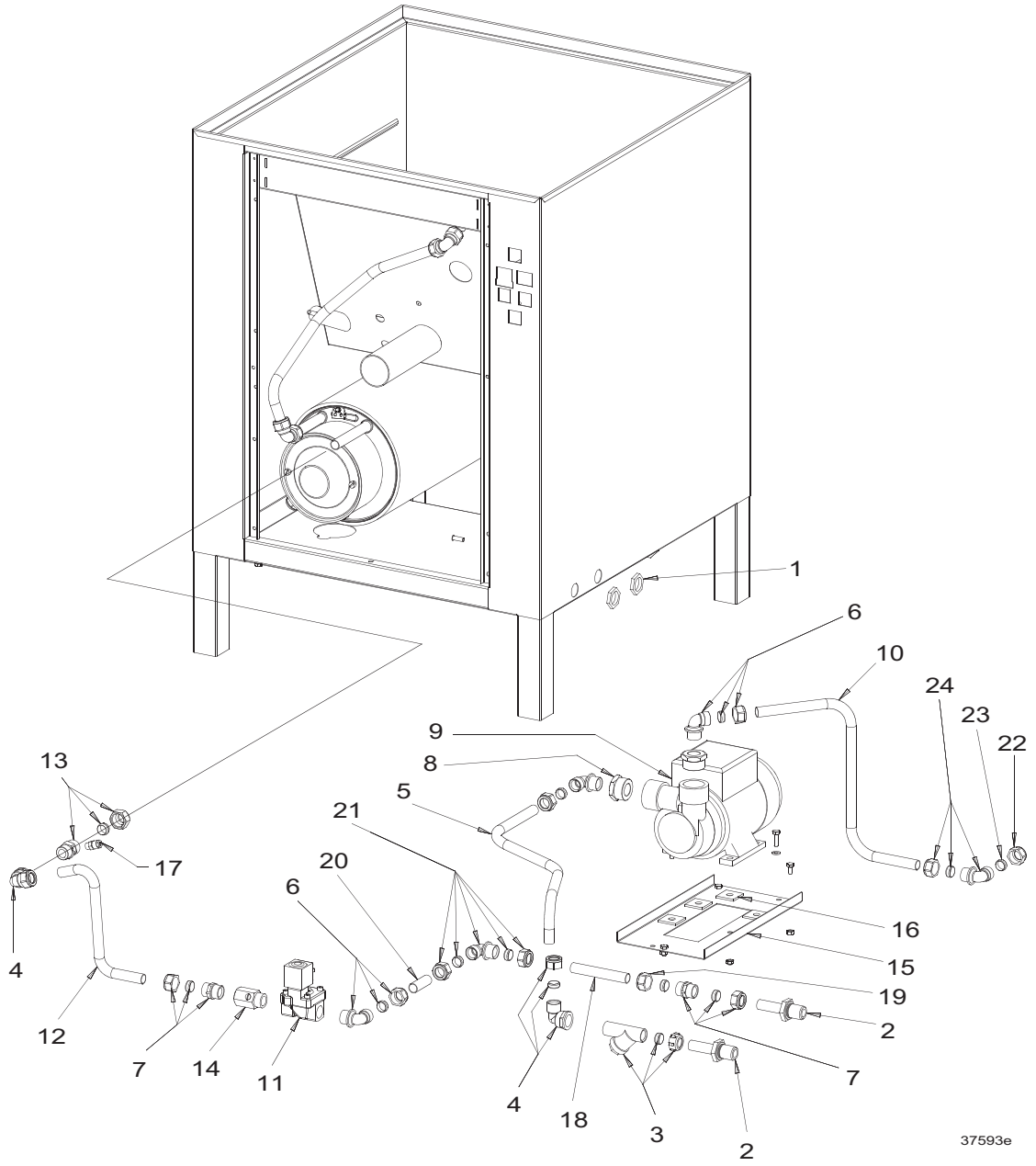
37593e

ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump with re-suction protection (WD-6E, 7E) Accessory								
					6E,7E	bp,re	Booster pump kit WD6E/7E , Cpl	w741,0651 EB
1					6E,7E	bp,re	* Nut R ½"	w706,0203
2					6E,7E	bp,re	* Nipple water connection WD6/7	w705,1002
3					6E,7E	bp,re	* Strainer C15xC15 (0.30)	w709,1802
4	5315585				6E,7E	bp,re	* Coupling ang.15xR15 int.thread , Cpl	w705,1904
	5320200				6E,7E	bp,re	** Clamping sleeve	w705,0405
	5320198				6E,7E	bp,re	** Nut LK 63-15	w705,0205
4					6E,7E	bp,re	Coupling angeled Kit for addition-al mounting	w706,0405
4					6E,7E	bp,re	Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
5					6E,7E	bp,re	* Pipe suctionside WD6/7	w37418,31
5					6E,7E	bp,re	Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301
5					6E,7E	bp,re	Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
6					6E,7E	bp,re	* Coupling ang.15xR15 MF out , Cpl	w705,1609
					6E,7E	bp,re	** Clamping sleeve 15mm	w705,0420
					6E,7E	bp,re	** Nut 15mm	w705,0315
6	5320217				6E,7E	bp,re	Angel 3261015 Kit for additional mounting	w706,1503
6					6E,7E	bp,re	Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
7	5320204				6E,7E	bp,re	* Coupling straigth 15x15 MF , Cpl	w705,0914
					6E,7E	bp,re	** Clamping sleeve 15mm	w705,0420
					6E,7E	bp,re	** Nut 15mm	w705,0315
8					6E,7E	bp,re	* Muff 3231 1"-½"	w706,0302
9					6E,7E	bp,re	* Pump PQWm-60-BZ 230V/50Hz	w805,4001
10					6E,7E	bp,re	* Pipe pressureside	w37417,31
10					6E,7E	bp,re	Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301
10					6E,7E	bp,re	Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
11					6E,7E	bp,re	* Solenoid valve, housing	w729,2540
11					6E,7E	bp,re	* Coil 230/50-60 6kW	w729,2503
12					6E	bp,re	* Tube	w45094,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated
6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH
dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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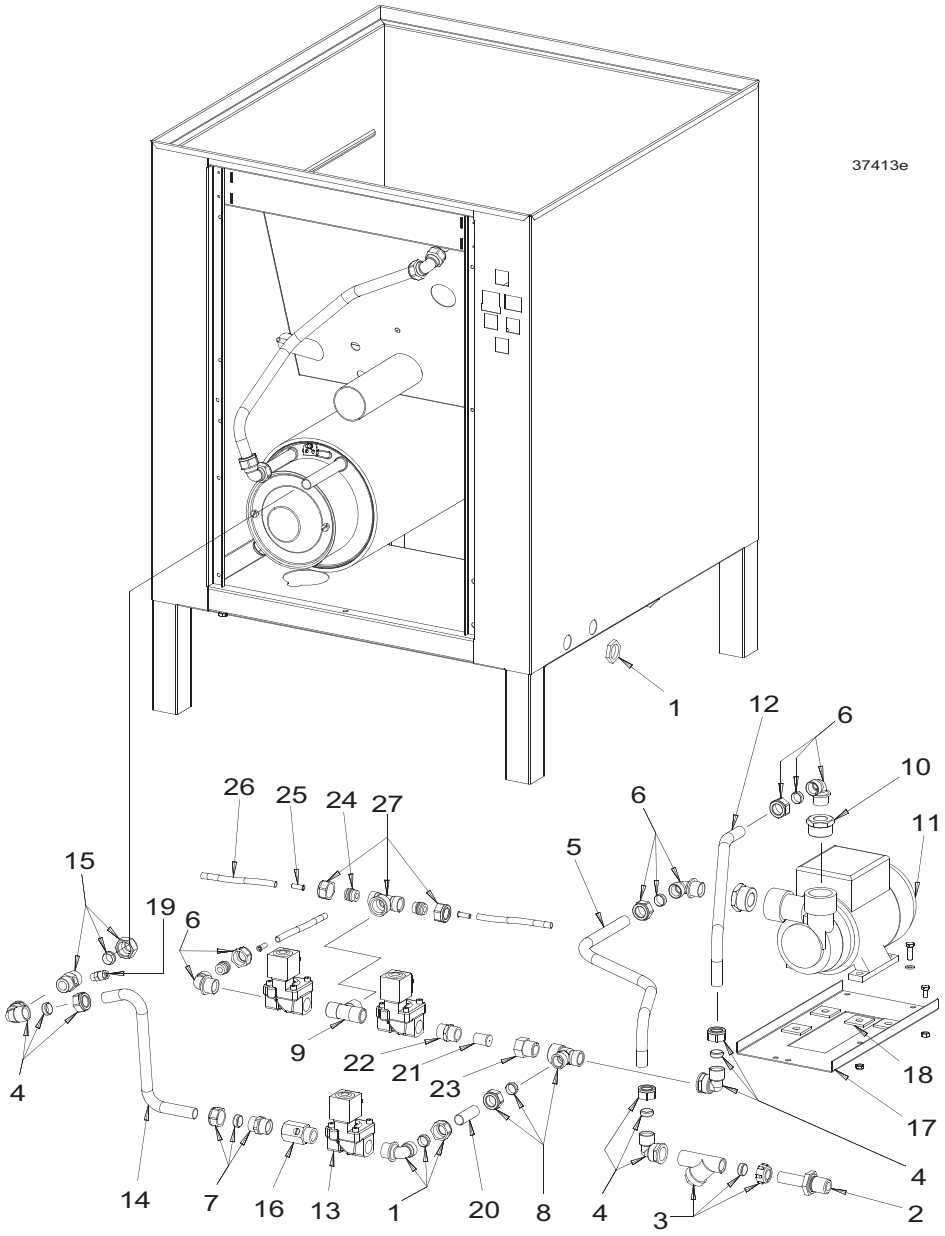
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump with re-suction protection (WD-6E, 7E) Accessory								
12					7E	bp,re	* Tube	w45094,32
13	5320088				6E,7E	bp,re	* Coupling GA-15xR½"	w04847,01
14	5315593				6E,7E	bp,re	* Ball valve ½" EVS-15	w709,0805
15	4259831				6E,7E	bp,re	* Bracket for booster-pump WD6/7	w42598,31
16	5320246				6E,7E	bp,re	* Rubber foot 30x30x3	w719,1330
17	5315588				6E,7E	bp,re	* Coupling rapid 1000 6/4-1/8"	w706,0902
					6E,7E	bp,re	* Screw M6S M6x20	w700,0115
	5320706				6E,7E	bp,re	* Washer BRB 6.4x12.5 A2	w700,1204
	5320722				6E,7E	bp,re	* Nut M6M M6 A2	w700,0904
					6E,7E	bp,re	* Locking nut LM DIN 985 M6 A2	w700,1404
18					6E,7E	bp,re	Pipe vacuum valve-booster pump	w42983,31
19					6E,7E	bp,re	Nut 15mm	w705,0315
20					6E,7E	bp,re	Inlet pipe Y1-boiler WD6/7	w44216,31
21	5320208				6E,7E	bp,re	Coupling angeled 15x15 brass , Cpl	w705,1205
					6E,7E	bp,re	* Clamping sleeve 15mm	w705,0420
					6E,7E	bp,re	* Nut 15mm	w705,0315
22					6E,7E	bp,re	Nut 15mm cr	w705,0316
23					6E,7E	bp,re	Clamping sleeve 15mm	w705,0420
24	5315583				6E,7E	bp,re	Coupling angeled ½" x 15 MF cr , Cpl	w705,1607
					6E,7E	bp,re	* Clamping sleeve 15mm	w705,0420
					6E,7E	bp,re	* Nut 15mm cr	w705,0316

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump without re-suction protection (WD-6EA, 7EH) Accessory								
	5315836				6EA,7EH	bp	Booster pump WD6EA/7EH , Cpl	w741,0651 EAB
1					6EA,7EH	bp	* Nut R ½"	w706,0203
2					6EA,7EH	bp	* Nipple water connection WD6/7	w705,1002
3					6EA,7EH	bp	* Strainer C15xC15 (0.15)	w709,1801
4	5315585				6EA,7EH	bp	* Coupling ang.15xR15 int.thread , Cpl	w705,1904
	5320200				6EA,7EH	bp	** Clamping sleeve	w705,0405
	5320198				6EA,7EH	bp	** Nut LK 63-15	w705,0205
4					6EA,7EH	bp	* Coupling angeled Kit for addi-tional mounting	w706,0405
4					6EA,7EH	bp	* Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
5					6EA,7EH	bp	* Pipe suctionside WD6/7	w37418,31
5					6EA,7EH	bp	* Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301
5					6EA,7EH	bp	* Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
6					6EA,7EH	bp	* Coupling ang.15xR15 MF out , Cpl	w705,1609
					6EA,7EH	bp	** Clamping sleeve 15mm	w705,0420
					6EA,7EH	bp	** Nut 15mm	w705,0315
6	5320217				6EA,7EH	bp	* Angel 3261015 Kit for additional mounting	w706,1503
6					6EA,7EH	bp	* Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
7	5320204				6EA,7EH	bp	* Coupling straigth 15x15 MF , Cpl	w705,0914
					6EA,7EH	bp	** Clamping sleeve 15mm	w705,0420
					6EA,7EH	bp	** Nut 15mm cr	w705,0316
8					6EA,7EH	bp	* Coupl.T-tube 15x15xR15int.thread , Cpl	w705,2704
					6EA,7EH	bp	** Clamping sleeve 15mm	w705,0420

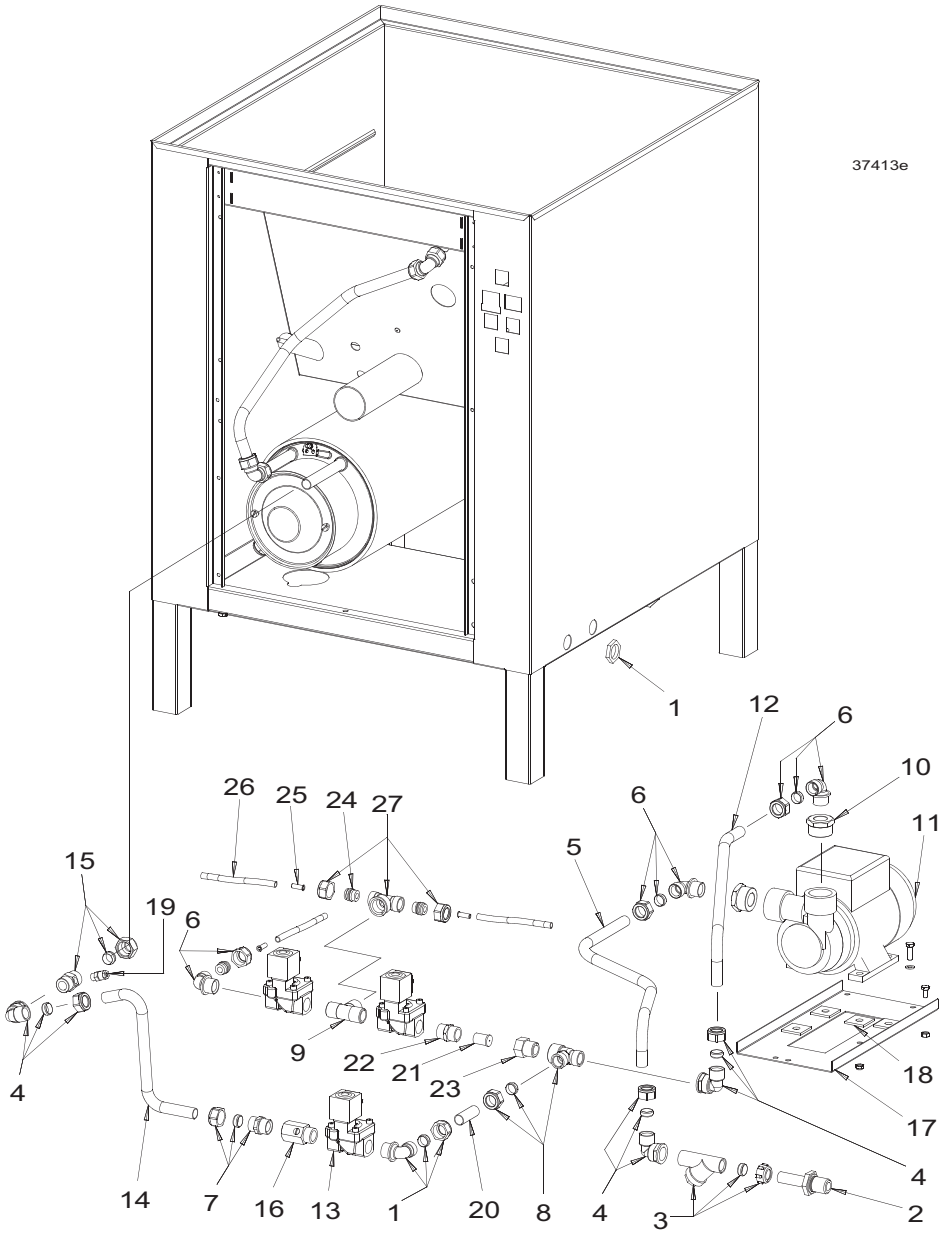
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
					6EA,7E H	bp	** Nut 15mm	w705,0315
9					6EA,7E H	bp	* Coupling T-tube out	w705,2206
10					6EA,7E H	bp	* Muff 3231 1"-½"	w706,0302
11					6EA,7E H	bp	* Pump PQWm-60-BZ 230V/50Hz	w805,4001
12					6EA,7E H	bp	* Pipe pressureside	w37416,31
12					6EA,7E H	bp	* Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump without re-suction protection (WD-6EA, 7EH) Accessory								
12					6EA,7E H	bp	* Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
13					6EA,7E H	bp	* Solenoid valve, housing	w729,2540
13					6EA,7E H	bp	* Coil 230/50-60 6kW	w729,2503
14					6EA	bp	* Tube	w45094,31
14					7EH	bp	* Tube	w45094,32
15	5320088				6EA,7E H	bp	* Coupling GA-15xR½"	w04847,01
16	5315593				6EA,7E H	bp	* Ball valve ½" EVS-15	w709,0805
17	4259831				6EA,7E H	bp	* Bracket for booster-pump WD6/7	w42598,31
18	5320246				6EA,7E H	bp	* Rubber foot 30x30x3	w719,1330
19	5315588				6EA,7E H	bp	* Coupling rapid 1000 6/4-1/8"	w706,0902
20					6EA,7E H	bp	* Inlet pipe Y1-boiler WD6/7	w44216,31
21	4116132				6EA,7E H	bp	* Restrictor booster-pump WD6/7	w41161,32
22	5320216				6EA,7E H	bp	* Nipple ½"	w706,0803
23					6EA,7E H	bp	* Nipple 3237 ½"x½"	w706,0702
24					6EA,7E H	bp	* Clamping sleeve 15x8	w705,0428
25	7050101				6EA,7E H	bp	* Supporting sleeve fpl 720 8x1.0	w705,0101
26	5315858				6EA,7E H	bp	* Nylon tube 3911-0208	w737,0408
27					6EA,7E H	bp	* Coupl.T-tube 15xR15x15int.thread , Cpl	w705,2408
					6EA,7E H	bp	** Clamping sleeve 15mm	w705,0420
					6EA,7E H	bp	** Nut 15mm cr	w705,0316
					6EA,7E H	bp	* Locking nut LM DIN 985 M6 A2	w700,1404
					6EA,7E H	bp	* Screw M6S M6x20	w700,0115
	5320706				6EA,7E H	bp	* Washer BRB 6.4x12.5 A2	w700,1204

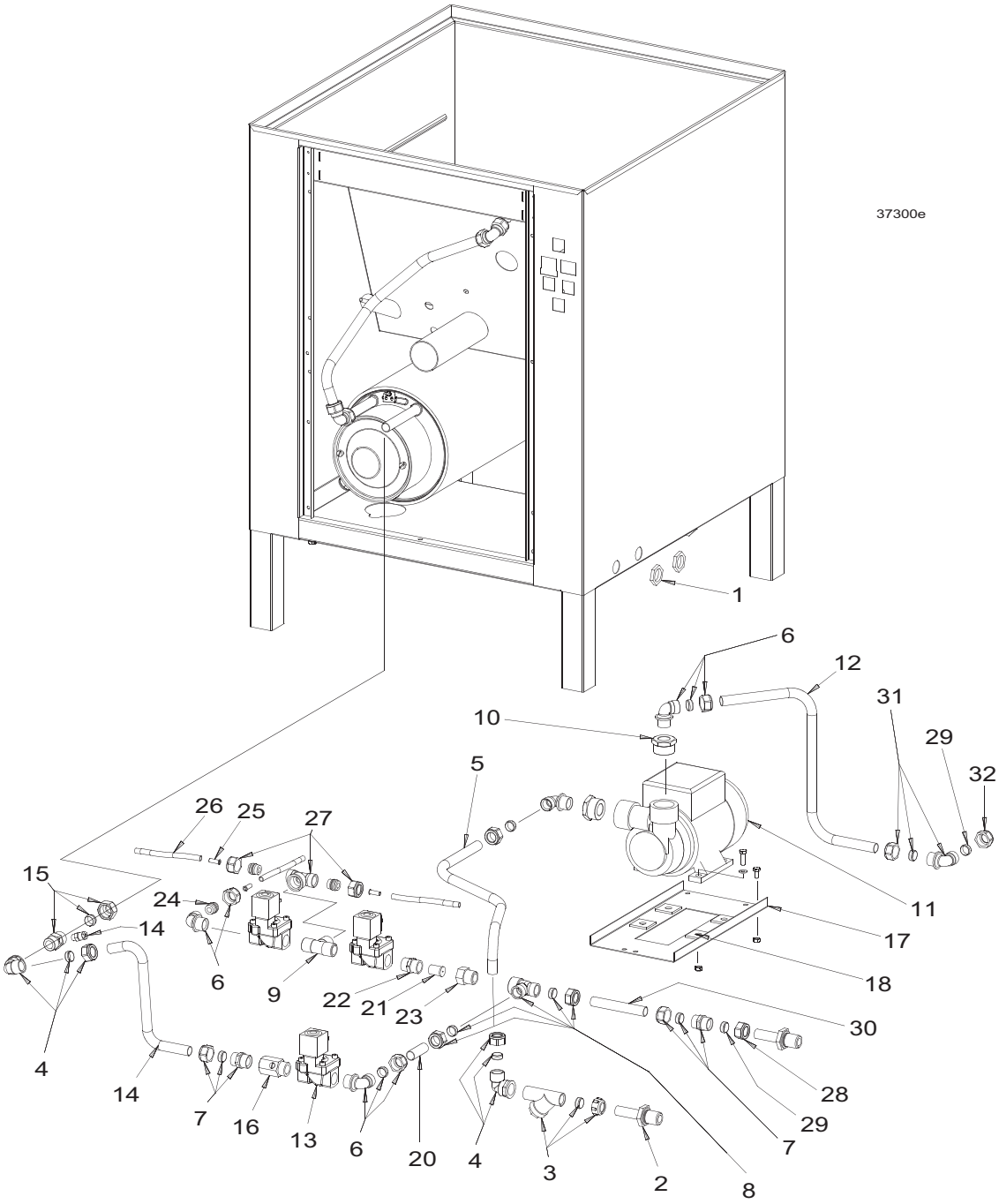
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
	5320722				6EA,7E H	bp	* Nut M6M M6 A2	w700,0904

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump with re-suction protection (WD-6EA, 7EH) Accessory								
	5315836				6EA,7EH	bp,re	Booster pump WD6EA/7EH , Cpl	w741,0651 EAB
1					6EA,7EH	bp,re	* Nut R ½"	w706,0203
2					6EA,7EH	bp,re	* Nipple water connection WD6/7	w705,1002
3					6EA,7EH	bp,re	* Strainer C15xC15 (0.15)	w709,1801
4	5315585				6EA,7EH	bp,re	* Coupling ang.15xR15 int.thread , Cpl	w705,1904
	5320200				6EA,7EH	bp,re	** Clamping sleeve	w705,0405
	5320198				6EA,7EH	bp,re	** Nut LK 63-15	w705,0205
4					6EA,7EH	bp,re	* Coupling angeled Kit for addi-tional mounting	w706,0405
4					6EA,7EH	bp,re	* Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
5					6EA,7EH	bp,re	* Pipe suctionside WD6/7	w37418,31
5					6EA,7EH	bp,re	* Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301
5					6EA,7EH	bp,re	* Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
6					6EA,7EH	bp,re	* Coupling ang.15xR15 MF out , Cpl	w705,1609
					6EA,7EH	bp,re	** Clamping sleeve 15mm	w705,0420
					6EA,7EH	bp,re	** Nut 15mm	w705,0315
6	5320217				6EA,7EH	bp,re	* Angel 3261015 Kit for additional mounting	w706,1503
6					6EA,7EH	bp,re	* Hose nipple 3414/15 2174217 Kit for additional mounting	w706,1803
7	5320204				6EA,7EH	bp,re	* Coupling straigth 15x15 MF , Cpl	w705,0914
					6EA,7EH	bp,re	** Clamping sleeve 15mm	w705,0420
					6EA,7EH	bp,re	** Nut 15mm cr	w705,0316
8					6EA,7EH	bp,re	* Coupl.T-tube 15x15xR15int.thread , Cpl	w705,2704
					6EA,7EH	bp,re	** Clamping sleeve 15mm	w705,0420

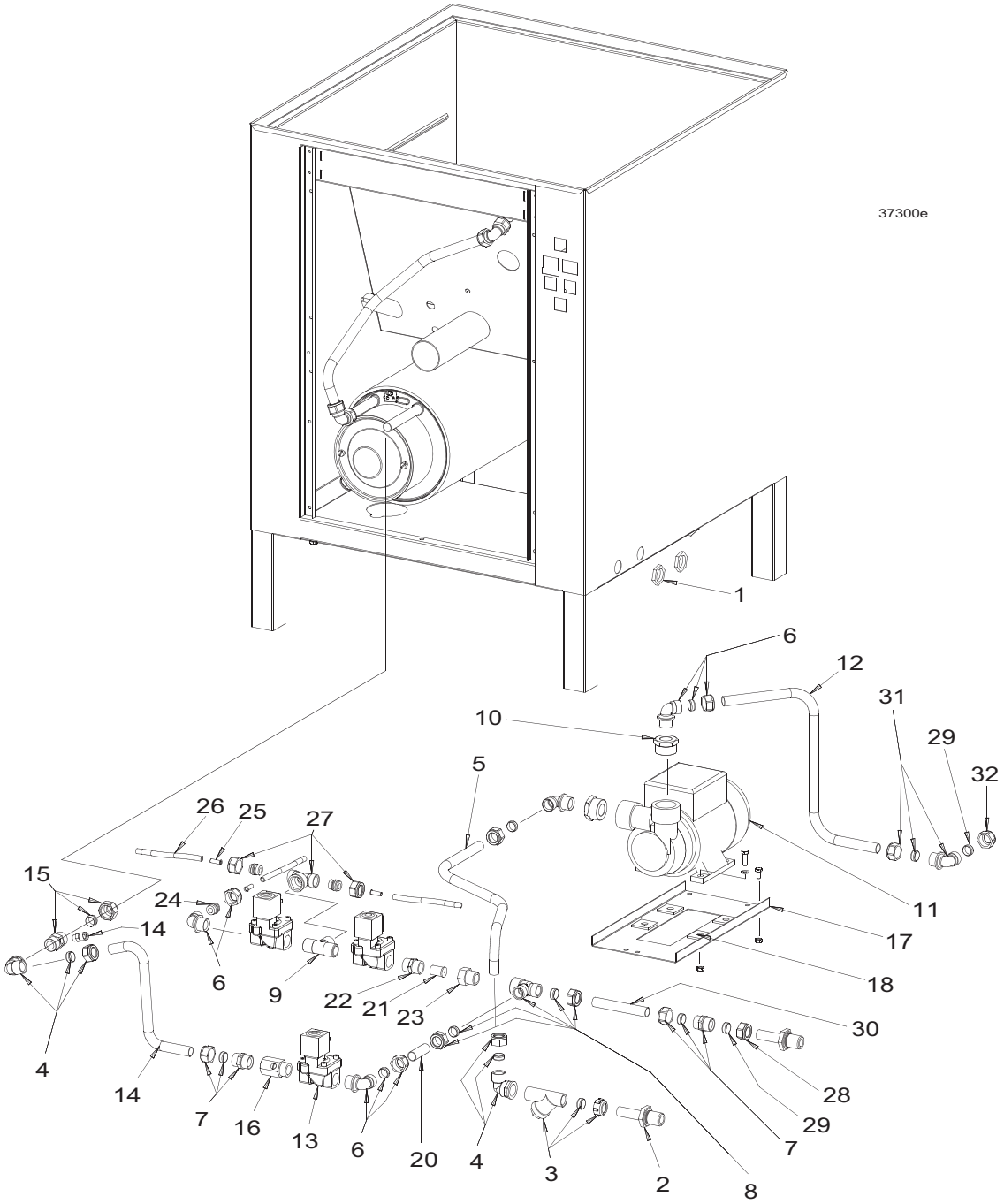
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
					6EA,7E H	bp,re	** Nut 15mm	w705,0315
9					6EA,7E H	bp,re	* Coupling T-tube out	w705,2206
10					6EA,7E H	bp,re	* Muff 3231 1"-½"	w706,0302
11					6EA,7E H	bp,re	* Pump PQWm-60-BZ 230V/50Hz	w805,4001
12					6EA,7E H	bp,re	* Pipe booster pump-vacuum valve	w36418,31
12					6EA,7E H	bp,re	* Hose BIOVAST 13x5 NBR Kit for additional mounting	w717,0301

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump with re-suction protection (WD-6EA, 7EH) Accessory								
12					6EA,7E H	bp,re	* Hose clamp 12-22/9 W2 Kit for additional mounting	w714,0103
13					6EA,7E H	bp,re	* Solenoid valve, housing	w729,2540
13					6EA,7E H	bp,re	* Coil 230/50-60 6kW	w729,2503
14					6EA	bp,re	* Tube	w45094,31
14					7EH	bp,re	* Tube	w45094,32
15	5320088				6EA,7E H	bp,re	* Coupling GA-15xR½"	w04847,01
16	5315593				6EA,7E H	bp,re	* Ball valve ½" EVS-15	w709,0805
17	4259831				6EA,7E H	bp,re	* Bracket for booster-pump WD6/7	w42598,31
18	5320246				6EA,7E H	bp,re	* Rubber foot 30x30x3	w719,1330
19	5315588				6EA,7E H	bp,re	* Coupling rapid 1000 6/4-1/8"	w706,0902
20					6EA,7E H	bp,re	* Inlet pipe Y1-boiler WD6/7	w44216,31
21	4116132				6EA,7E H	bp,re	* Restrictor booster-pump WD6/7	w41161,32
22	5320216				6EA,7E H	bp,re	* Nipple ½"	w706,0803
23					6EA,7E H	bp,re	* Nipple 3237 ½"x½"	w706,0702
24					6EA,7E H	bp,re	* Clamping sleeve 15x8	w705,0428
25	7050101				6EA,7E H	bp,re	* Supporting sleeve fpl 720 8x1.0	w705,0101
26	5315858				6EA,7E H	bp,re	* Nylon tube 3911-0208	w737,0408
27					6EA,7E H	bp,re	* Coupl.T-tube 15xR15x15int.thread , Cpl	w705,2408
					6EA,7E H	bp,re	** Clamping sleeve 15mm	w705,0420
					6EA,7E H	bp,re	** Nut 15mm cr	w705,0316
					6EA,7E H	bp,re	* Locking nut LM DIN 985 M6 A2	w700,1404
					6EA,7E H	bp,re	* Screw M6S M6x20	w700,0115
	5320706				6EA,7E H	bp,re	* Washer BRB 6.4x12.5 A2	w700,1204

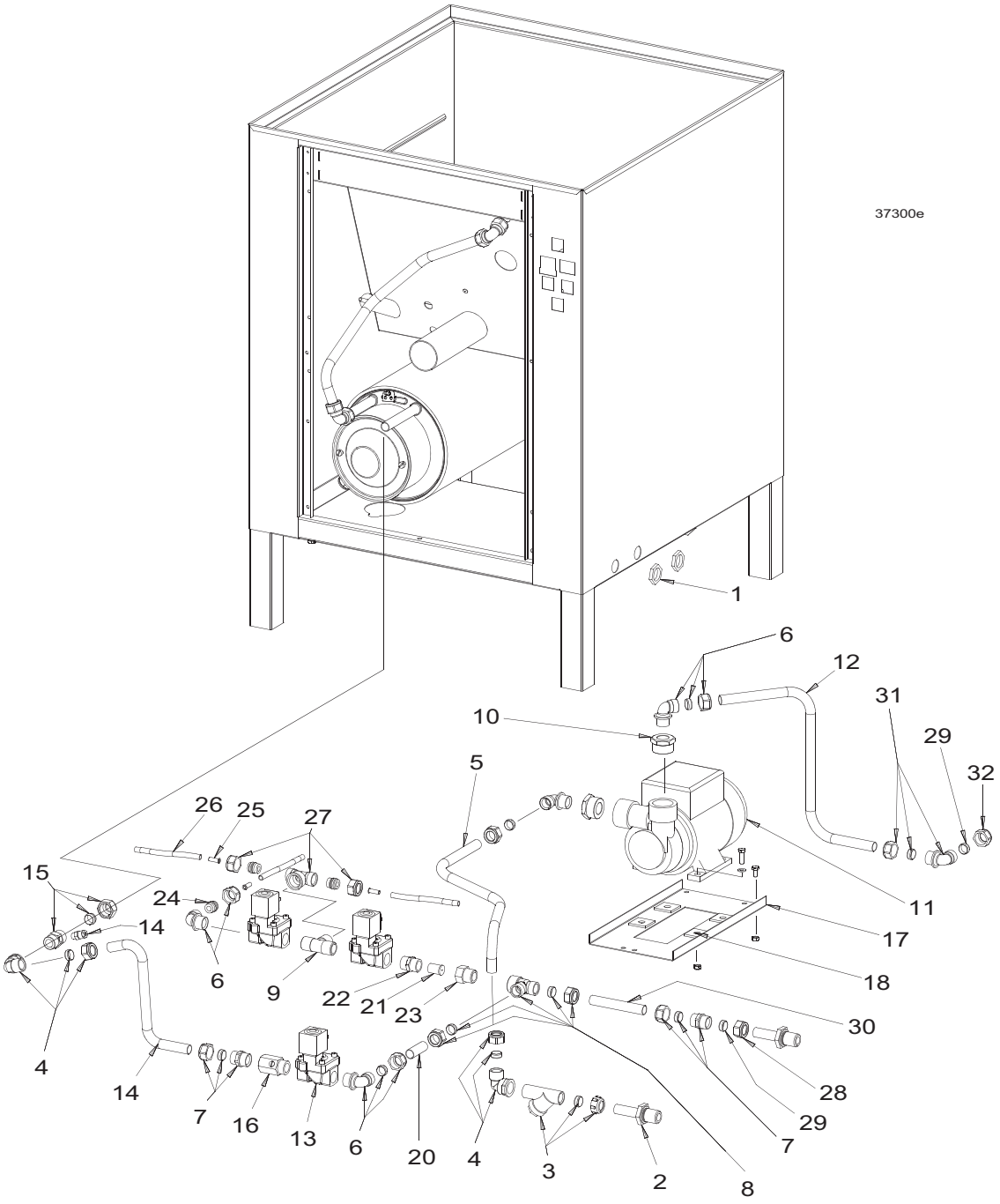
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
	5320722				6EA,7E H	bp,re	* Nut M6M M6 A2	w700,0904
28					6EA,7E H	bp,re	Nut 15mm	w705,0315
29					6EA,7E H	bp,re	Clamping sleeve 15mm	w705,0420
30					6EA,7E H	bp,re	Pipe vacuum valve-booster pump	w42983,31
31	5315583				6EA,7E H	bp,re	Coupling angeled ½" x 15 MF cr , Cpl	w705,1607
					6EA,7E H	bp,re	* Clamping sleeve 15mm	w705,0420
					6EA,7E H	bp,re	* Nut 15mm cr	w705,0316

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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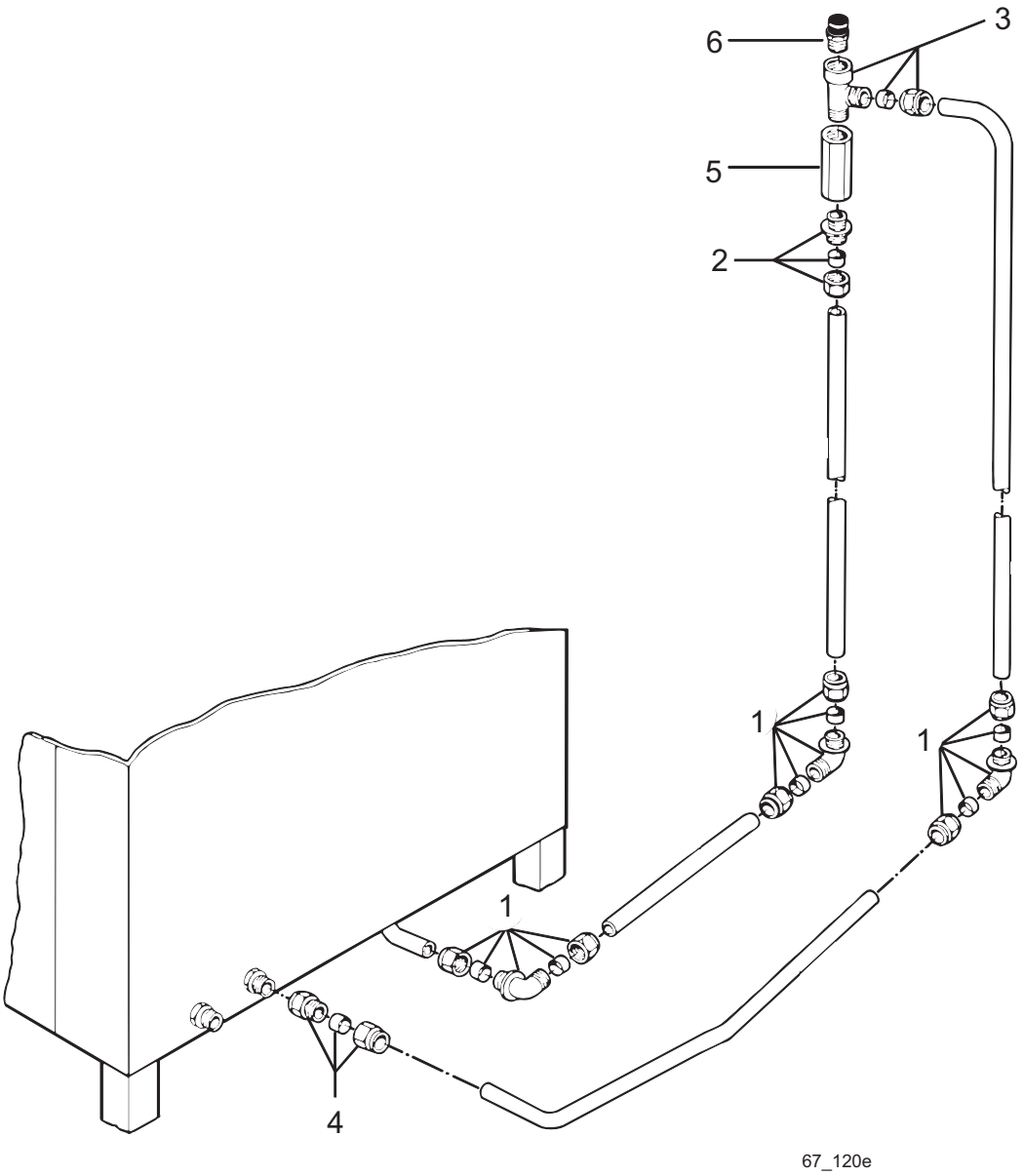
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Booster pump with re-suction protection (WD-6EA, 7EH) Accessory								
					6EA,7EH	bp,re	Nut 15mm cr	w705,0316

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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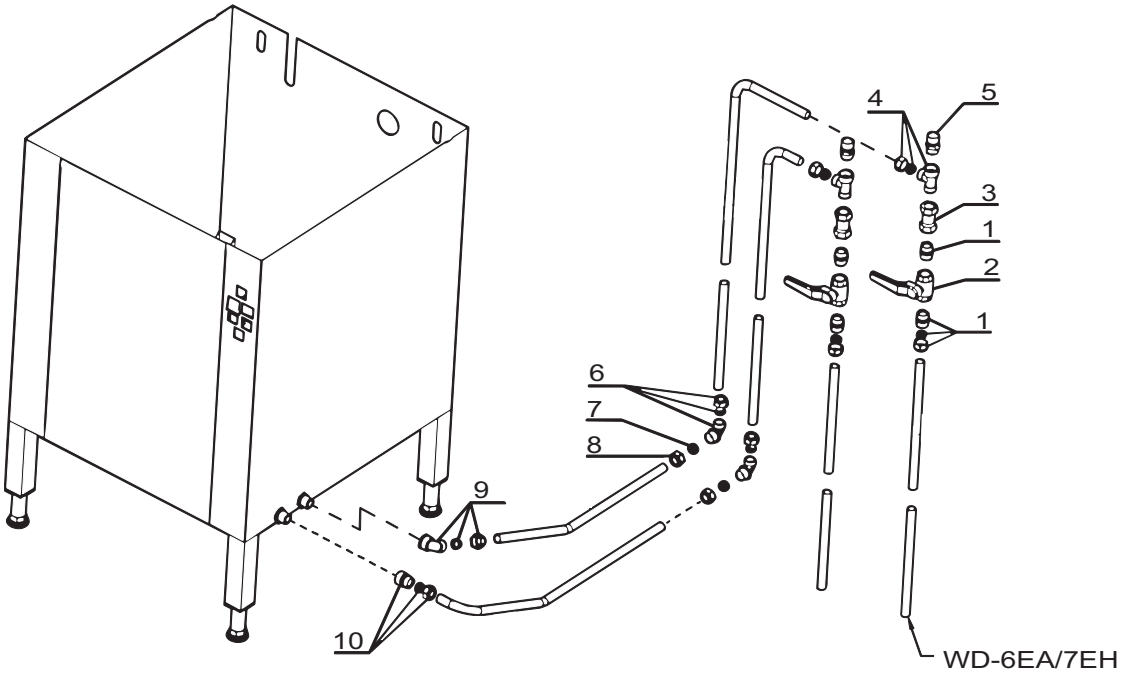
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Re-suction protection with booster pump (WD-6E, 6EA, 7E, 7EH) Accessory								
1	5315583				6E,6EA ,7E,7E H	bp,re	Coupling angeled ½" x 15 MF cr , Cpl	w705,1607
					6E,6EA ,7E,7E H	bp,re	* Clamping sleeve 15mm	w705,0420
					6E,6EA ,7E,7E H	bp,re	* Nut 15mm cr	w705,0316
2	5315581				6E,6EA ,7E,7E H	bp,re	Coupling straight 15x15 MF cr , Cpl	w705,0912
					6E,6EA ,7E,7E H	bp,re	* Clamping sleeve 15mm	w705,0420
					6E,6EA ,7E,7E H	bp,re	* Nut 15mm cr	w705,0316
3	5315580				6E,6EA ,7E,7E H	bp,re	T-coupling 15x15x r15 cr , Cpl	w705,2703
					6E,6EA ,7E,7E H	bp,re	* Clamping sleeve 15mm	w705,0420
					6E,6EA ,7E,7E H	bp,re	* Nut 15mm cr	w705,0316
4					6E,6EA ,7E,7E H	bp,re	Coupl.straight 15xR15 int. tread cr , Cpl	w705,1008
					6E,6EA ,7E,7E H	bp,re	* Clamping sleeve 15mm	w705,0420
					6E,6EA ,7E,7E H	bp,re	* Nut 15mm cr	w705,0316
5	5320225				6E,6EA ,7E,7E H	bp,re	Non return valve	w709,6305
6	5320002				6E,6EA ,7E,7E H	bp,re	Vacuum valve	w709,1506

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated
6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH
dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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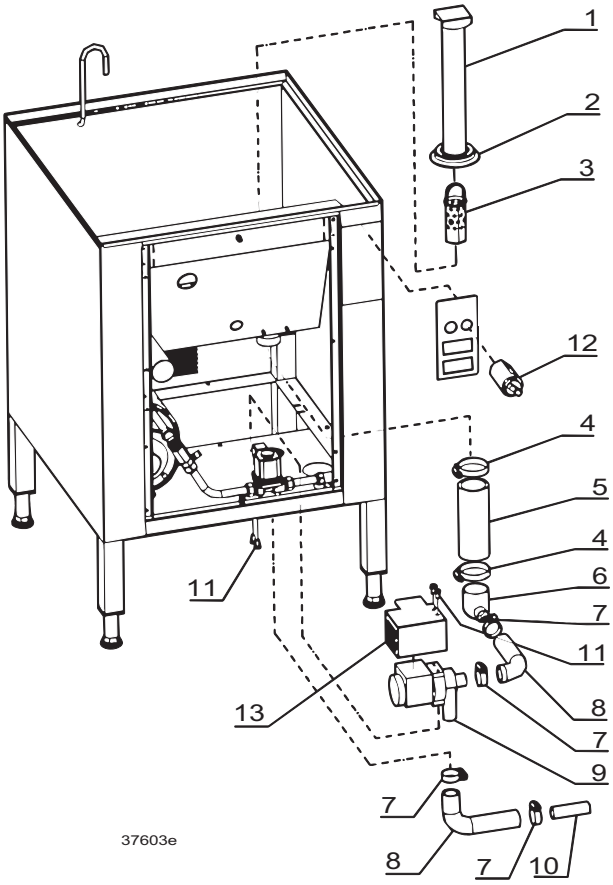
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Re-suction protection without booster pump Accessory								
1	5315581					re	Coupling straight 15x15 MF cr , Cpl	w705,0912
						re	* Clamping sleeve 15mm	w705,0420
						re	* Nut 15mm cr	w705,0316
2						re	Ball valve steam BEULCO BA107-15	w709,0605
3	5320225					re	Non return valve	w709,6305
4	5315580					re	T-coupling 15x15x r15 cr , Cpl	w705,2703
						re	* Clamping sleeve 15mm	w705,0420
						re	* Nut 15mm cr	w705,0316
5	5320002					re	Vacuum valve	w709,1506
6	5315583					re	Coupling angeled ½" x 15 MF cr , Cpl	w705,1607
						re	* Clamping sleeve 15mm	w705,0420
						re	* Nut 15mm cr	w705,0316
7						re	Clamping sleeve 15mm	w705,0420
8						re	Nut 15mm cr	w705,0316
9					6EA,7EH	re	Coupling ang.15xR15 int.thread cr , Cpl	w705,1903
					6EA,7EH	re	* Clamping sleeve 15mm	w705,0420
					6EA,7EH	re	* Nut 15mm cr	w705,0316
10						re	Coupl.straight 15xR15 int. tread cr , Cpl	w705,1008
						re	* Clamping sleeve 15mm	w705,0420
						re	* Nut 15mm cr	w705,0316

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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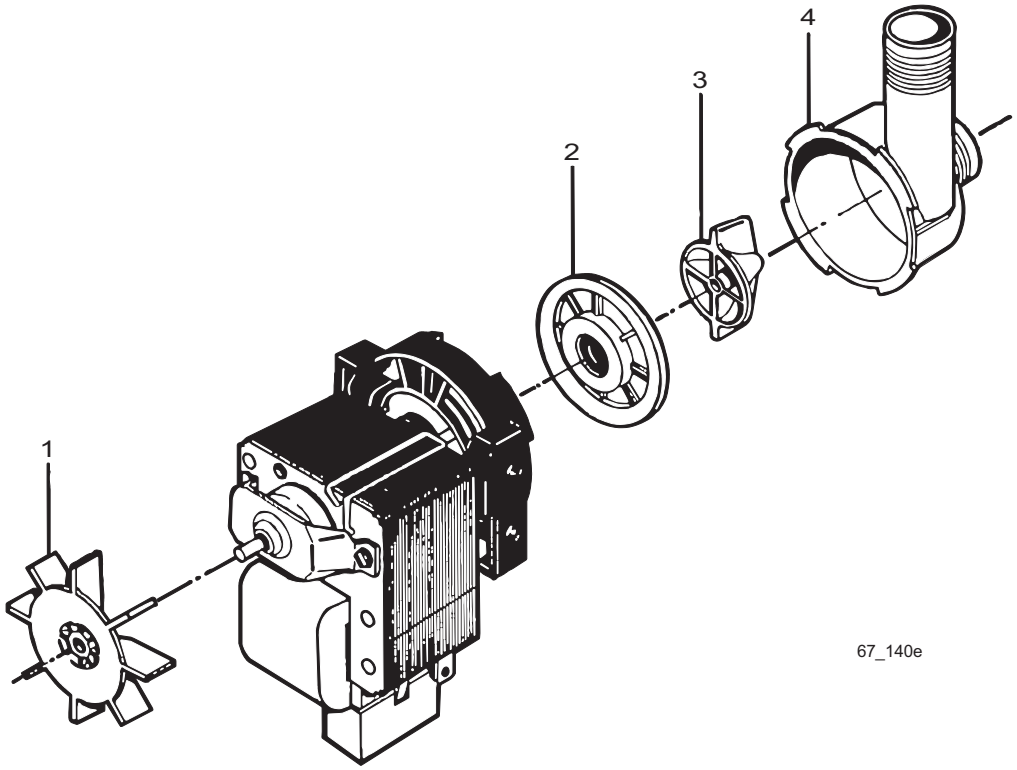
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Emptying pump Accessory								
	5315834				6	dp	Emptying pump kit WD6	w741,0655 B
					6E,7E	dp	Emptying pump kit WD6E/7E	w741,0655 EB
	5315108				6EA,7E H	dp	Emptying pump kit WD6EA/7EH	w741,0655 EAB
1						dp	* Level pipe emptying pump WD6/ 7	w32435,01
2	5315699					dp	* Level pipe sealing	w719,4036
3						dp	* Strainer emptying pump WD6/7	w31748,01
4	5320016					dp	* Hose clamp 50-70/12	w714,0111
5	5320235					dp	* Radiator hose ø50-1000mm	w717,0150
6	5320024					dp	* Drain connection empt.pump	w04224,01
7	5320020					dp	* Hose clamp 22-32/12	w714,0106
8	5315697					dp	* Rubber bend 60x120x25	w719,4030
9	5320022					dp	* Pump BE28B4 220/50/1	w735,0301
10						dp	* Pump connection empt.pump	w04703,31
11						dp	* Screw M6S M6x10 A2	w700,0111
12					6	dp	* Switch	w671,8229
13						dp	Cover emptying pump	w38087,31

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz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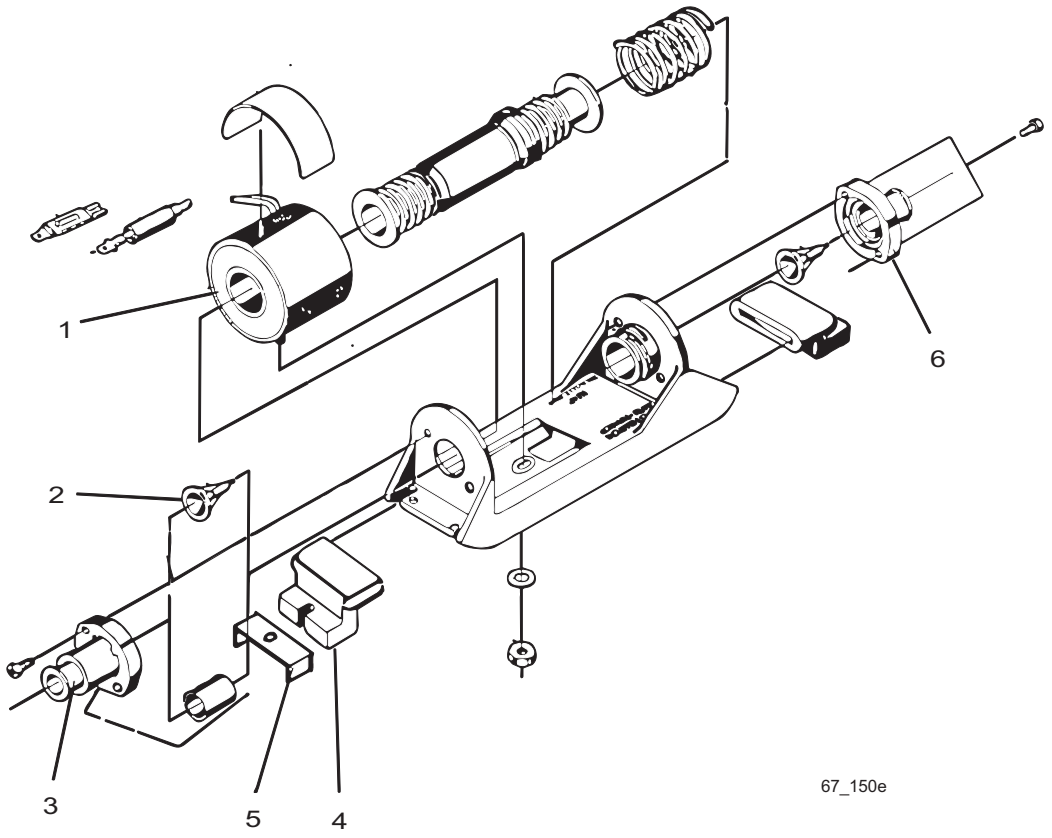
ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Emptying pump BE28 Accessory								
	5320022					dp	Pump BE28B4 220/50/1	w735,0301
1	5315809					dp	* Fan BE28 403011	w735,0302
2	5315811					dp	* Sealing kit BE28 401012	w735,0304
3	5320032					dp	* Impeller BE28	w735,0303
4	5320034					dp	* Pump housing BE28 403005	w735,0305

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz


1
2
3
5
4
6
67_150e

ID	Code	Date from	Date to	Mod-el	Type	Ac-ces sor y	Description	P-code
Module:Detergent pump GRI Accessory								
	5316075						Detergent pump GRI 14825 , Cpl	w716,0501
1	5320036						* Coil 14822.029	w716,0503
2	5320038						* Valve 12099-007	w716,0508
3	5315674						* Hose nipple 11973.000	w716,0506
4							* Rubber foot 11248-000	w716,0507
5							* Clamp detergent pump WD6/7	w41115,32
6							* Hose nipple 0.2815467.006	w716,0506

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz

10. Technical specifications

44138 .....

42736 .....

44432 .....

E51823r8 .....

E52916r4 .....

E52917r5 .....

E52987r5 .....

E52994r5 .....

E53429r8 .....

E53438r4 .....

E53439r7 .....

E53510r4 .....

E53579r2 .....

E53627r8 .....

E53830r3 .....

E53895r8 .....

E53896r11 .....

E54335r3 .....

E54336r2 .....

E54351r3 .....

E54352r3 .....

E54353r1 .....

E54354r3 .....

E54812r2 .....

E54924r3 .....

E54926r4 .....

E55812r1 .....

E55813r1 .....

E56077r1 .....

E56297 .....

Installations drawing (WD-6).....

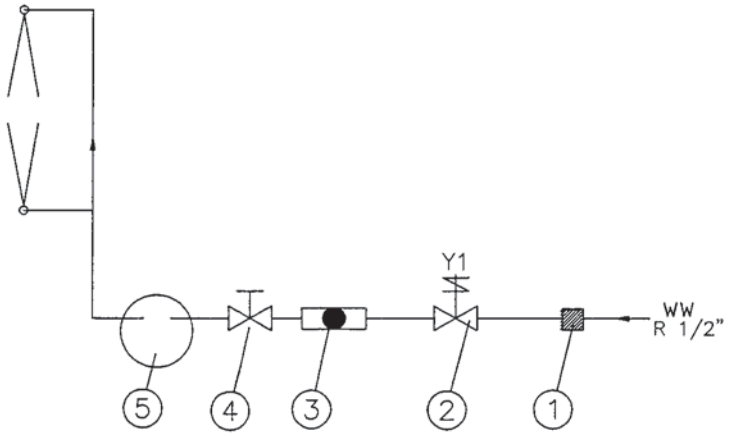
Installations drawing (WD-6E, WD-6EA)

Installations drawing (WD-7E).....

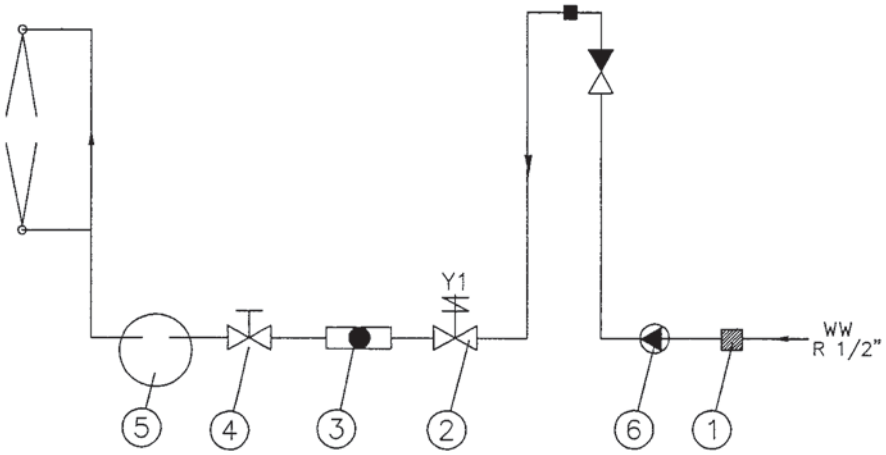
Installations drawing (WD-7EH).....

Nr	Ant.	Ändring och/eller medd.-nr	Datum	Inf	Godk.

STANDARD DESIGN



WITH BOOSTER PUMP



1. STRAINER 1/2"
2. SOLENOID VALVE DANFOSS EVSI
3. OUTLET DRYING AGENT DOSING
4. BALL VALVE
5. BOOSTER HEATER
6. BOOSTER PUMP

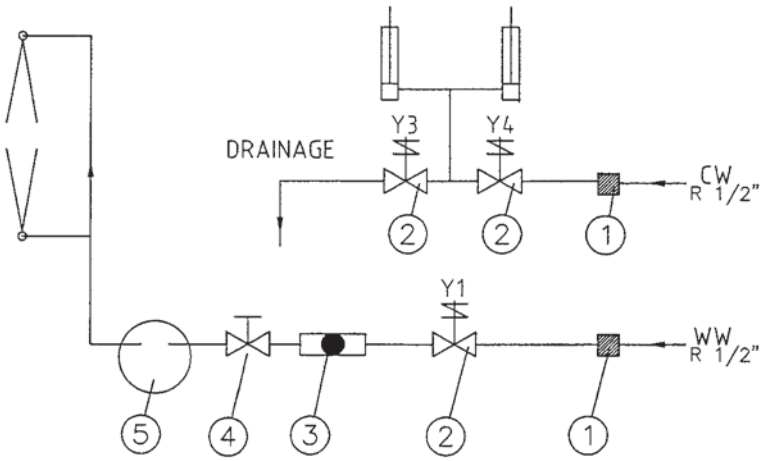
Det.-nr	Ant	Benämning	Material	Ytbehandling	Dimension/Art.-nr

Konstr.	Ritad	Generell toleranss SS-ISO 2768	Kontr.	Reg.-nr	Godk.	Skala	Ersätter	Ersatt av

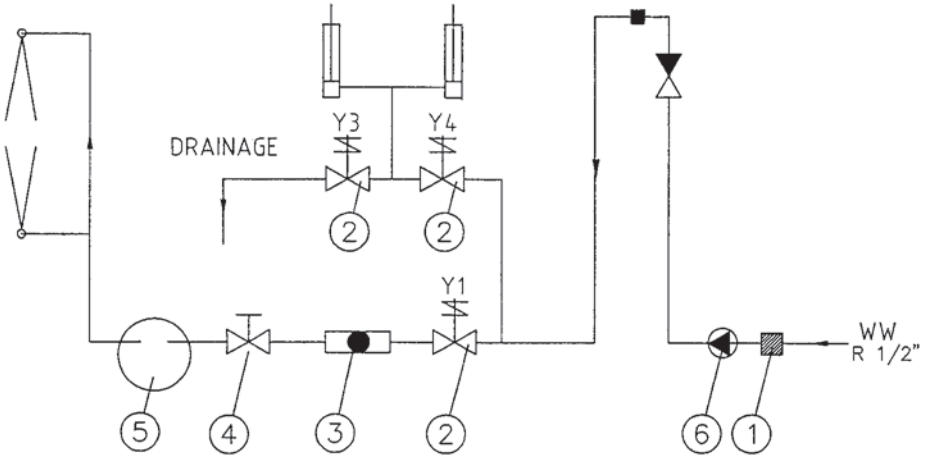
Wexiödisk AB 0470–771200	FLOW DIAGRAM WD-6/6E, WD-7E	Filnamn	Dat.
		Ritn.-nr 44138	Rev.

Nr	Ant.	Ändring och/eller medd.-nr	Datum	Inf.	Godk.

STANDARD DESIGN

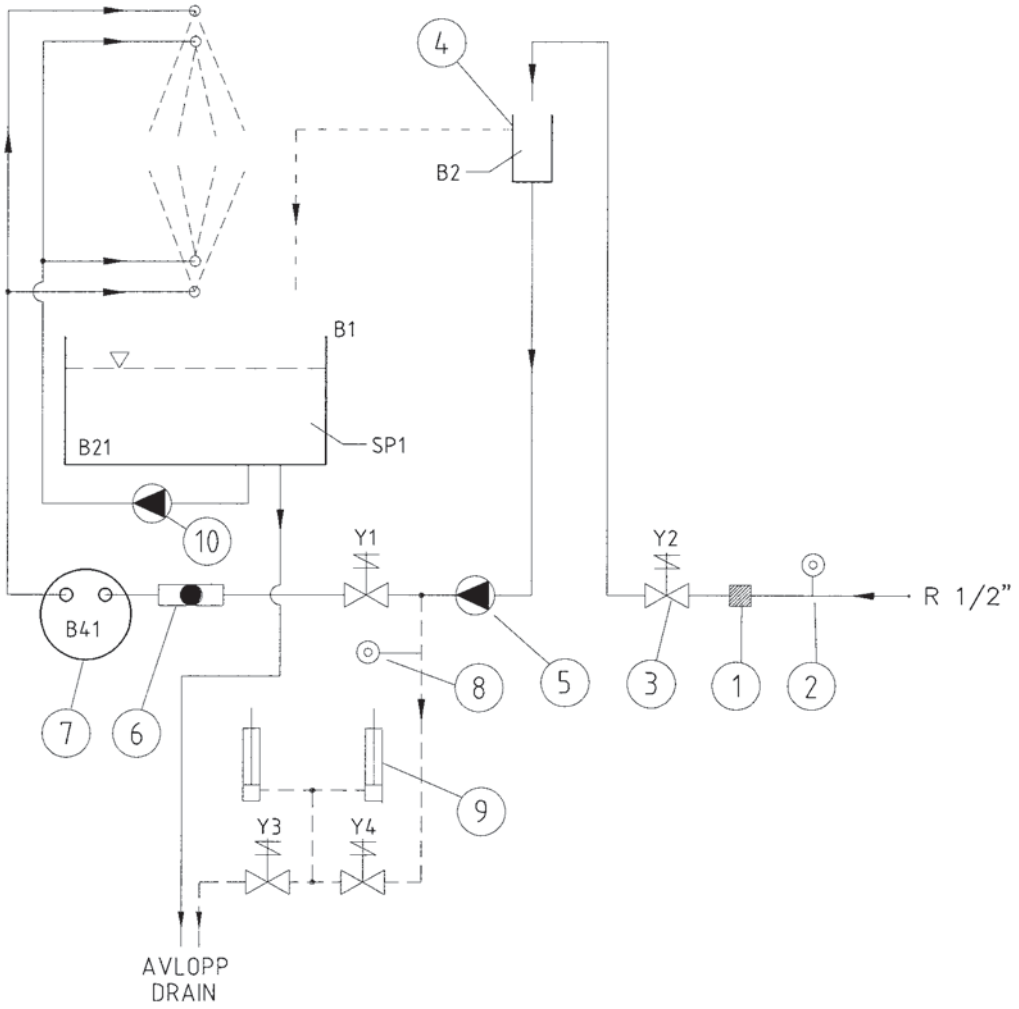


WITH BOOSTER PUMP



1. STRAINER 1/2"
2. SOLENOID VALVE DANFOSS EVSI
3. OUTLET DRYING AGENT DOSING
4. BALL VALVE
5. BOOSTER HEATER
6. BOOSTER PUMP

Det.-nr	Ant.	Benämning	Material	Ytbehandling	Dimension/Art.-nr
Konstr.	Ritad	Generell tolerans SS-ISO 2768	Kontr.	Reg.-nr	Godk.	Skala	Ersätter	Ersatt av
Wexiödisk AB 0470–771200	FLOW DIAGRAM WD-6 EA/7EH				Filnamn	Dat.
					Ritn.-nr 42736	Rev.



— — ÖVERRINNING PÅFYLLNINGSBEHÅLLARE
WASTE FILLER BASE

– – – – WD–6EA/7EH

1 FILTER R 1/2"	1 FILTER R 1/2"
2 STRYPNING	2 RESTRICTOR
3 MAGNETVENTIL	3 SOLENOID VALVE
4 PÅFYLLNINGSBEHÅLLARE	4 FILLER BASE
5 SLUTSKÖLJNINGSPUMP	5 FINAL RINSE PUMP
6 ANSLUTNING TORKMEDELSDOSERING	6 CONNECTION DRYING AGENT
7 GENOMSTRÖMMARE	7 BOOSTER HEATER
8 STRYPHYLSA	8 RESTRICTOR
9 CYLINDER HUVLYFT	9 CYLINDER HOOD LIFT
10 DISKPUMP	10 WASH PUMP

Det.-nr	Ant.	Benämning	Material	Ytbehandling	Dimension/Art.-nr

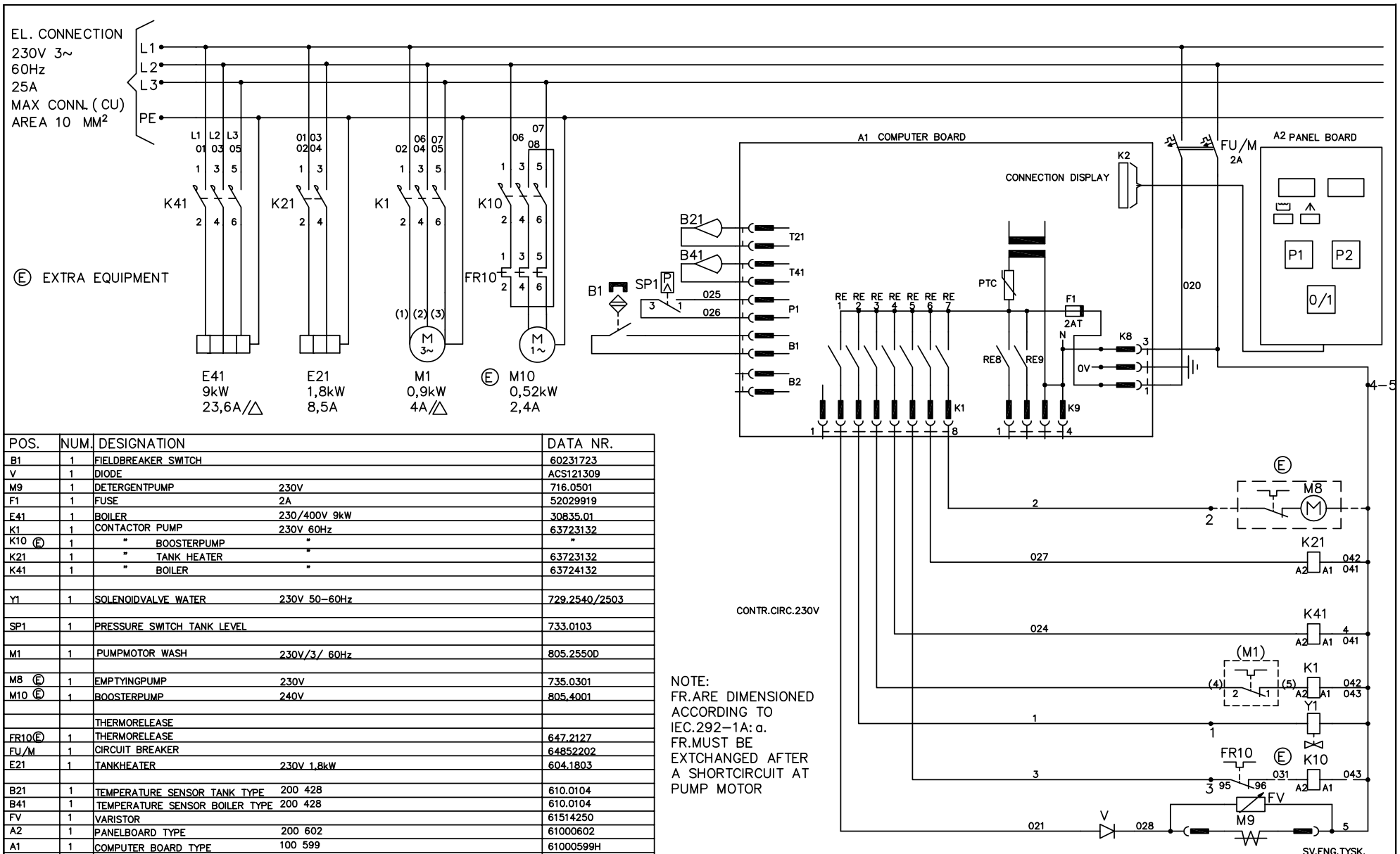
Konstr	Ritad	Generell tolerans SS-ISO 2768	Kontr.	Reg.-nr	Godk	Skala	Ersätter	Ersatt av
AH	AH			4.0		1:1		

Wexiödisk AB
0470–771200

FLÖDESSCHEMA AIRGAP
FLOW DIAGRAM AIRGAP
WD-6/7

Filnamn	Dat.
44432	020315

Ritn.-nr	Rev
44432	



POS.	NUM.	DESIGNATION		DATA NR.
B1	1	FIELDBREAKER SWITCH		60231723
V	1	DIODE		ACS121309
M9	1	DETERGENTPUMP	230V	716.0501
F1	1	FUSE	2A	52029919
E41	1	BOILER	230/400V 9kW	30835.01
K1	1	CONTACTOR PUMP	230V 60Hz	63723132
K10 Ⓔ	1	" BOOSTERPUMP	"	"
K21	1	" TANK HEATER	"	63723132
K41	1	" BOILER	"	63724132
Y1	1	SOLENOIDVALVE WATER	230V 50–60Hz	729.2540/2503
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
M1	1	PUMPMOTOR WASH	230V/3/ 60Hz	805.2550D
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M10 Ⓔ	1	BOOSTERPUMP	240V	805.4001
		THERMORELEASE		
FR10 Ⓔ	1	THERMORELEASE		647.2127
FU/M	1	CIRCUIT BREAKER		64852202
E21	1	TANKHEATER	230V 1,8kW	604.1803
B21	1	TEMPERATURE SENSOR TANK TYPE	200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER TYPE	200 428	610.0104
FV	1	VARISTOR		61514250
A2	1	PANELBOARD TYPE	200 602	61000602
A1	1	COMPUTER BOARD TYPE	100 599	61000599H
	1	E–PROM.	350 183	61000183

NOTE:
FR.ARE DIMENSIONED ACCORDING TO IEC.292–1A: a.
FR.MUST BE EXTCHANGED AFTER A SHORTCIRCUIT AT PUMP MOTOR

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
6		NY Y1. IMPELLER INFÖRD	040127	TM	PAAH	8		TERMOUTLÖSARE FR1 UTGÅR	041104	TM	PAAH
5		FU/M TILLK.FR.033094	030515	CJF	PAA	7		NY PUMP M1	040826	TM	PAAH

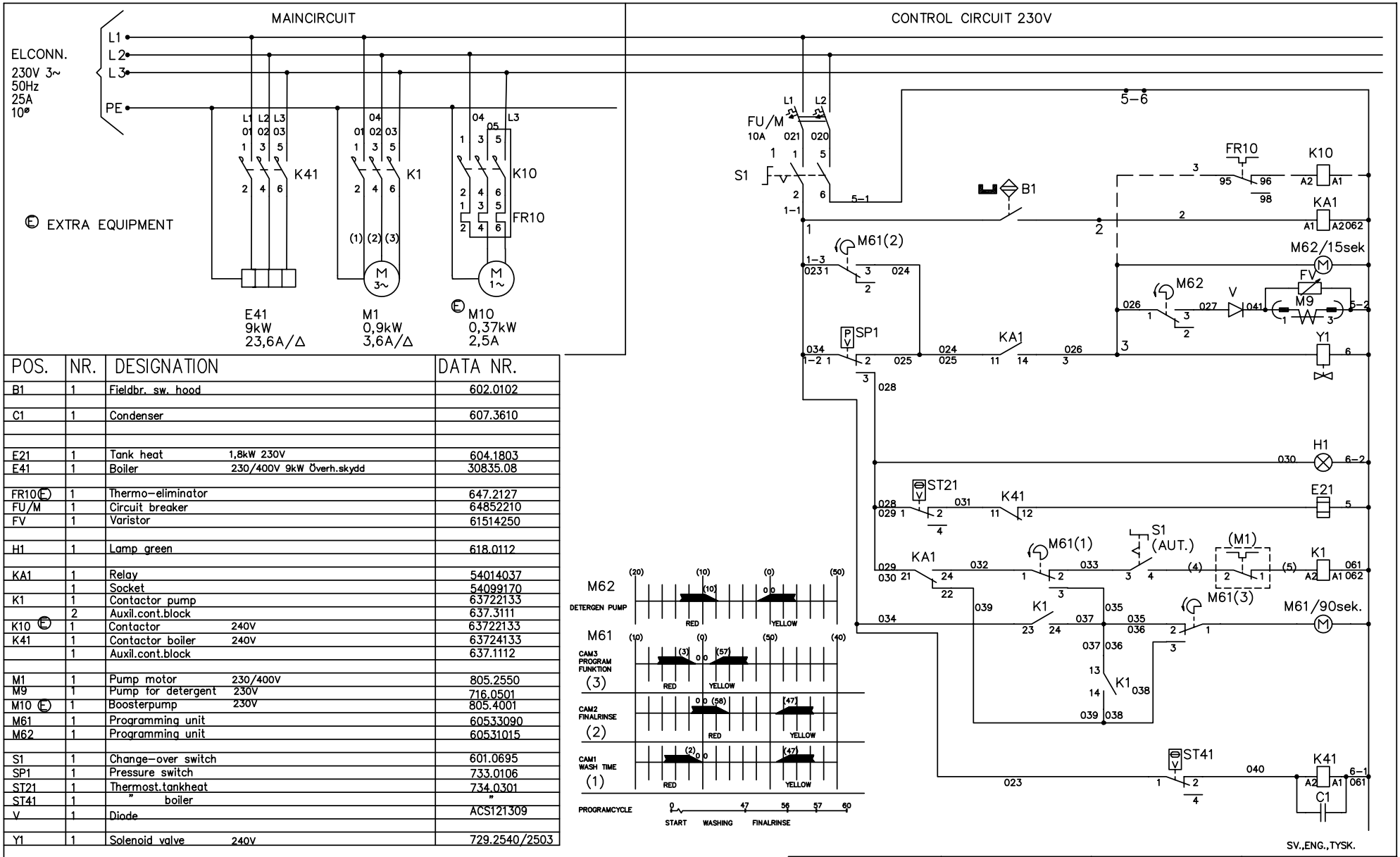
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	941060		

Wexiödisk AB
0470–771200

BENÄMNING	REG.	DAT.	RITAD
WD–6E 230V 3~ 60Hz EL.DIAGRAM	4, 0	940406	AW
	RITN.NR E51823	BLAD	REV. 8
			GODK.

E51823r8

POS	W-CODE	M-CODE	DESCRIPTION
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
V	wACS121309		Diod 1N 4007
M9	w716,0501	5316075	Detergent pump GRI 14825
F1	w52029919	5320285	Fuse 2A slow 5x20
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
K1	w63723132		Contactor CI12 220-230V 50-60Hz
K10	w63723132		Contactor CI12 220-230V 50-60Hz Optional equipment
K21	w63723132		Contactor CI12 220-230V 50-60Hz
K41	w63724132		Contactor 220-230V 50-60Hz
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
SP1	w733,0103	5315791	Pressure switch gold
M1	w805,2550D		Pump 2241 230/400V/3/60Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FU/M	w64852202		Circuit breaker
E21	w604,1803	5315388	Element 1800W 230V
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
FV	w61514250	5315507	Varistor
A2	w61000602	5315451	Display 200602
A1	w61000599H		Computer board with e-prom
	w61001830	61001830	E-prom 350183



POS.	NR.	DESIGNATION		DATA NR.
B1	1	Fieldbr. sw. hood		602.0102
C1	1	Condenser		607.3610
E21	1	Tank heat	1,8kW 230V	604.1803
E41	1	Boiler	230/400V 9kW Överh.skydd	30835.08
FR10Ⓔ	1	Thermo-eliminator		647.2127
FU/M	1	Circuit breaker		64852210
FV	1	Varistor		61514250
H1	1	Lamp green		618.0112
KA1	1	Relay		54014037
	1	Socket		54099170
K1	1	Contactor pump		63722133
	2	Auxil.cont.block		637.3111
K10 Ⓔ	1	Contactor	240V	63722133
K41	1	Contactor boiler	240V	63724133
	1	Auxil.cont.block		637.1112
M1	1	Pump motor	230/400V	805.2550
M9	1	Pump for detergent	230V	716.0501
M10 Ⓔ	1	Boosterpump	230V	805.4001
M61	1	Programming unit		60533090
M62	1	Programming unit		60531015
S1	1	Change-over switch		601.0695
SP1	1	Pressure switch		733.0106
ST21	1	Thermost.tankheat		734.0301
ST41	1	" boiler		"
V	1	Diode		ACS121309
Y1	1	Solenoid valve	240V	729.2540/2503

E52916r4

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
4		NY Y1	031017	TM	PAAH	3		NY FU/M	020311	CJF	AW
1		NY M1,M10 FROM.002340	000222	AW		2		NY PRESSOSTAT	011207	CJF	AW

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR

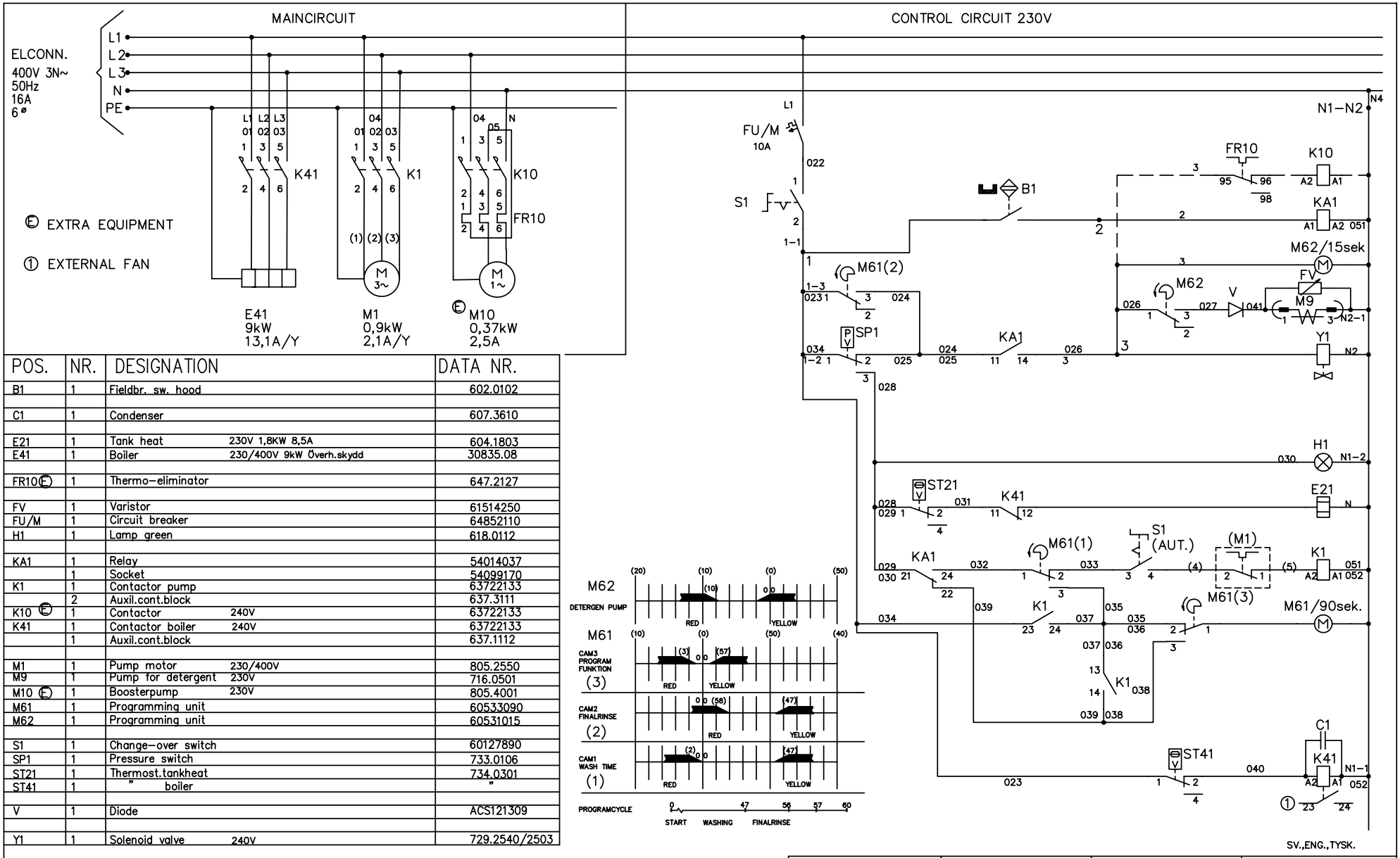
Wexiödisk AB
0470-771200

BENÄMNING
WD-6/METOS WD-6/MM 6
230V 3~ 50Hz
BOILER 9kW

REG.	DAT.	RITAD
4,0	961016	AW

RITN.NR	REV.	GODK.
E52916	4	

POS	W-CODE	M-CODE	DESCRIPTION
B1	w602,0102	5315349	Fieldbreaker switch 100VA
C1	w607,3610	5315411	Condenser 0.1 pme 271 ms
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,08	5320101	Element 9kW 230/400V
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FU/M	w64852210		Circuitbreaker F&G 2-pol 10A 400V
FV	w61514250	5315507	Varistor
H1	w618,0112	5315511	Pilot lamp socket w.bulb green
KA1	w54014037	5315325	Relay TRP 6934 11pol 230V AC
	w54099170	5320046	Relay socket 11-pol. Black
K1	w63722133	5320004	Contactor CI9 240V/50 16A
	w637,3111	5320287	Auxiliary contact block 3-4
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K41	w63724133	5320004	Contactor 220v (k41)
	w637,1112	5320341	Auxiliary contact block 1-2 NC
M1	w805,2550		Pump 2241 230/400V 50Hz
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
M61	w60533090	5315402	Program unit CDC 3-cam 90s
M62	w60531015	5315410	Program-unit CDC 1-cam 15s
S1	w601,0695	5315335	Change over switch s-0695
SP1	w733,0106		Pressure switch "SILVER"
ST21	w733,0106		Pressure switch "SILVER"
ST41	w734,0301	5315797	Thermostat 55.13223.01 1130 mm
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NR.	DESIGNATION		DATA NR.
B1	1	Fieldbr. sw. hood		602.0102
C1	1	Condenser		607.3610
E21	1	Tank heat	230V 1,8KW 8,5A	604.1803
E41	1	Boiler	230/400V 9kW Överh.skydd	30835.08
FR10 (E)	1	Thermo–eliminator		647.2127
FV	1	Varistor		61514250
FU/M	1	Circuit breaker		64852110
H1	1	Lamp green		618.0112
KA1	1	Relay		54014037
	1	Socket		54099170
K1	1	Contactor pump		63722133
	2	Auxil.cont.block		637.3111
K10 (E)	1	Contactor	240V	63722133
K41	1	Contactor boiler	240V	63722133
	1	Auxil.cont.block		637.1112
M1	1	Pump motor	230/400V	805.2550
M9	1	Pump for detergent	230V	716.0501
M10 (E)	1	Boosterpump	230V	805.4001
M61	1	Programming unit		60533090
M62	1	Programming unit		60531015
S1	1	Change–over switch		60127890
SP1	1	Pressure switch		733.0106
ST21	1	Thermost.tankheat		734.0301
ST41	1	" boiler		"
V	1	Diode		ACS121309
Y1	1	Solenoid valve	240V	729.2540/2503

E52917r5

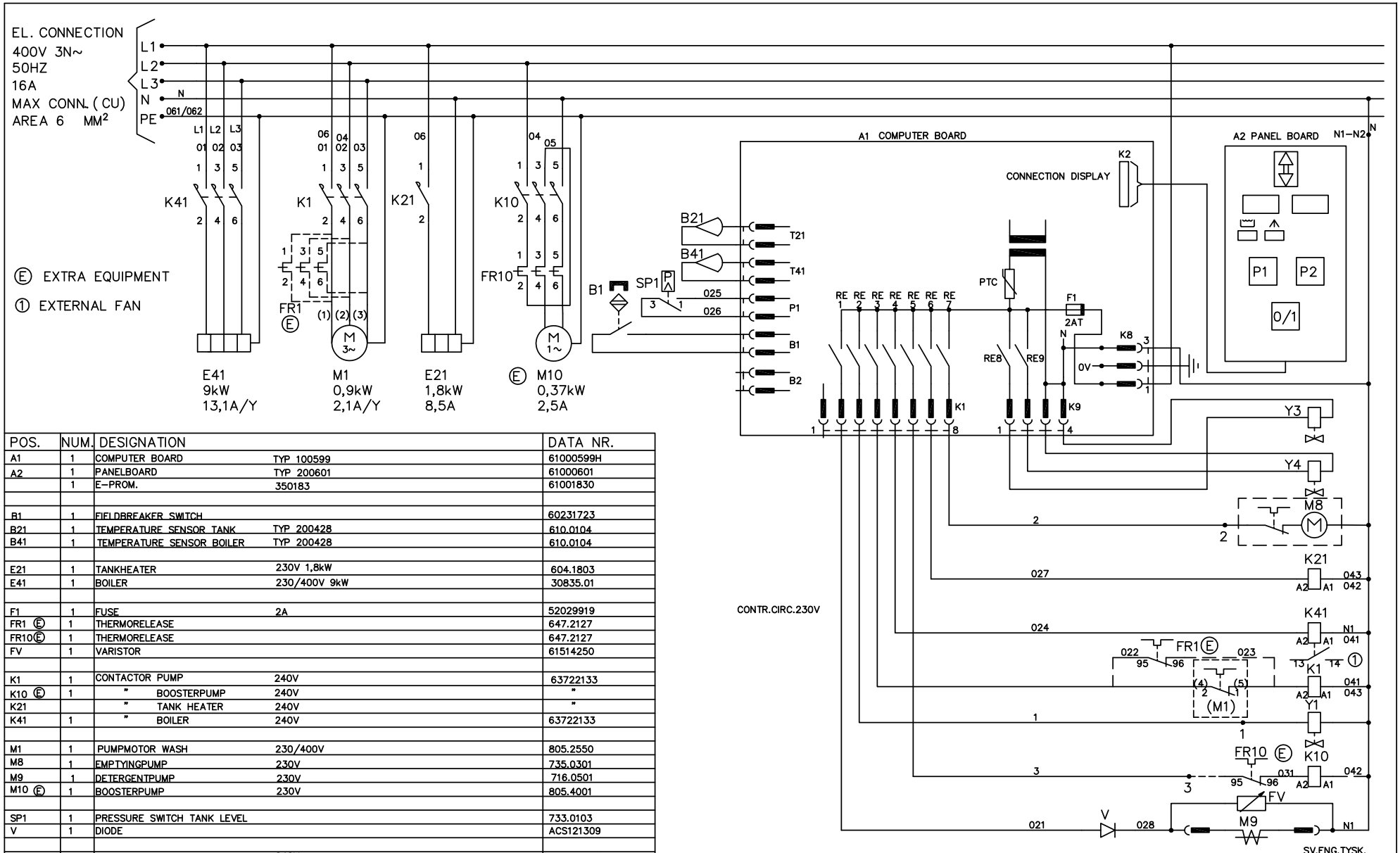
NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
4		NYTT N–NUMMER	030131	CJF	AW	3		FU/M TILLK.	020311	CJF	AW
5		NY Y1	031017	TM	PAAH	2		NY PRESSOSTAT	010824	CJF	PAAH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	96360		

Wexiödisk AB
0470-771200

BENÄMNING	REG.	DAT.	RITAD
WD–6/METOS WD–6 400V 3N~ 50Hz BOILER 9kW	4,0	961016	AW
	RITN.NR E52917	REV. 5	GODK.

POS	W-CODE	M-CODE	DESCRIPTION
B1	w602,0102	5315349	Fieldbreaker switch 100VA
C1	w607,3610	5315411	Condenser 0.1 pme 271 ms
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,08	5320101	Element 9kW 230/400V
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
FU/M	w64852110		Circuitbreaker 1-pol 10A 400V
H1	w618,0112	5315511	Pilot lamp socket w.bulb green
KA1	w54014037	5315325	Relay TRP 6934 11pol 230V AC
	w54099170	5320046	Relay socket 11-pol. Black
K1	w63722133	5320004	Contactor CI9 240V/50 16A
	w637,3111	5320287	Auxiliary contact block 3-4
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K41	w63722133	5320004	Contactor CI9 240V/50 16A
	w637,1112	5320341	Auxiliary contact block 1-2 NC
M1	w805,2550		Pump 2241 230/400V 50Hz
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
M61	w60533090	5315402	Program unit CDC 3-cam 90s
M62	w60531015	5315410	Program-unit CDC 1-cam 15s
S1	w60127890	60127890	Switch C27890
SP1	w733,0106		Pressure switch "SILVER"
ST21	w734,0301	5315797	Thermostat 55.13223.01 1130 mm
ST41	w734,0301	5315797	Thermostat 55.13223.01 1130 mm
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200601	61000601
	1	E–PROM.	350183	61001830
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FR1 Ⓔ	1	THERMORELEASE		647.2127
FR10Ⓔ	1	THERMORELEASE		647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63722133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503
Y3	1	" CAP DOWN	240V	"
Y4	1	" CAP UP	240V	"

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
3		NY M1 FROM.002323	000222	AW		4		FR1 TILLK.FROM.023417	020801	CJF	
2		NY TSP.FROM.993170	991130	AW		5		NY Y1	031104	TM	PAAH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR

Wexiödisk AB
0470–771200

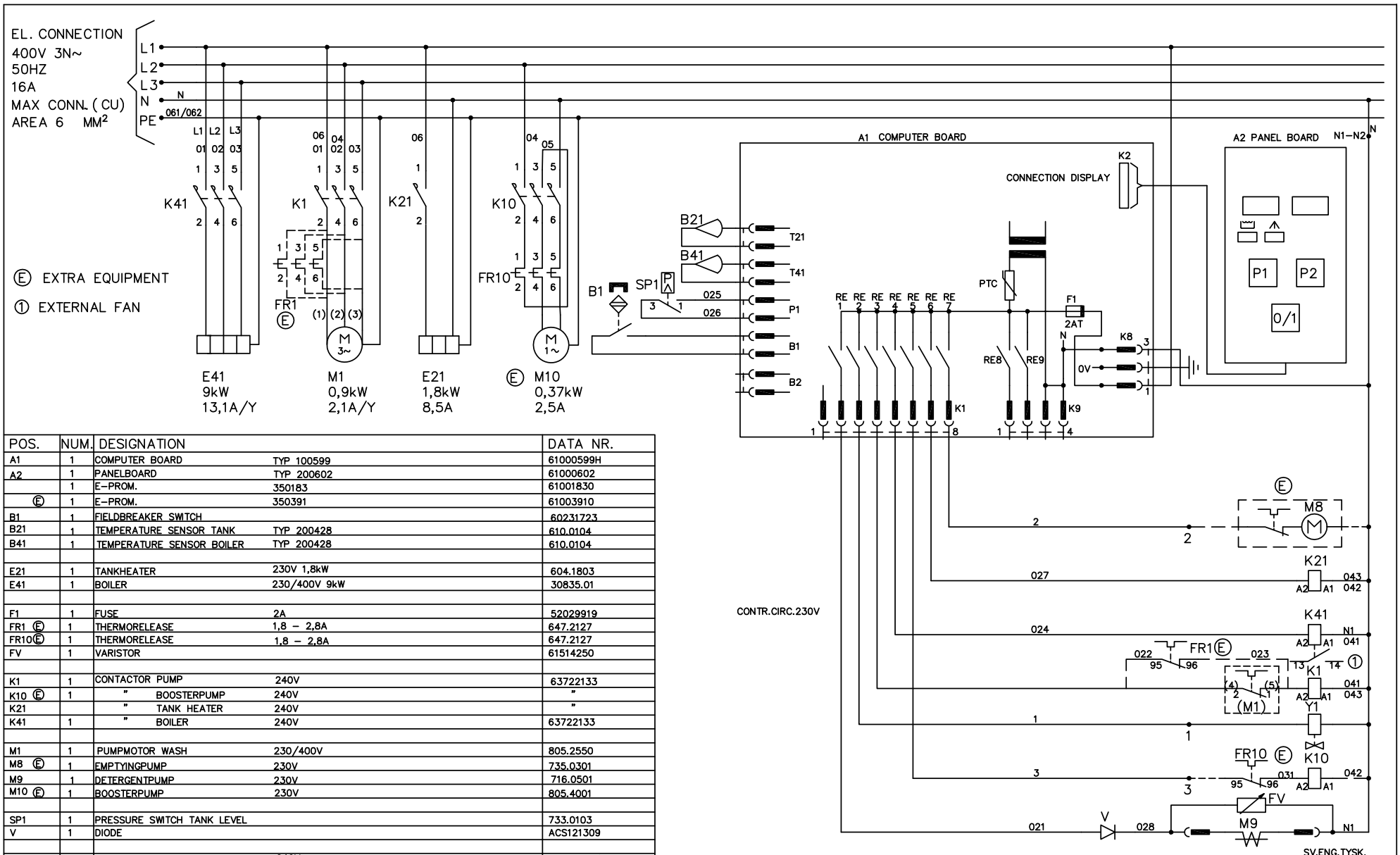
BENÄMNING
WD–6EA/METOS WD–6EA/MM 6EA
400V 3N~ 50HZ
EL.DIAGRAM

REG.	DAT.	RITAD
4, 0	961204	AW

RITN.NR	REV.	GODK.
E52987	5	

E52987r5

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000601	5315449	Display 200601
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
B41	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing , Cpl
	w729,2503		Coil 230/50-60 6kW
Y3	w729,2540		Sol.valve housing , Cpl
	w729,2503		Coil 230/50-60 6kW
Y4	w729,2540		Sol.valve housing , Cpl
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E–PROM.	350183	61001830
Ⓔ	1	E–PROM.	350391	61003910
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FR1 Ⓔ	1	THERMORELEASE	1,8 – 2,8A	647.2127
FR10Ⓔ	1	THERMORELEASE	1,8 – 2,8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63722133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
4		FR1 TILLK.FROM.003545	000818	AW		2		NY TSP. FROM.992605	990910	AW	
3		NY M1 FROM.002319	000222	AW		5		NY Y1, FR1, FR10	031104	TM	PAAH

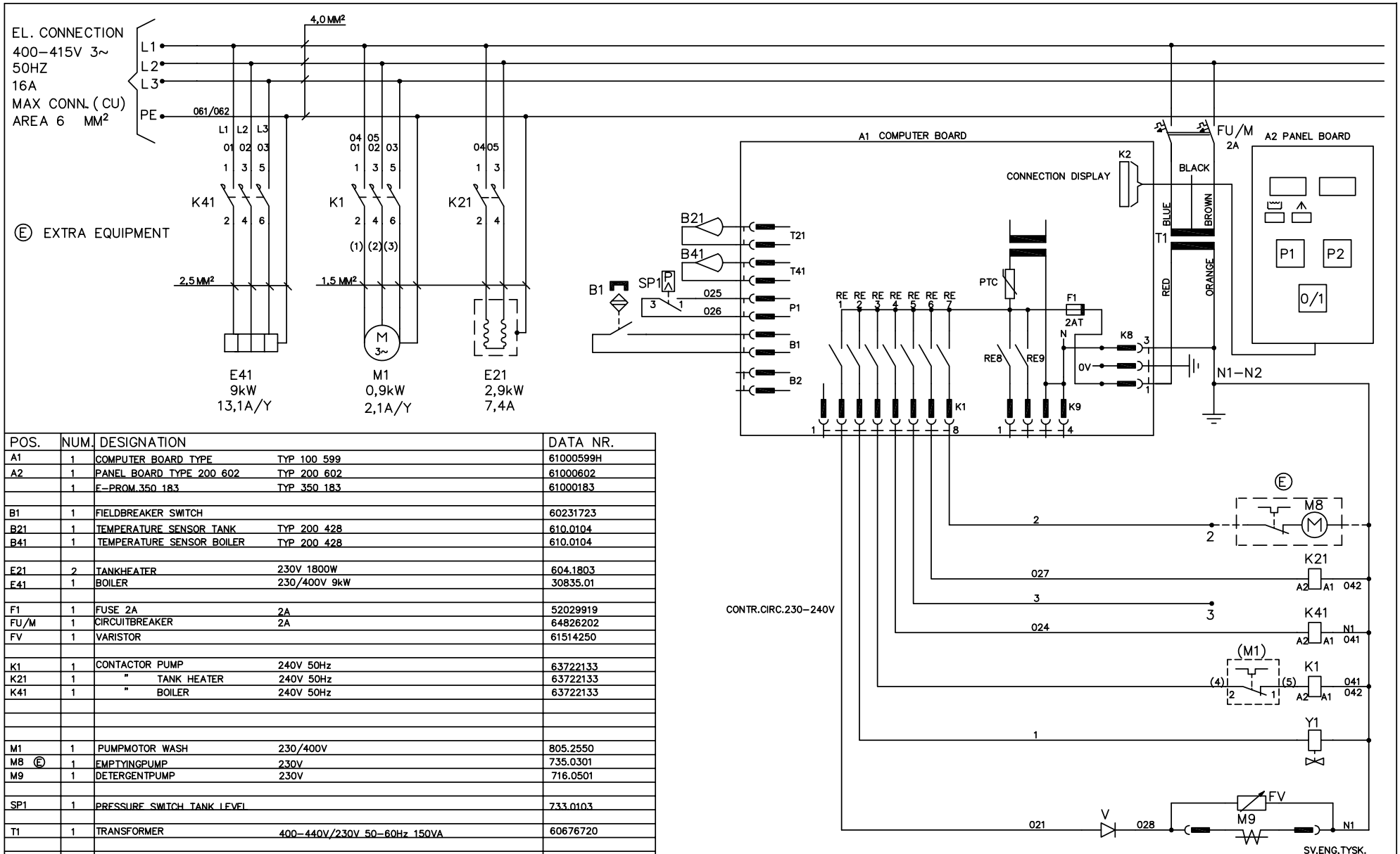
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	97101		

Wexiödisk AB
0470–771200

BENÄMNING	REG.	DAT.	RITAD
WD–6E/METOS WD–6E/MM 6E 400V 3N~ 50HZ TP. EL.DIAGRAM	4, 0	961213	AW
	RITN.NR E52994	REV. 5	GODK.

E52994r5

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
	w61003910		E-prom 350391 no Err 2&6 Optional equipment
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
B41	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD TYPE	TYP 100 599	61000599H
A2	1	PANEL BOARD TYPE 200 602	TYP 200 602	61000602
	1	E-PROM.350 183	TYP 350 183	61000183
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200 428	610.0104
E21	2	TANKHEATER	230V 1800W	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE 2A	2A	52029919
FU/M	1	CIRCUITBREAKER	2A	64826202
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V 50Hz	63722133
K21	1	" TANK HEATER	240V 50Hz	63722133
K41	1	" BOILER	240V 50Hz	63722133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
T1	1	TRANSFORMER	400–440V/230V 50–60Hz 150VA	60676720
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540 / 2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
7		NY E21	040210	TM	PAAH
6		NY Y1	031009	TM	PAAH

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
8		NY FU/M ABB	040525	TM	PAAH
5		NY FU/M	031001	TM	PAAH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	981076		

Wexiödisk AB
0470-771200

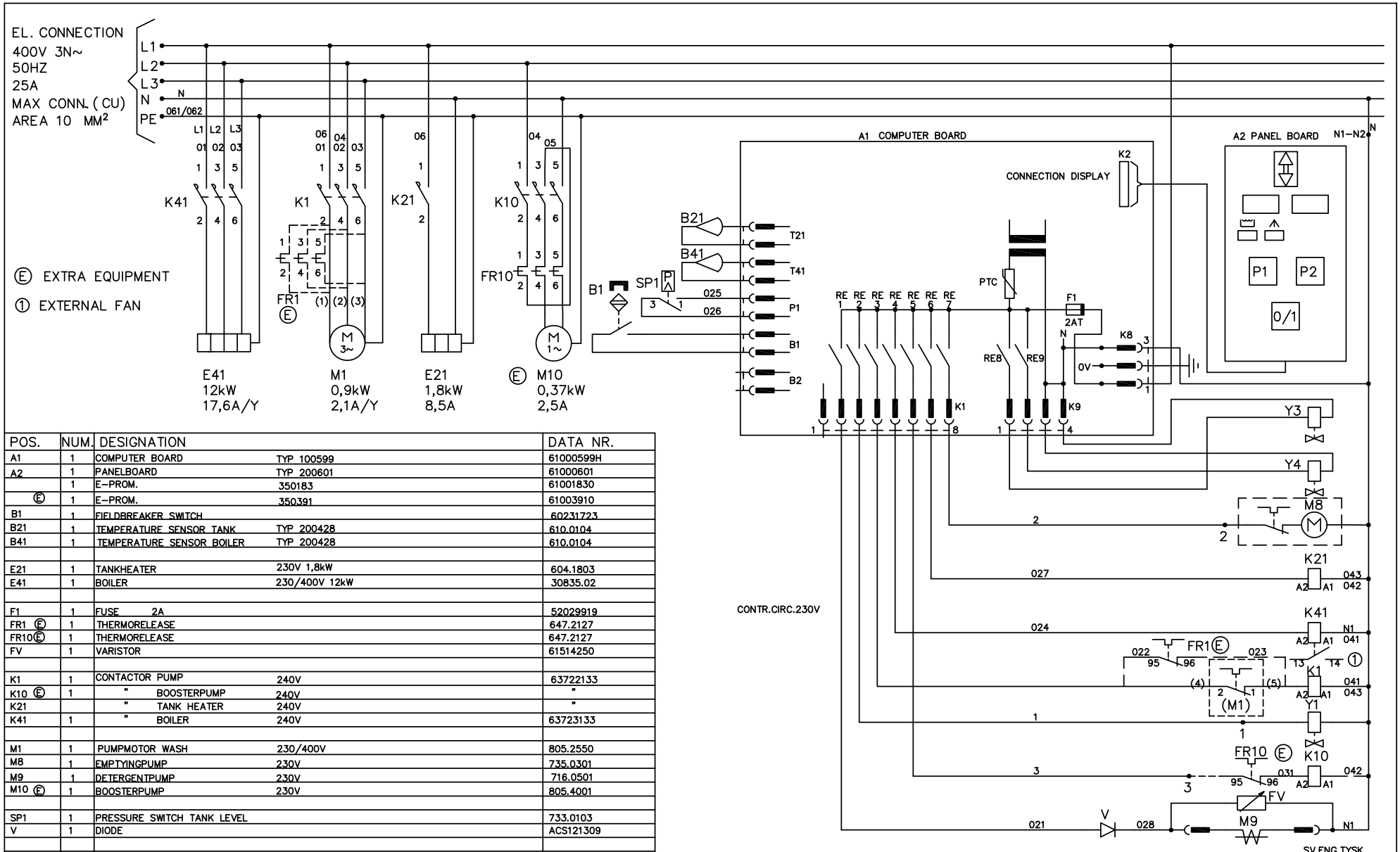
BENÄMNING
WD-6E/METOS WD-6E/MM 6E
400–415V 3~ 50HZ MARINT UTF.
EL.DIAGRAM

REG.	DAT.	RITAD
4, 0	980119	AW

RITN.NR	BLAD	REV.	GODK.
E53429		8	

E53429r8

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64826202		Circuit breaker
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
SP1	w733,0103	5315791	Pressure switch gold
T1	w60676720		Transformer 400,440-230V 150VA
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200601	61000601
	1	E-PROM.	350183	61001830
Ⓔ	1	E-PROM.	350391	61003910
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 12kW	30835.02
F1	1	FUSE 2A		52029919
FR1 Ⓔ	1	THERMORELEASE		647.2127
FR10 Ⓔ	1	THERMORELEASE		647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63723133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503
Y3	1	" CAP DOWN	240V	"
Y4	1	" CAP UP	240V	"

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
3		FR1 TILLK. FROM.023536	020828	CJF	LH	2		NY M1,M10 FROM.002548	000323	AW	
4		NY Y1	031103	TM	PAAH	1		K21 ÄNDR. DANFOSS	990903	AW	

SV,ENG,TYSK.

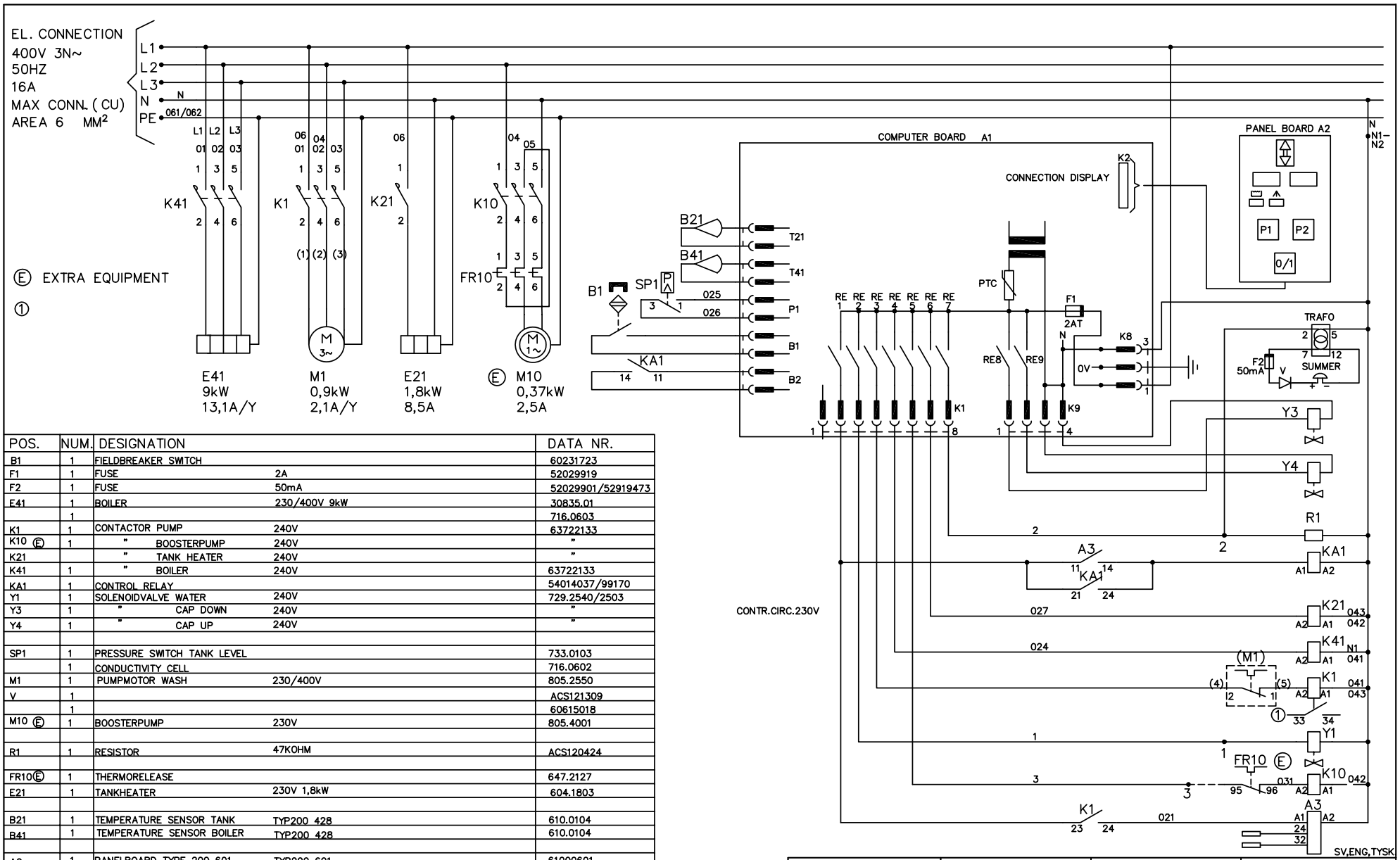
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	981096		

Wexiödisk AB
0470-771200

BENÄMNING	REG.	DAT.	RITAD
WD-6EA/METOS WD-6EA 400V 3N~ 50HZ 12kW G.S. EL.DIAGRAM	4, 0	980119	AW
	RITN.NR E53438	REV. 4	GODK.

E53438r4

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000601	5315449	Display 200601
	w61001830	61001830	E-prom 350183
	w61003910		E-prom 350391 no Err 2&6 Optional equipment
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,02	5315201	Element 12kW 230/400V
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63723133	5315529	Contactor c112 240v/50 20a
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y3	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y4	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
B1	1	FIELDBREAKER SWITCH		60231723
F1	1	FUSE	2A	52029919
F2	1	FUSE	50mA	52029901/52919473
E41	1	BOILER	230/400V 9kW	30835.01
	1			716.0603
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63722133
KA1	1	CONTROL RELAY		54014037/99170
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503
Y3	1	" CAP DOWN	240V	"
Y4	1	" CAP UP	240V	"
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
	1	CONDUCTIVITY CELL		716.0602
M1	1	PUMPMOTOR WASH	230/400V	805.2550
V	1			ACS121309
	1			60615018
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
R1	1	RESISTOR	47KOHM	ACS120424
FR10Ⓔ	1	THERMORELEASE		647.2127
E21	1	TANKHEATER	230V 1,8kW	604.1803
B21	1	TEMPERATURE SENSOR TANK	TYP200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP200 428	610.0104
A2	1	PANELBOARD TYPE 200 601	TYP200 601	61000601
A1	1	COMPUTER BOARD TYPE 201 300	TYP201 300	61001300
	1	E-PROM.350 367	TYP350 367	61003670
A3	1	DETERGENT REGULATOR		716.0605/54099170

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
4		PLINT 4 UTG.	010117	AW	KOK
6		NY Y1,Y3-4 , A3, FR10, V	040124	TM	PAAH

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
7		NY INKOPP. AV A3 043191	040612	TM	PAAH
5		R1 TK FROM 010404	010404	CJF	LH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR

Wexiödisk AB
0470-771200

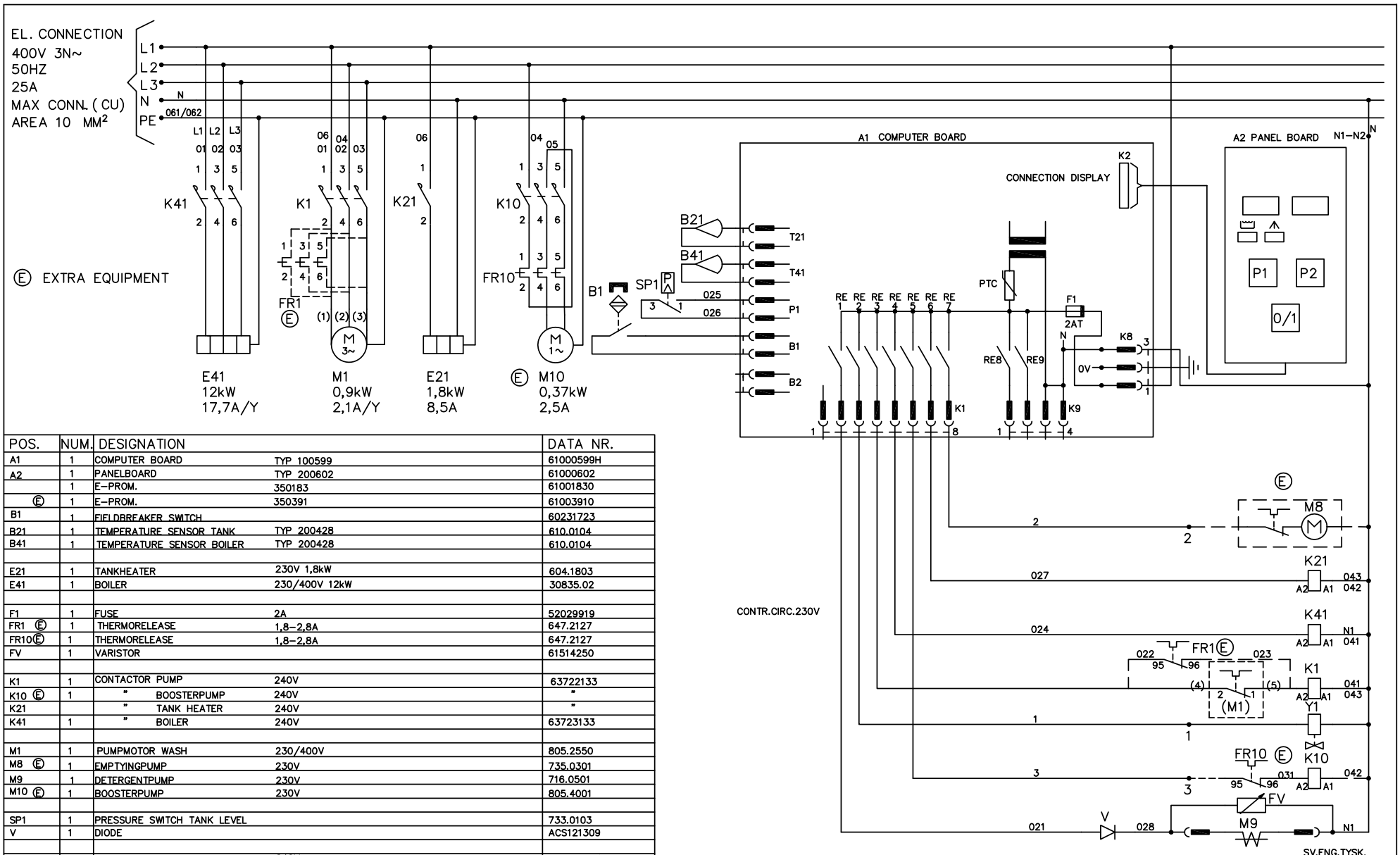
BENÄMNING
WD-6EA SPEC.DISKM.UTR.
400V 3N~ 50HZ
EL.DIAGRAM

REG.	DAT.	RITAD
4, 0	980120	AW

RITN.NR	BLAD	REV.	GODK.
E53439		7	

E53439r7

POS	W-CODE	M-CODE	DESCRIPTION
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
F1	w52029919	5320285	Fuse 2A slow 5x20
F2	w52029901		Fuse 50mA
	w52919473	5320286	Fuse
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
	w716,0603		Summer esz-11n-a
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
KA1	w54014037	5315325	Relay TRP 6934 11pol 230V AC
	w54099170	5320046	Relay socket 11-pol. Black
Y1	w729,2540		Sol.valve housing
Y3	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
	w729,2503		Coil 230/50-60 6kW
Y4	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
SP1	w733,0103	5315791	Pressure switch gold
	w716,0602	5320041	Measuring device of detergent
M1	w805,2550		Pump 2241 230/400V 50Hz
V	wACS121309		Diod 1N 4007
	w60615018		Transf. 230/24V 6va
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
R1	wACS120424		Resistance 47kOHM
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
E21	w604,1803	5315388	Element 1800W 230V
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
A2	w61000601	5315449	Display 200601
A1	w61001300		Electronic card 201300
	w61003670		E prom 350367
A3	w716,0605		Control unit smc230
	w54099170	5320046	Relay socket 11-pol. Black



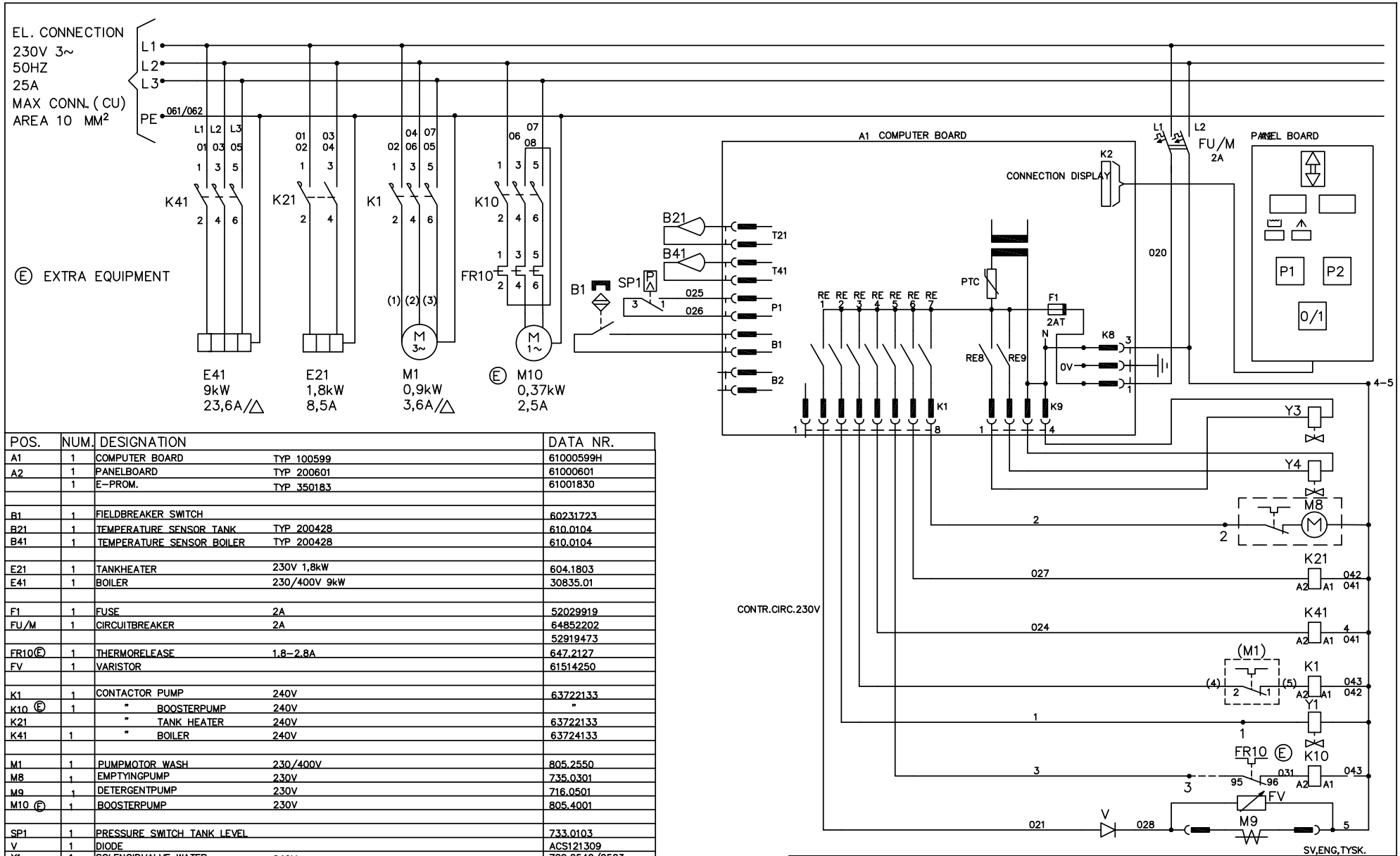
POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E–PROM.	350183	61001830
Ⓔ	1	E–PROM.	350391	61003910
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 12kW	30835.02
F1	1	FUSE	2A	52029919
FR1 Ⓔ	1	THERMORELEASE	1,8–2,8A	647.2127
FR10Ⓔ	1	THERMORELEASE	1,8–2,8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63723133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
3		FR1 TILLK.	021017	CJF	LH	4		NY Y1	031113	TM	PAAH
2		NY M1,M10 FROM.002409	000303	AW		1		K21 ÄNDR. DANFOSS	990903	AW	

FLÖDESSCHEMA	F. O. M. MASKIN NR 981292	T. O. M. MASKIN NR	TILLH.RITN.NR
Wexiödisk AB 0470–771200	BENÄMNING WD–6E/METOS WD–6E 400V 3N~ 50HZ TP. 12kW G.S. EL.DIAGRAM	REG. 4, 0	DAT. 980225
		RITN.NR E53510	REV. 4
			RITAD AW
			GODK.

E53510r4

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
	w61003910		E-prom 350391 no Err 2&6 Optional equipment
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,02	5315201	Element 12kW 230/400V
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63723133	5315529	Contactor c112 240v/50 20a
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200601	61000601
	1	E-PROM.	TYP 350183	61001830
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FU/M	1	CIRCUITBREAKER	2A	64852202
				52919473
FR10Ⓔ	1	THERMORELEASE	1.8-2.8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	63722133
K41	1	" BOILER	240V	63724133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503
Y3	1	" CAP DOWN	240V	"
Y4	1	" CAP UP	240V	"

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
2		NY Y1,Y3-4, FR10,FU/M, F1	040214	TM	PAAH	1		NY M1, M10 FROM.002635	000404	AW	

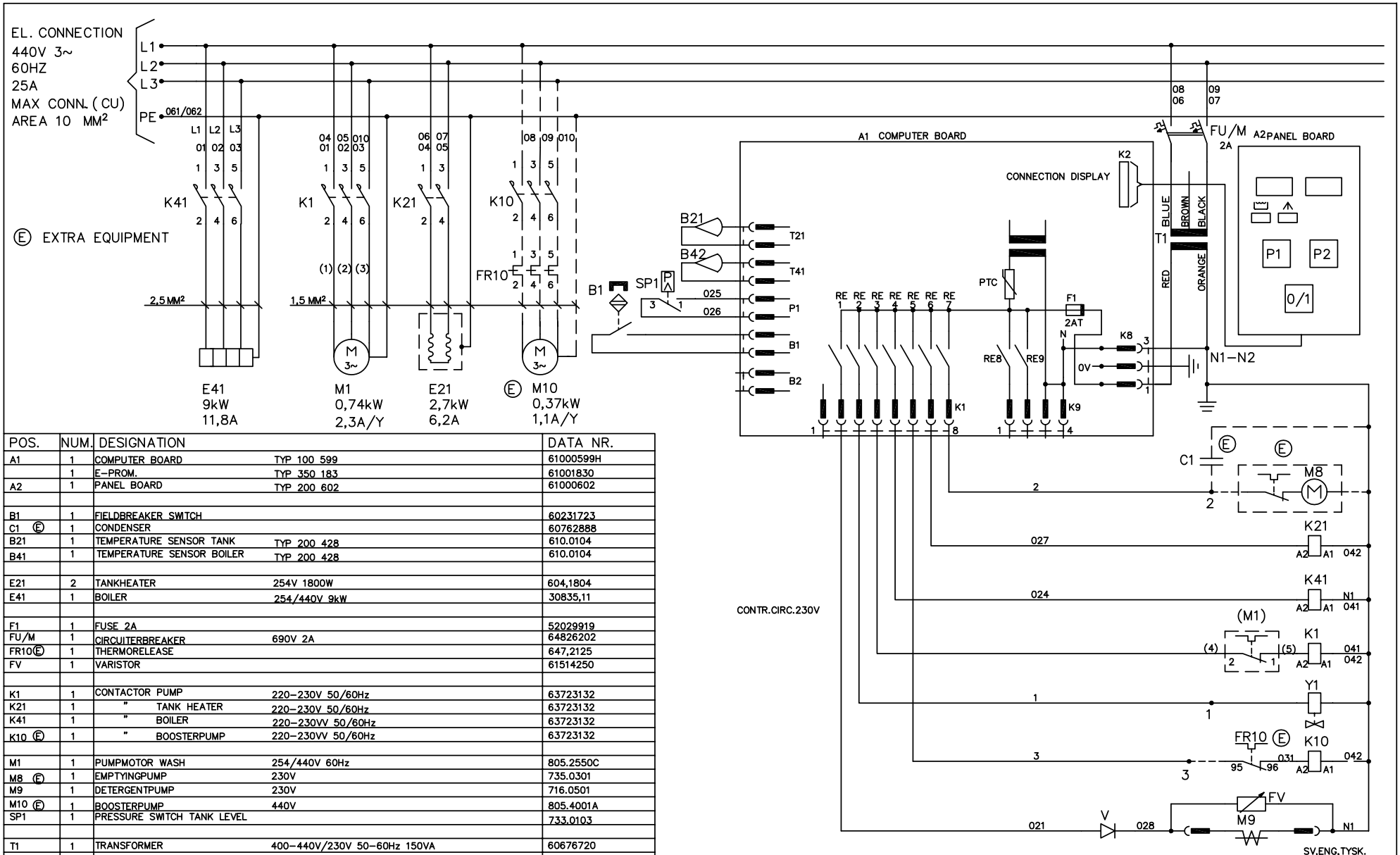
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	981440		

Wexiödisk AB
0470-771200

BENÄMNING	REG.	DAT.	RITAD
WD-6EA/METOS WD-6EA/MM 6EA 230V 3~ 50HZ EL.DIAGRAM	4, 0	980317	AW
	RITN.NR: E53579	REV.: 2	GODK.

E53579r2

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000601	5315449	Display 200601
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64852202		Circuit breaker
	w52919473	5320286	Fuse
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63724133	5320004	Contactor 220v (k41)
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y3	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y4	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100 599	61000599H
	1	E–PROM.	TYP 350 183	61001830
A2	1	PANEL BOARD	TYP 200 602	61000602
B1	1	FIELDBREAKER SWITCH		60231723
C1 Ⓔ	1	CONDENSER		60762888
B21	1	TEMPERATURE SENSOR TANK	TYP 200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200 428	610.0104
E21	2	TANKHEATER	254V 1800W	604,1804
E41	1	BOILER	254/440V 9kW	30835,11
F1	1	FUSE 2A		52029919
FU/M	1	CIRCUITERBREAKER	690V 2A	64826202
FR10Ⓔ	1	THERMORELEASE		647,2125
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	220–230V 50/60Hz	63723132
K21	1	" TANK HEATER	220–230V 50/60Hz	63723132
K41	1	" BOILER	220–230VV 50/60Hz	63723132
K10 Ⓔ	1	" BOOSTERPUMP	220–230VV 50/60Hz	63723132
M1	1	PUMPMOTOR WASH	254/440V 60Hz	805.2550C
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	440V	805.4001A
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
T1	1	TRANSFORMER	400–440V/230V 50–60Hz 150VA	60676720
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	230V 50/60Hz	729,2503/40

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
7		NY Y1	030827	AW	PAAH	6	1	NY FU/M , 08,09 FLYTT.	030303	AW	PAAH
8		NY DATA E21 FROM.044113	041213	TM	PAAH	5		NYA ELEMENT.FR.023090	020603	CJF	PAAH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	981697		

Wexiödisk AB
0470-771200

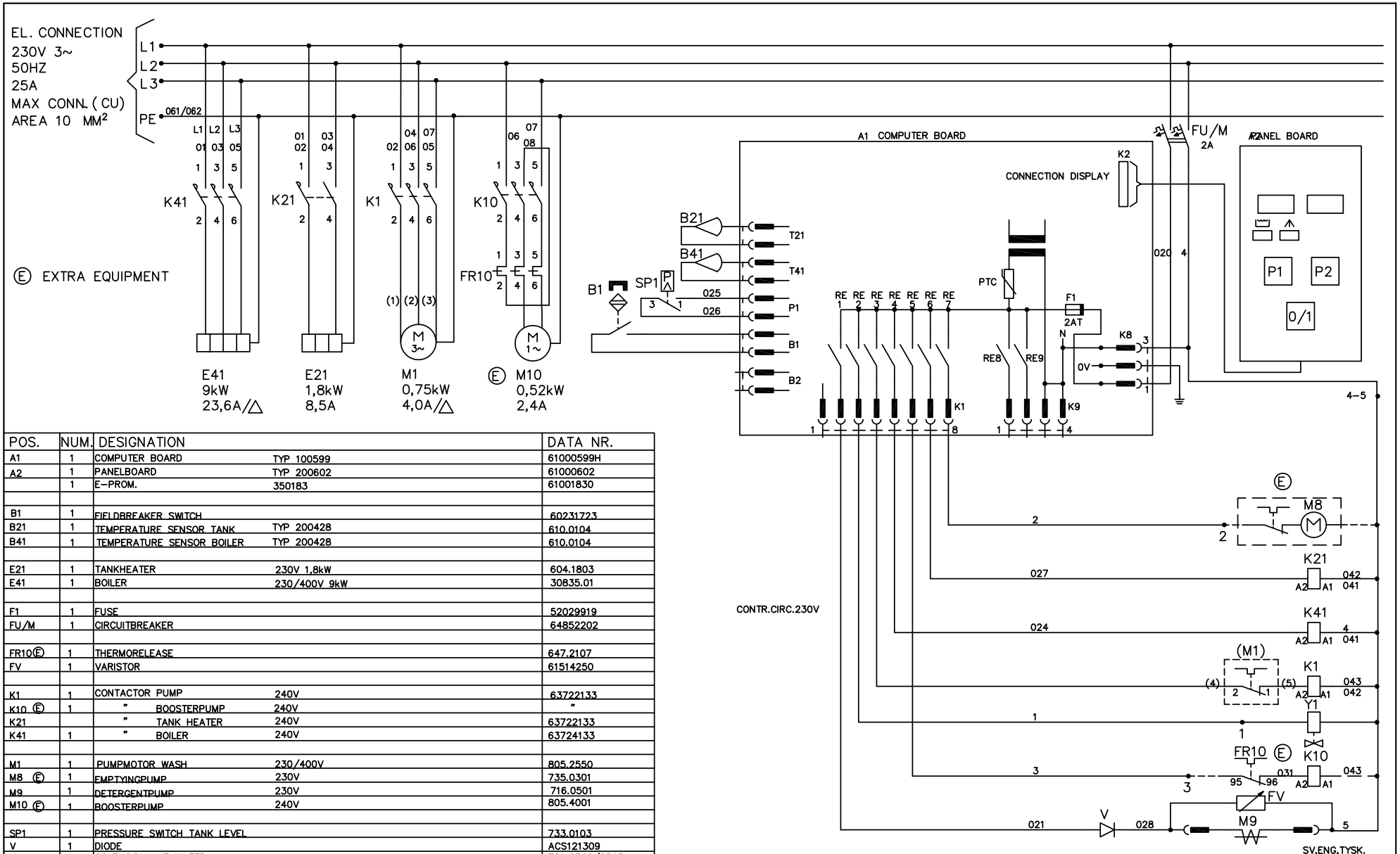
BENÄMNING
WD–6E/METOS WD–6E/MM 6E
440V 3~ 60HZ MARINT UTF.
EL.DIAGRAM

REG.	DAT.	RITAD
4, 0	980511	AW

RITN.NR	REV.	GODK.
E53627	8	

E53627r8

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
	w61001830	61001830	E-prom 350183
A2	w61000602	5315451	Display 200602
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
C1	w60762888		Condenser 8uF 450V M8 Optional equipment
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1804		Heater 1800W 254V
E41	w30835,11		Heater 9kW
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64826202		Circuit breaker
FR10	w647,2125		Thermorelease 0.85-1.3 a Optional equipment
FV	w61514250	5315507	Varistor
K1	w63723132		Contactor CI12 220-230V 50-60Hz
K21	w63723132		Contactor CI12 220-230V 50-60Hz
K41	w63723132		Contactor CI12 220-230V 50-60Hz
K10	w63723132		Contactor CI12 220-230V 50-60Hz Optional equipment
M1	w805,2550C		Pump 2241 440V/60Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001A		Pump PQWm-60-BZ 440V/Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch, gold
T1	w60676720		Transformer 400,440-230V 150VA
V	wACS121309		Diod 1N 4007
Y1	w729,2503		Coil 230/50-60 6kW
Y1	w729,2540		Solenoid valve, housing



E53830r3

POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E-PROM.	350183	61001830
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE		52029919
FU/M	1	CIRCUITBREAKER		64852202
FR10Ⓔ	1	THERMORELEASE		647.2107
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	63722133
K41	1	" BOILER	240V	63724133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	240V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
3		NY Y1	031010	TM	PAAH						
1		NY M1, M10 FROM.000228	000228	AW		2		NY FU/M	031002	TM	PAAH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	982396		

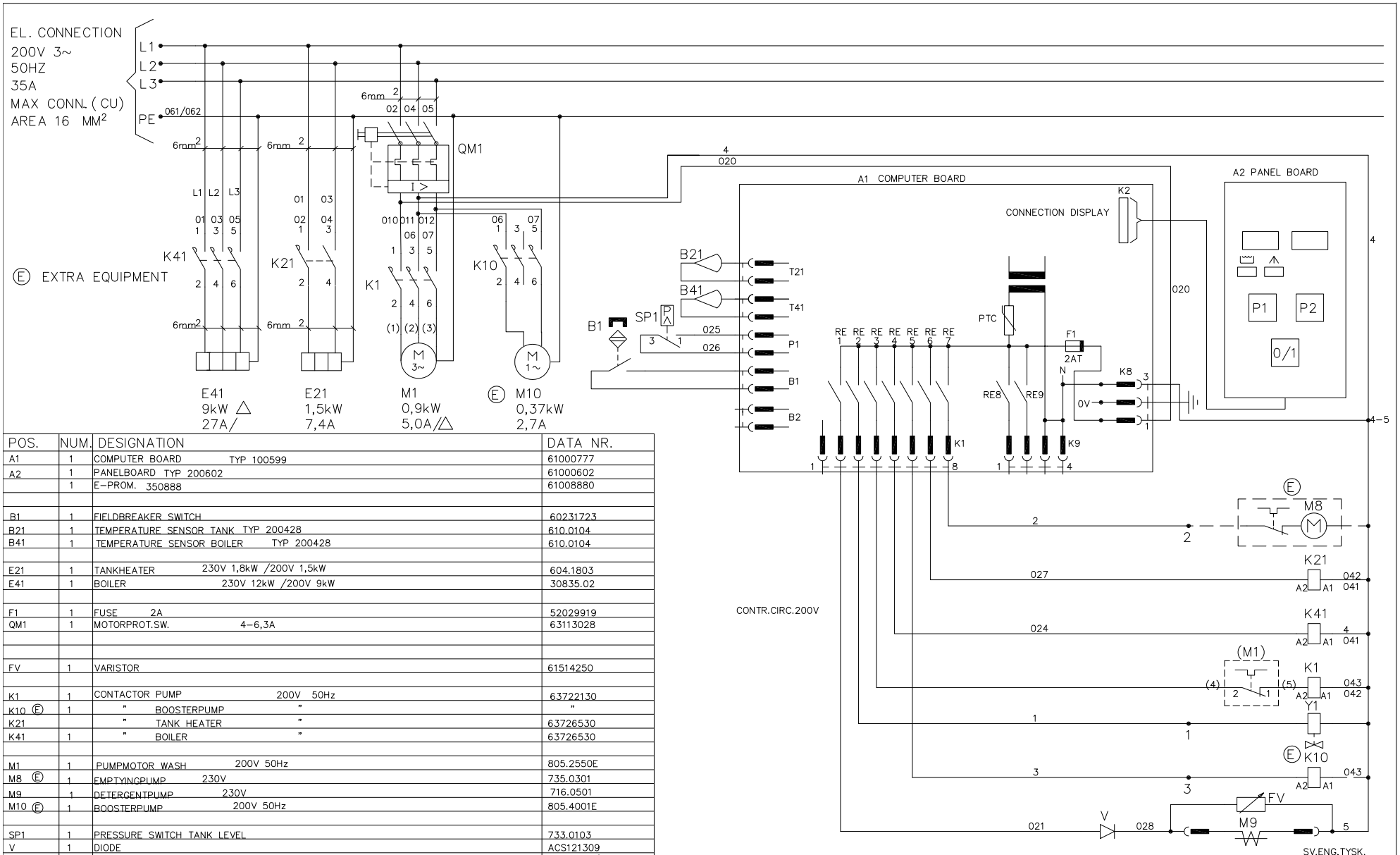
Wexiödisk AB
0470-771200

BENÄMNING: WD-6E/METOS WD-6E/MM 6E
230V 3~ 50HZ TP.
EL.DIAGRAM

REG.	DAT.	RITAD
4, 0	980929	AW

RITN.NR	BLAD	REV.	GODK.
E53830		3	

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64852202		Circuit breaker
FR10	w647,2107	5315535	Replaced by 647,2127 Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63724133	5320004	Contactor 220v (k41)
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2503		Coil 230/50-60 6kW
	w729,2540		Sol.valve housing



E53895r8

POS.	NUM.	DESIGNATION	DATA NR.
A1	1	COMPUTER BOARD TYP 100599	61000777
A2	1	PANELBOARD TYP 200602	61000602
	1	E-PROM. 350888	61008880
B1	1	FIELDBREAKER SWITCH	60231723
B21	1	TEMPERATURE SENSOR TANK TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER TYP 200428	610.0104
E21	1	TANKHEATER 230V 1,8kW /200V 1,5kW	604.1803
E41	1	BOILER 230V 12kW /200V 9kW	30835.02
F1	1	FUSE 2A	52029919
QM1	1	MOTORPROT.SW. 4-6,3A	63113028
FV	1	VARISTOR	61514250
K1	1	CONTACTOR PUMP 200V 50Hz	63722130
K10 Ⓔ	1	" BOOSTERPUMP "	"
K21		" TANK HEATER "	63726530
K41	1	" BOILER "	63726530
M1	1	PUMPMOTOR WASH 200V 50Hz	805.2550E
M8 Ⓔ	1	EMPTYINGPUMP 230V	735.0301
M9	1	DETERGENTPUMP 230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP 200V 50Hz	805.4001E
SP1	1	PRESSURE SWITCH TANK LEVEL	733.0103
V	1	DIODE	ACS121309
Y1	1	SOLENOIDVALVE WATER 200V 50/60Hz	729.2540/2515

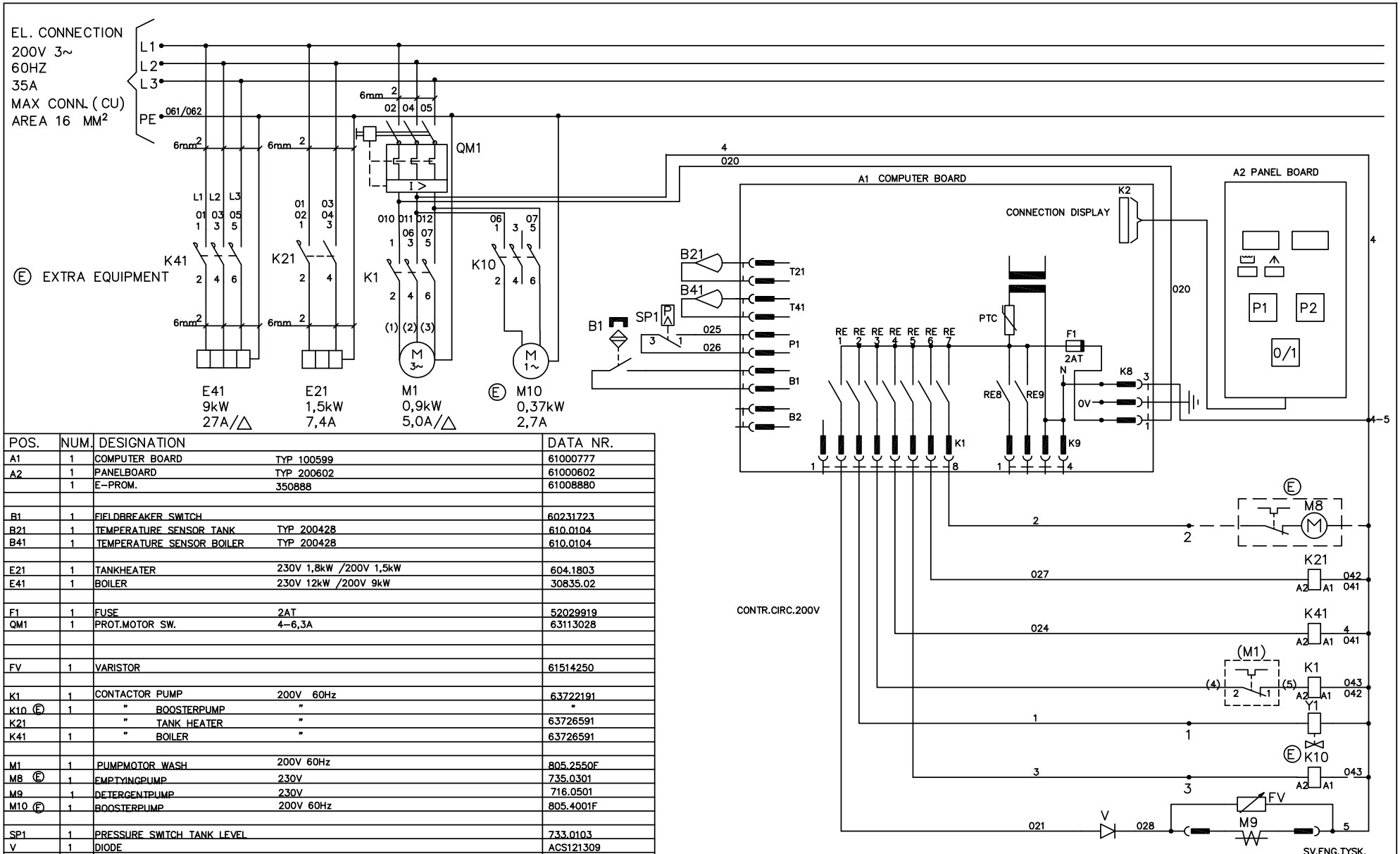
NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
7		NY KONTAKTOR	021106	CJF	PAAH	8		NY MAGNET VENTIL Y1	031015	CJF	
6		KABELAREA ÄNDR.FR.022305	020215	CJF	PAA	5		NY KONTAKOR K21	010518	CJF	LH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	982610		

Wexiödisk AB
0470-771200

BENÄMNING	REG.	DAT.	RITAD
WD-6E/METOS WD-6E/MM 6E 200V 3~ 50HZ EL.DIAGRAM	4, 0	981029	AW
	RITN.NR	REV.	GODK.
	E53895	8	

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000777		Computercard WD6/7 200V/50-60Hz
A2	w61000602	5315451	Display 200602
	w61008880		Eprom WD6/EA Japan
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,02	5315201	Element 12kW 230/400V
F1	w52029919	5320285	Fuse 2A slow 5x20
QM1	w63113028	5320288	Prot.motor sw cti25. 4.00-6.30a
FV	w61514250	5315507	Varistor
K1	w63722130		Contactor CI9 200V/50Hz 16A
K10	w63722130		Contactor CI9 200V/50Hz 16A Optional equipment
K21	w63726530		Contactor ci30 200V/50Hz
K41	w63726530		Contactor ci30 200V/50Hz
M1	w805,2550E		Pump 2241 200V/50Hz WD6
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001E		Pump PQWm 60-Bz 200V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2515		Coil 200/50-60 6W



E53896r11

POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000777
A2	1	PANELBOARD	TYP 200602	61000602
	1	E-PROM.	350888	61008880
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW /200V 1,5kW	604.1803
E41	1	BOILER	230V 12kW /200V 9kW	30835.02
F1	1	FUSE	2AT	52029919
QM1	1	PROT.MOTOR SW.	4-6,3A	63113028
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	200V 60Hz	63722191
K10 Ⓔ	1	" BOOSTERPUMP	"	"
K21		" TANK HEATER	"	63726591
K41	1	" BOILER	"	63726591
M1	1	PUMPMOTOR WASH	200V 60Hz	805.2550F
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	200V 60Hz	805.4001F
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	200V 50/60Hz	729.2540/2515

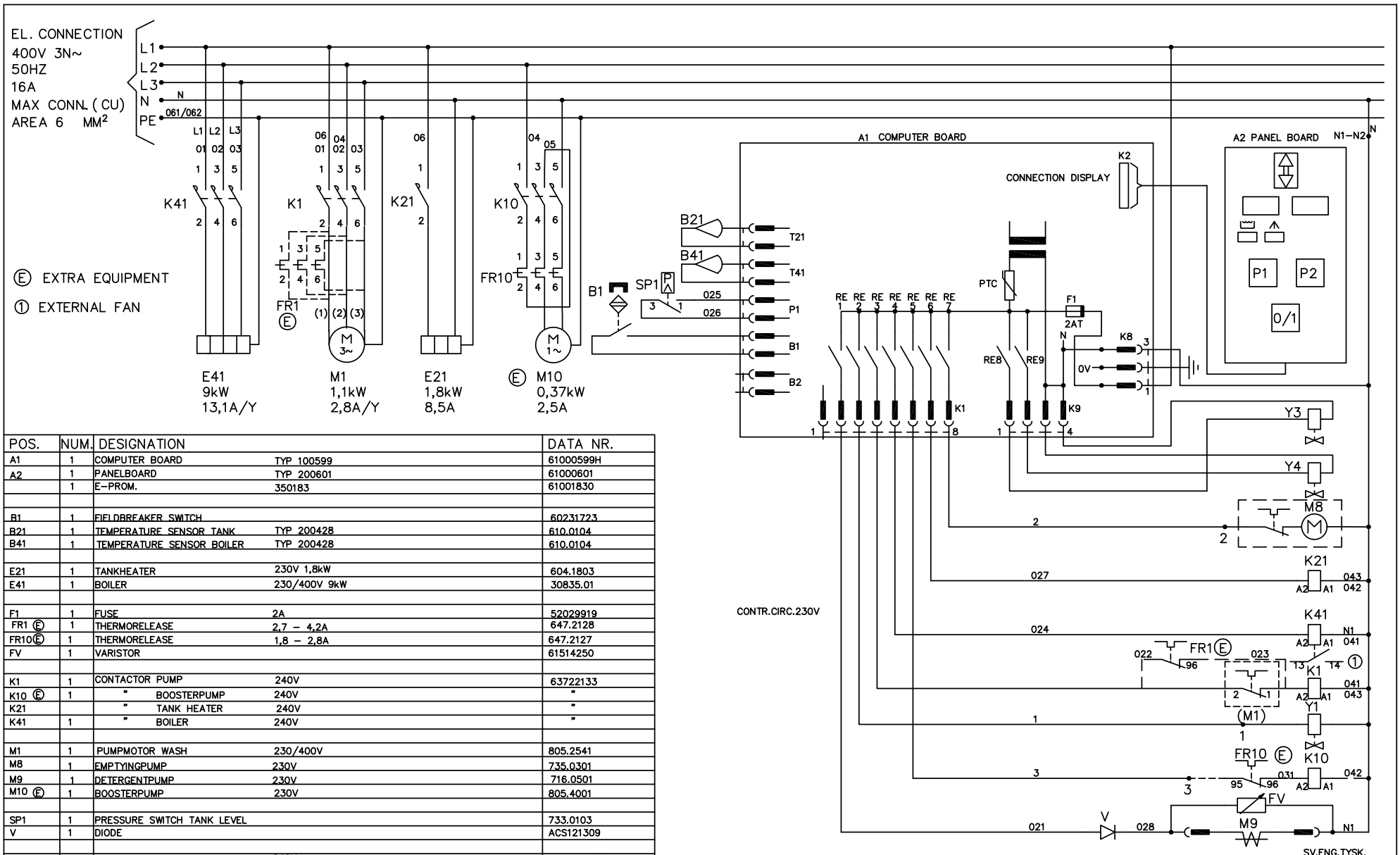
NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
8		NY KONTAKTOR K21	010518	CJF	LH	10		NY KONTAKTOR	021104	CJF	PAAH
11		NY Y1	031015	TM	PAAH	9		KABELAREA ÄNDR.FR.022300	020215	CJF	PAA

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	982613		

Wexiödisk AB
0470-771200

BENÄMNING	REG.	DAT.	RITAD
WD-6E/METOS WD-6E/MM 6E 200V 3~ 60HZ EL.DIAGRAM	4, 0	981029	AW
	RITN.NR: E53896	REV.: 11	GODK.

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000777		Computercard WD6/7 200V/50-60Hz
A2	w61000602	5315451	Display 200602
	w61008880		Eprom WD6/EA Japan
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,02	5315201	Element 12kW 230/400V
F1	w52029919	5320285	Fuse 2A slow 5x20
QM1	w63113028	5320288	Prot.motor sw cti25. 4.00-6.30a
FV	w61514250	5315507	Varistor
K1	w63722191		Contactor ci9 200v/60hz 16a
K10	w63722191		Contactor ci9 200v/60hz 16a Optional equipment
K21	w63726591		Contactor ci30 200V/50-60Hz
K41	w63726591		Contactor ci30 200V/50-60Hz
M1	w805,2550F		Pump 2241 200v/60hz wd-6
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001F		Pump PQWm 60-Bz 200V/Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2515		Coil 200/50-60 6W



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200601	61000601
	1	E–PROM.	350183	61001830
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FR1 Ⓔ	1	THERMORELEASE	2,7 – 4,2A	647.2128
FR10 Ⓔ	1	THERMORELEASE	1,8 – 2,8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	"
M1	1	PUMPMOTOR WASH	230/400V	805.2541
M8	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503
Y3	1	" CAP DOWN	240V	" "
Y4	1	" CAP UP	240V	" "

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
3		NY Y1, Y2, Y3	031016	TM	PAAH

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
2		FR1 TILLK.FROM.012477	011018	CJF	
1		NY TSP. FROM.992658	990910	AW	

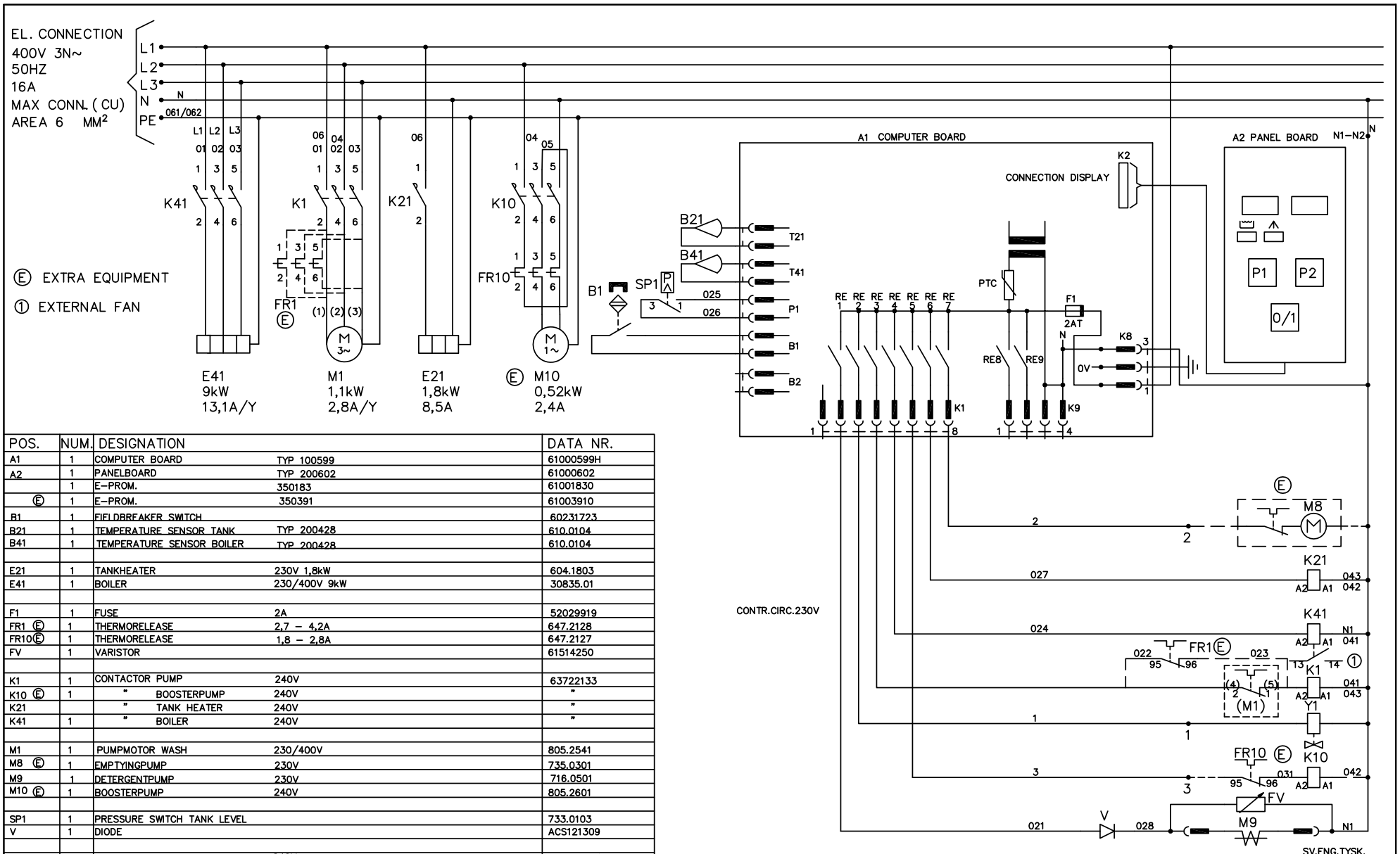
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	992294		

Wexiödisk AB
0470–771200

BENÄMNING	REG.	DAT.	RITAD
WD–7EH/METOS WD–7EH/MM 7EH 400V 3N~ 50HZ EL.DIAGRAM	4, 0	990630	AW
	RITN.NR	REV.	GODK.
	E54335	3	

E54335r3

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000601	5315449	Display 200601
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
B41	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2128		Thermorelease 2.7-4.2 a Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
M1	w805,2541		Replaced by 805,2520
M8	w735,0301	5320022	Pump BE28B4 220/50/1
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing , Cpl
	w729,2503		Coil 230/50-60 6kW
Y3	w729,2540		Sol.valve housing , Cpl
	w729,2503		Coil 230/50-60 6kW
Y4	w729,2540		Sol.valve housing , Cpl
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E-PROM.	350183	61001830
Ⓔ	1	E-PROM.	350391	61003910
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FR1 Ⓔ	1	THERMORELEASE	2,7 – 4,2A	647.2128
FR10Ⓔ	1	THERMORELEASE	1,8 – 2,8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	"
M1	1	PUMPMOTOR WASH	230/400V	805.2541
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	240V	805.2601
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
2		NY Y1	031016	TM	PAAH	1		FR1 TILLK.FROM.004066	001010	AW	KOK

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	992282		

Wexiödisk AB
0470-771200

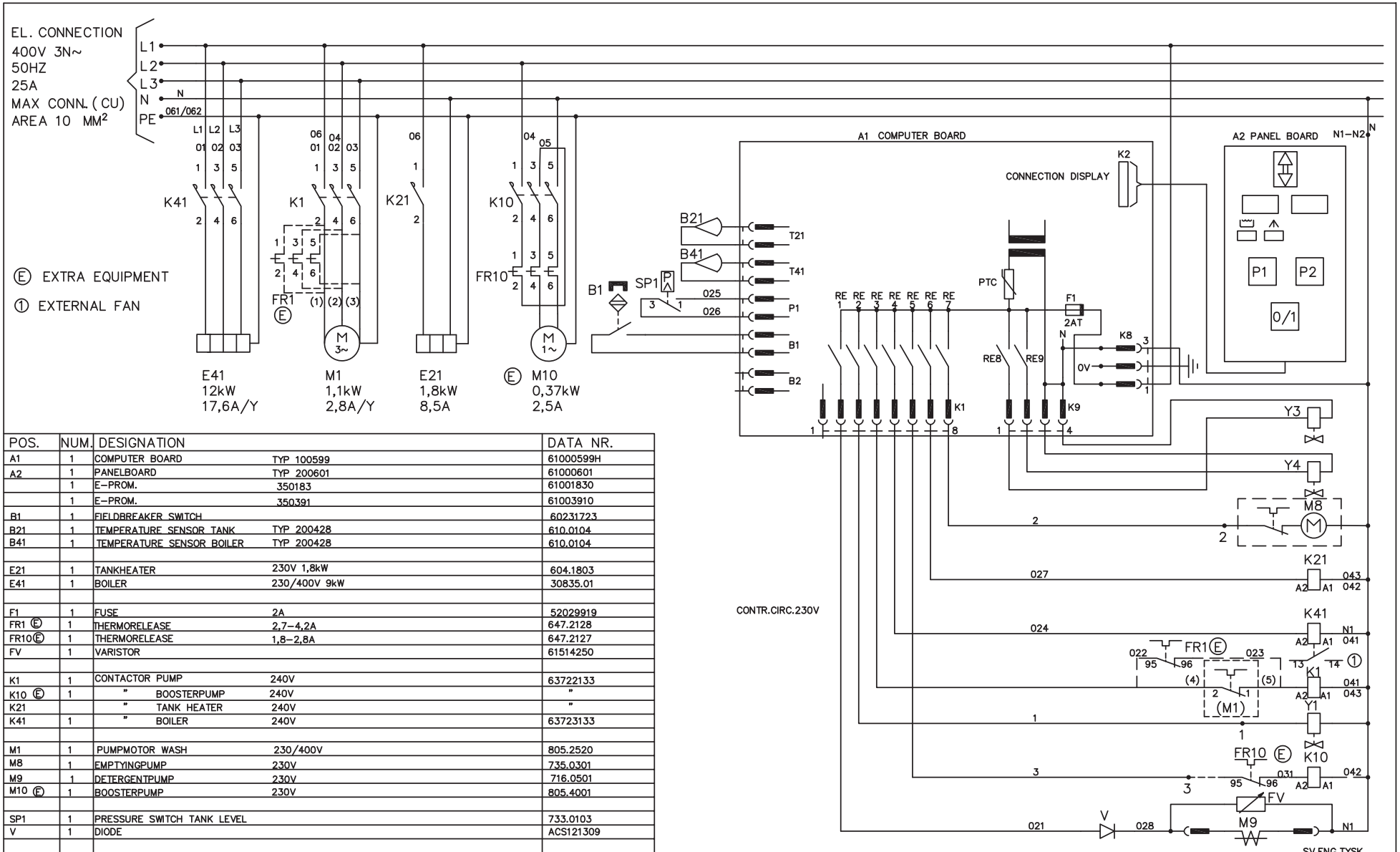
BENÄMNING: WD-7E/METOS WD-7E/MM 7E
400V 3N~ 50HZ TP.
EL.DIAGRAM

REG.	DAT.	RITAD
4, 0	990630	AW

RITN.NR	BLAD	REV.	GODK.
E54336		2	

E54336r2

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
	w61003910		E-prom 350391 no Err 2&6 Optional equipment
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
B41	w610,0104	5315467	Temp.sensor 1000mm (E) , Cpl
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2128		Thermorelease 2.7-4.2 a Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
M1	w805,2520		Pump 0241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,2601	8052601	Pump kfm1 Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing , Cpl
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200601	61000601
	1	E-PROM.	350183	61001830
	1	E-PROM.	350391	61003910
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FR1 Ⓔ	1	THERMORELEASE	2,7-4,2A	647.2128
FR10Ⓔ	1	THERMORELEASE	1,8-2,8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63723133
M1	1	PUMPMOTOR WASH	230/400V	805.2520
M8	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	230V 50/60Hz	729.2503/2540
Y3	1	" CAP DOWN	"	"
Y4	1	" CAP UP	"	"

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
3	3	NYA Y1,3,4	031015	AW	PAAH
2		FR1 TILLK.FROM.023442	020805	CJF	PAAH
1		NY M10 FROM.003752	000902	AW	KOK

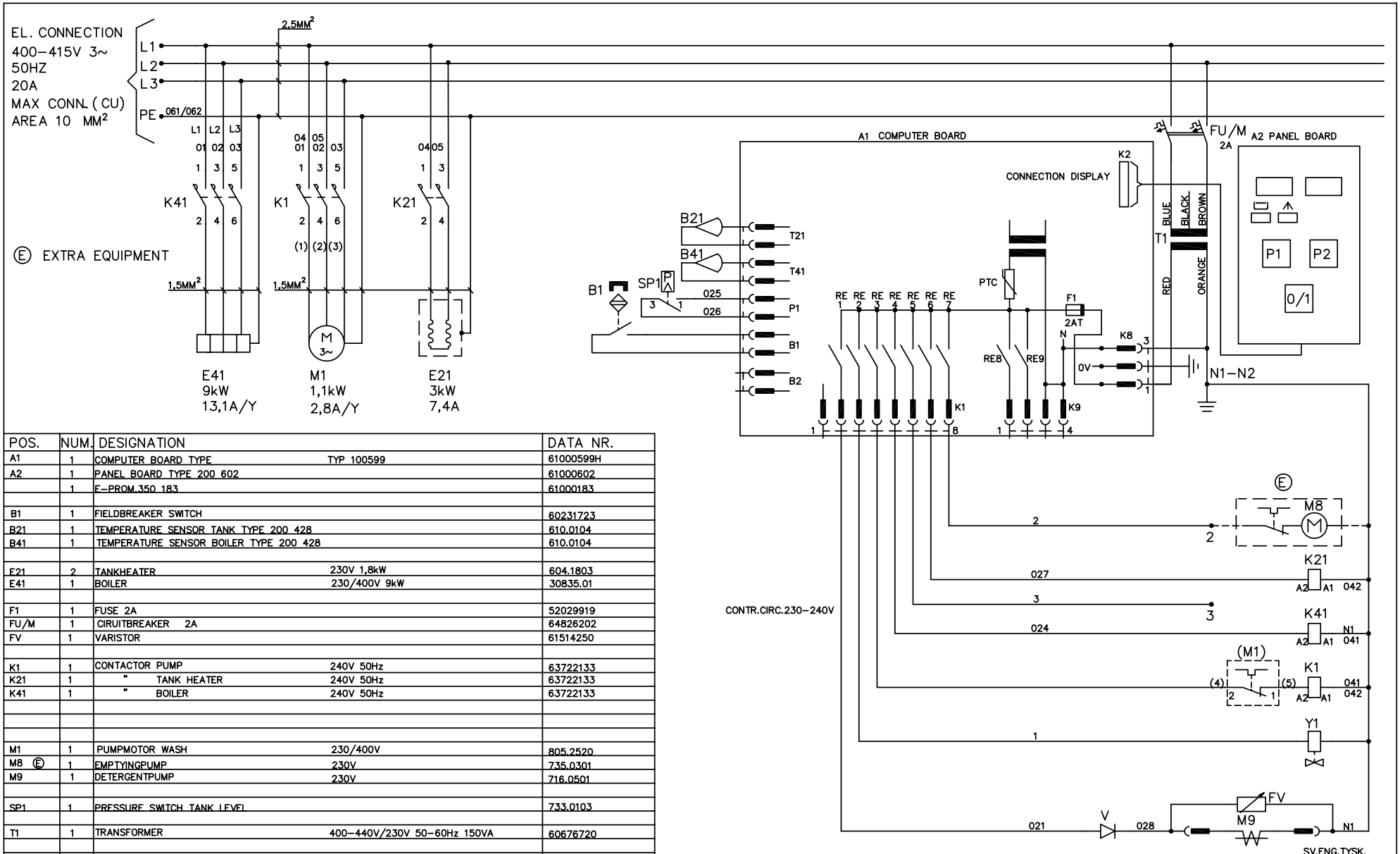
Wexiödisk AB
0470-771200

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	992478		

BENÄMNING	REG.	DAT.	RITAD
WD-7EH/METOS WD-7EH/MM 7EH 400V 3N~ 50HZ 12kW G.S. EL.DIAGRAM	4, 0	990818	AW
	RITN.NR	REV.	GODK.
	E54351	3	

E54351r3

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000601	5315449	Display 200601
	w61001830	61001830	E-prom 350183
	w61003910		E-prom 350391 no Err 2&6
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2128		Thermorelease 2.7-4.2 a Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63723133	5315529	Contactor c112 240v/50 20a
M1	w805,2520		Pump 0241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2503		Coil 230/50-60 6kW
	w729,2540		Sol.valve housing
Y3	w729,2503		Coil 230/50-60 6kW
	w729,2540		Sol.valve housing
Y4	w729,2503		Coil 230/50-60 6kW
	w729,2540		Sol.valve housing



E54352r3

POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD TYPE	TYP 100599	61000599H
A2	1	PANEL BOARD TYPE 200 602		61000602
	1	E–PROM.350 183		61000183
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK TYPE 200 428		610.0104
B41	1	TEMPERATURE SENSOR BOILER TYPE 200 428		610.0104
E21	2	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE 2A		52029919
FU/M	1	CIRUITBREAKER 2A		64826202
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V 50Hz	63722133
K21	1	" TANK HEATER	240V 50Hz	63722133
K41	1	" BOILER	240V 50Hz	63722133
M1	1	PUMPMOTOR WASH	230/400V	805.2520
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
T1	1	TRANSFORMER	400–440V/230V 50–60Hz 150VA	60676720
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503

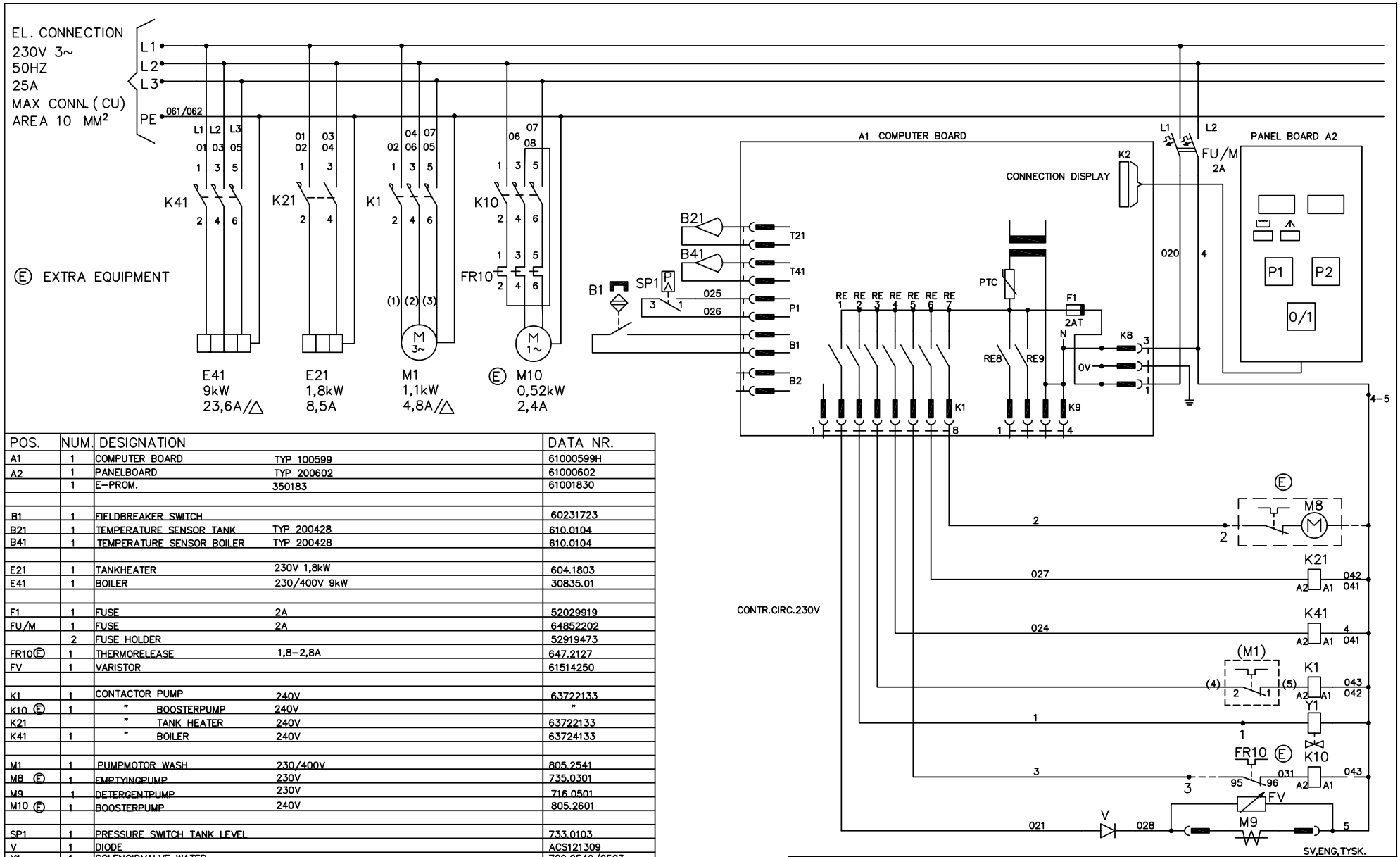
NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
3		NY M1, FU/M, T1, FROM.043822	041011	TM	PAAH						
2		NY Y1	031009	TM	PAAH	1		NY FU/M	030930	TM	PAAH

FLÖDESSCHEMA	F. O. M. MASKIN NR 992466	T. O. M. MASKIN NR	TILLH.RITN.NR

Wexiödisk AB
0470–771200

BENÄMNING AG	REG.	DAT.	RITAD
WD–7E 400–415V 3~ 50HZ MARINT UTF. EL.DIAGRAM	4, 0	990818	AW
RITN.NR E54352	REV. 3		GODK.

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64826202		Circuit breaker
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
M1	w805,2520		Pump 0241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
SP1	w733,0103	5315791	Pressure switch gold
T1	w60676720		Transformer 400,440-230V 150VA
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



E54353r1

POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E-PROM.	350183	61001830
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FU/M	1	FUSE	2A	64852202
	2	FUSE HOLDER		52919473
FR10 Ⓔ	1	THERMORELEASE	1,8-2,8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	63722133
K41	1	" BOILER	240V	63724133
M1	1	PUMPMOTOR WASH	230/400V	805.2541
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	240V	805.2601
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503

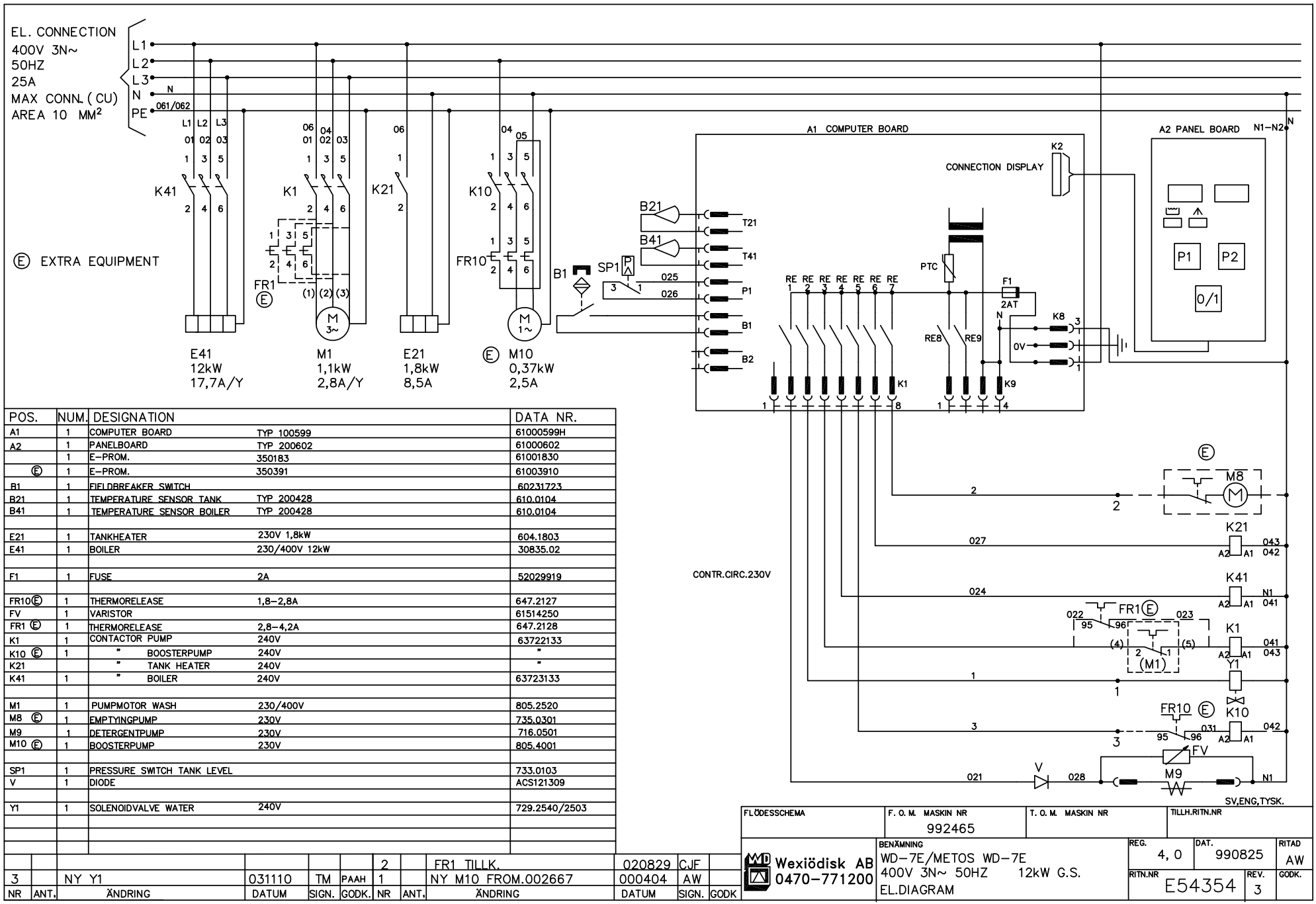
NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
1	2	NY Y1, NY FU/M	031017	TM	PAAH

FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	992468		

Wexiödisk AB
0470-771200

BENÄMNING	REG.	DAT.	RITAD
WD-7E/METOS WD-7E/MM 7E 230V 3~ 50HZ EL.DIAGRAM	4, 0	990818	AW
RITN.NR E54353	BLAD	REV. 1	GODK.

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64852202		Circuit breaker
	w52919473	5320286	Fuse
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63724133	5320004	Contactor 220v (k41)
M1	w805,2541		Replaced by 805,2520
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,2601	8052601	Pump kfm1 Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E–PROM.	350183	61001830
Ⓔ	1	E–PROM.	350391	61003910
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 12kW	30835.02
F1	1	FUSE	2A	52029919
FR10Ⓔ	1	THERMORELEASE	1,8–2,8A	647.2127
FV	1	VARISTOR		61514250
FR1 Ⓔ	1	THERMORELEASE	2,8–4,2A	647.2128
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63723133
M1	1	PUMPMOTOR WASH	230/400V	805.2520
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
						2		FR1 TILLK.	020829	CJF	
3		NY Y1	031110	TM	PAAH	1		NY M10 FROM.002667	000404	AW	

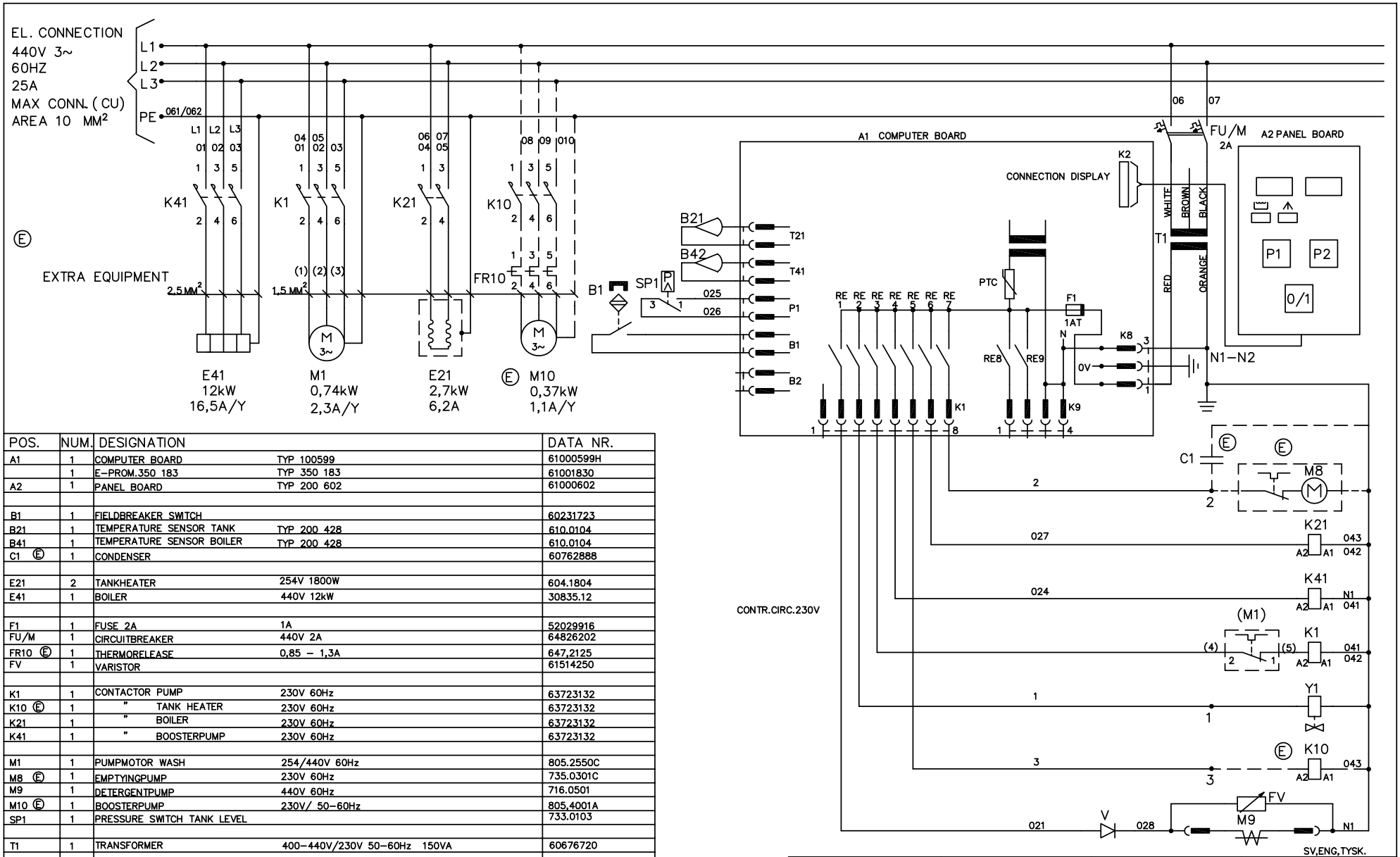
FLÖDESSCHEMA	F. O. M. MASKIN NR 992465	T. O. M. MASKIN NR	TILLH.RITN.NR

Wexiödisk AB
0470–771200

BENÄMNING	REG.	DAT.	RITAD
WD–7E/METOS WD–7E 400V 3N~ 50HZ 12kW G.S. EL.DIAGRAM	4, 0	990825	AW
	RITN.NR E54354	REV. 3	GODK.

E54354r3

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
	w61003910		E-prom 350391 no Err 2&6 Optional equipment
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,02	5315201	Element 12kW 230/400V
F1	w52029919	5320285	Fuse 2A slow 5x20
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
FR1	w647,2128		Thermorelease 2.7-4.2 a Optional equipment
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63723133	5315529	Contactor c112 240v/50 20a
M1	w805,2520		Pump 0241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
	1	E–PROM.350 183	TYP 350 183	61001830
A2	1	PANEL BOARD	TYP 200 602	61000602
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200 428	610.0104
C1 Ⓔ	1	CONDENSER		60762888
E21	2	TANKHEATER	254V 1800W	604.1804
E41	1	BOILER	440V 12kW	30835.12
F1	1	FUSE 2A	1A	52029916
FU/M	1	CIRCUITBREAKER	440V 2A	64826202
FR10 Ⓔ	1	THERMORELEASE	0,85 – 1,3A	647,2125
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	230V 60Hz	63723132
K10 Ⓔ	1	" TANK HEATER	230V 60Hz	63723132
K21	1	" BOILER	230V 60Hz	63723132
K41	1	" BOOSTERPUMP	230V 60Hz	63723132
M1	1	PUMPMOTOR WASH	254/440V 60Hz	805.2550C
M8 Ⓔ	1	EMPTYINGPUMP	230V 60Hz	735.0301C
M9	1	DETERGENTPUMP	440V 60Hz	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V/ 50–60Hz	805,4001A
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
T1	1	TRANSFORMER	400–440V/230V 50–60Hz 150VA	60676720
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	230V 60Hz	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
2		C1, FR10,K10, M10 FROM.044115	041209	TM	LH
1		NY Y1, T1, FU/M, F1, M1	031203	TM	PAAH

FLÖDESSCHEMA | F. O. M. MASKIN NR 003024 | T. O. M. MASKIN NR | TILLH.RITN.NR

Wexiödisk AB
0470-771200

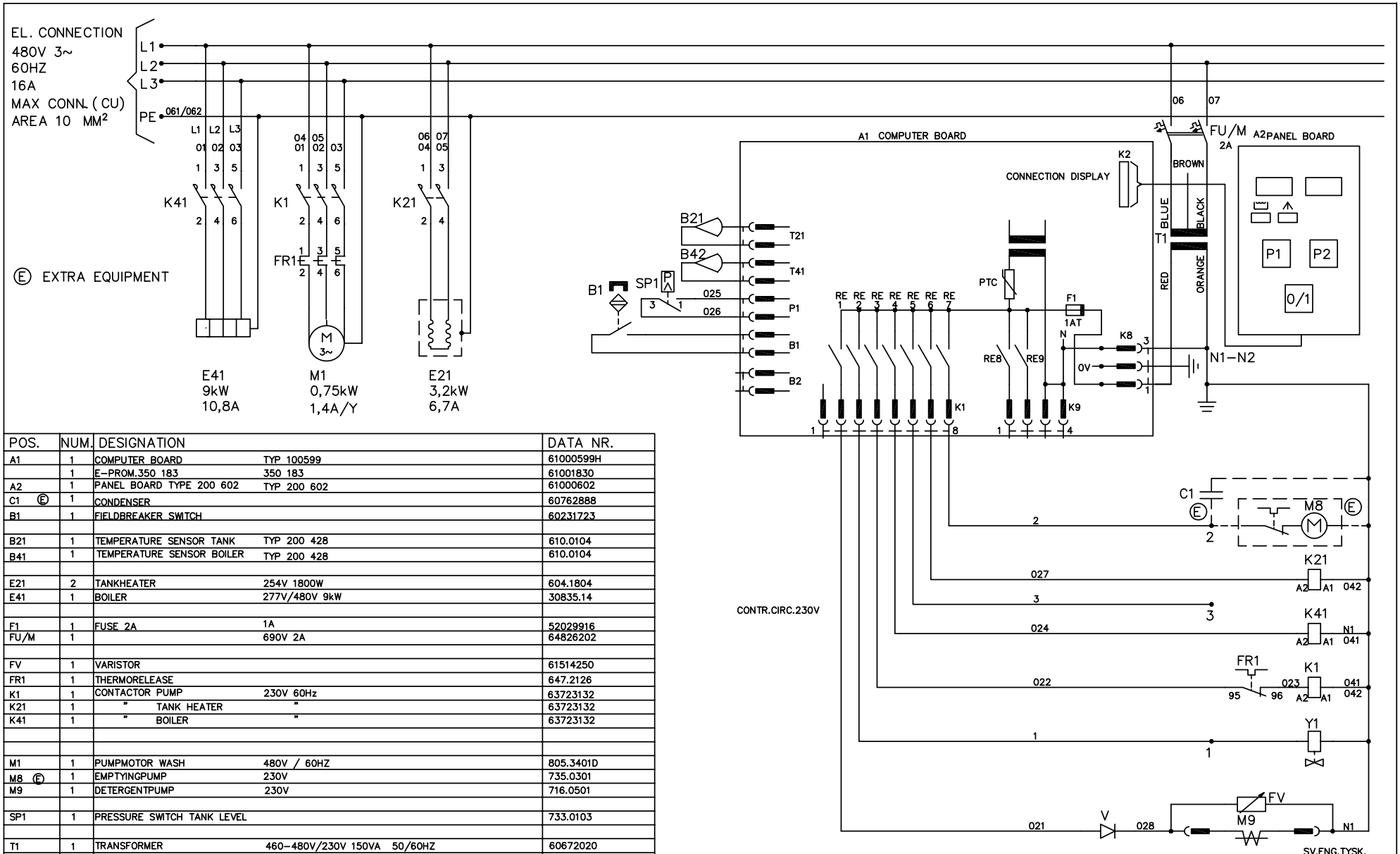
BENÄMNING: WD–6E/METOS WD–6E/MM 6E
440V 3~ 60HZ MARINT UTF.
EL.DIAGRAM 12kW GS.

REG.	DAT.	RITAD
4, 0	000529	AW

RITN.NR	REV.	GODK.
E54812	2	KOK

E54812r2

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
	w61001830	61001830	E-prom 350183
A2	w61000602	5315451	Display 200602
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
C1	w60762888		Condenser 8uF 450V M8 Optional equipment
E21	w604,1804		Heater 1800W 254V
E41	w30835,12		Heater 12kW
F1	w52029916		Fuse 1a slow 5x20
FU/M	w64826202		Circuit breaker
FR10	w647,2125		Thermorelease 0.85-1.3 a Optional equipment
FV	w61514250	5315507	Varistor
K1	w63723132		Contactor CI12 220-230V 50-60Hz
K10	w63723132		Contactor CI12 220-230V 50-60Hz Optional equipment
K21	w63723132		Contactor CI12 220-230V 50-60Hz
K41	w63723132		Contactor CI12 220-230V 50-60Hz
M1	w805,2550C		Pump 2241 440V/60Hz
M8	w735,0301C		Drainpump BE28B4 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001A		Pump PQWm-60-BZ 440V/Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch, gold
T1	w60676720		Transformer 400,440-230V 150VA
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Solenoid valve, housing
Y1	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
	1	E–PROM.350 183	350 183	61001830
A2	1	PANEL BOARD TYPE 200 602	TYP 200 602	61000602
C1 Ⓔ	1	CONDENSER		60762888
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200 428	610.0104
E21	2	TANKHEATER	254V 1800W	604.1804
E41	1	BOILER	277V/480V 9kW	30835.14
F1	1	FUSE 2A	1A	52029916
FU/M	1		690V 2A	64826202
FV	1	VARISTOR		61514250
FR1	1	THERMORELEASE		647.2126
K1	1	CONTACTOR PUMP	230V 60Hz	63723132
K21	1	" TANK HEATER	"	63723132
K41	1	" BOILER	"	63723132
M1	1	PUMPMOTOR WASH	480V / 60HZ	805.3401D
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
T1	1	TRANSFORMER	460–480V/230V 150VA 50/60HZ	60672020
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	230V/50/60Hz	729.2540/729.2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
2		NY Y1	031127	TM	PAAH
3		NYA ELEMENT E21, E41	040406	TM	PAAH
1		NYTT TRAFO.C1TILLK.	021120	CJF	LH

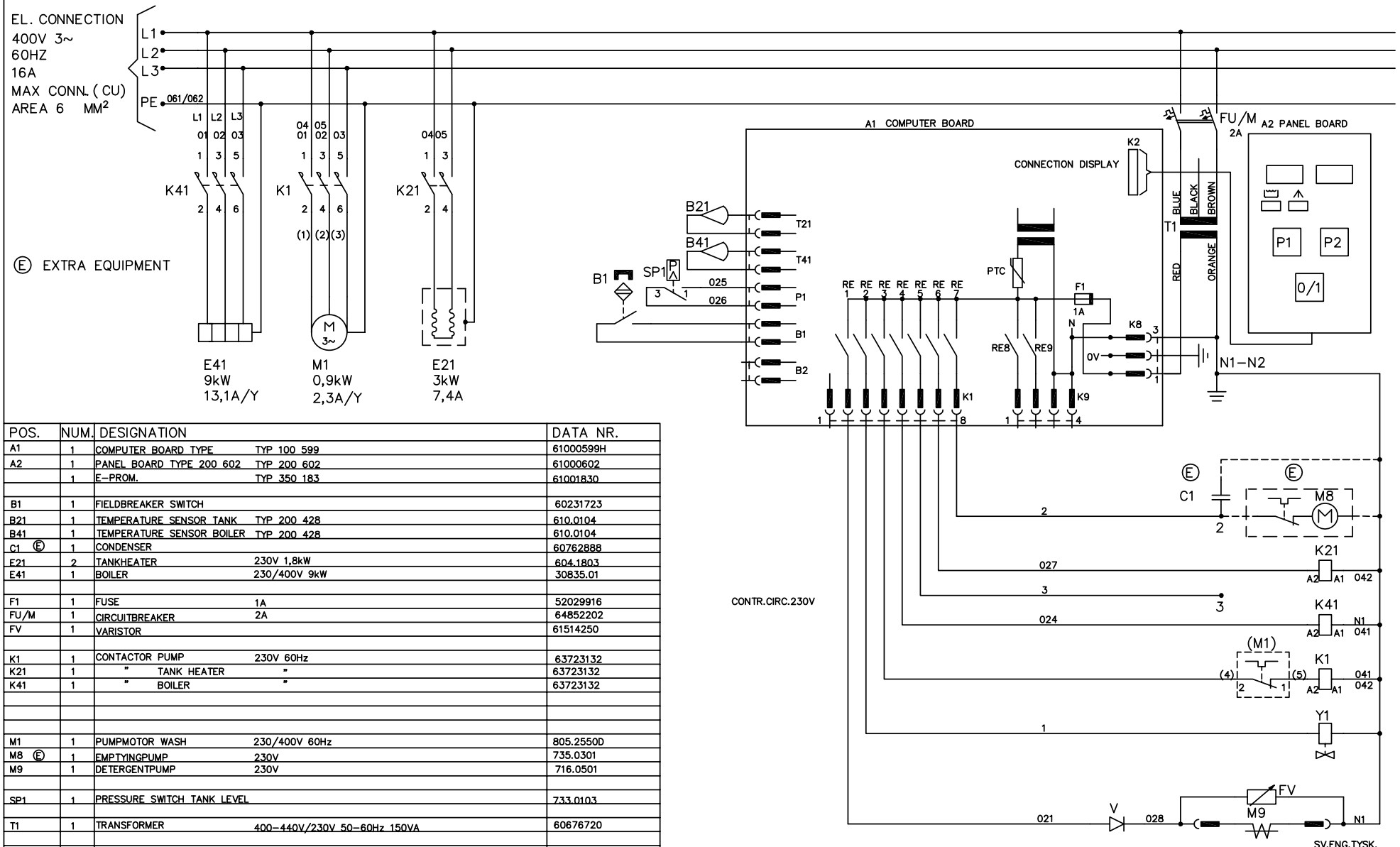
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	003706		

Wexiödisk AB
0470–771200

BENÄMNING	REG.	DAT.	RITAD
WD–6E/METOS WD–6E 480V 3~ 60HZ MARINT UTF. EL.DIAGRAM	4, 0	000911	AW
	RITN.NR E54924	REV. 3	GODK. KOK

E54924r3

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
	w61001830	61001830	E-prom 350183
A2	w61000602	5315451	Display 200602
C1	w60762888		Condenser 8uF 450V M8 Optional equipment
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1804		Heater 1800W 254V
E41	w30835,14		Boiler
F1	w52029916		Fuse 1a slow 5x20
FU/M	w64826202		Circuit breaker
FV	w61514250	5315507	Varistor
FR1	w647,2126		Thermorelease 1.2-1.9 a
K1	w63723132		Contactor CI12 220-230V 50-60Hz
K21	w63723132		Contactor CI12 220-230V 50-60Hz
K41	w63723132		Contactor CI12 220-230V 50-60Hz
M1	w805,3401D		Pump P40-12 PPU 480V 60Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
SP1	w733,0103	5315791	Pressure switch gold
T1	w60672020		Trafo 460-480V/230V 150VA
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD TYPE	TYP 100 599	61000599H
A2	1	PANEL BOARD TYPE 200 602	TYP 200 602	61000602
	1	E-PROM.	TYP 350 183	61001830
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200 428	610.0104
C1 Ⓔ	1	CONDENSER		60762888
E21	2	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	1A	52029916
FU/M	1	CIRCUITBREAKER	2A	64852202
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	230V 60Hz	63723132
K21	1	" TANK HEATER	"	63723132
K41	1	" BOILER	"	63723132
M1	1	PUMPMOTOR WASH	230/400V 60Hz	805.2550D
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
T1	1	TRANSFORMER	400–440V/230V 50–60Hz 150VA	60676720
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	230V 60Hz	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK
4		JUSTERING AV ENG. TEXT	050120	TM	PAAH	2		NY TRAFO T1, C1, F1	040810	TM	PAAH
3		NY MOTOR M1	050113	TM	PAAH	1		NYTT ART.NR. M1	020412	CJF	PAA

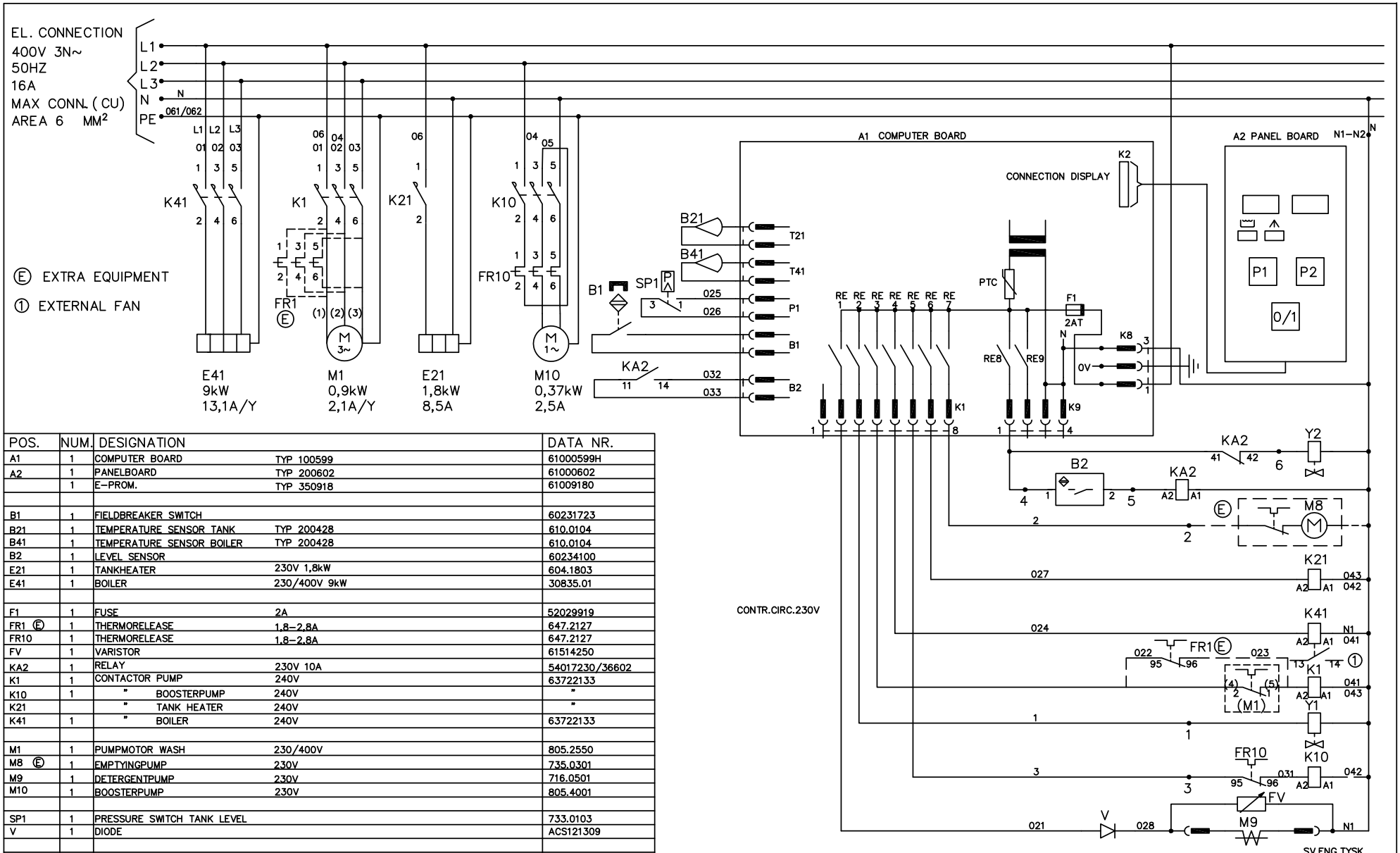
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	003764		

Wexiödisk AB
0470-771200

BENÄMNING	REG.	DAT.	RITAD
WD-6E/METOS WD-6E/MM 6E 400V 3~ 60HZ MARINT UTF. EL.DIAGRAM	4, 0	000911	AW
	RITN.NR E54926	REV. 4	GODK. KOK

E54926r4

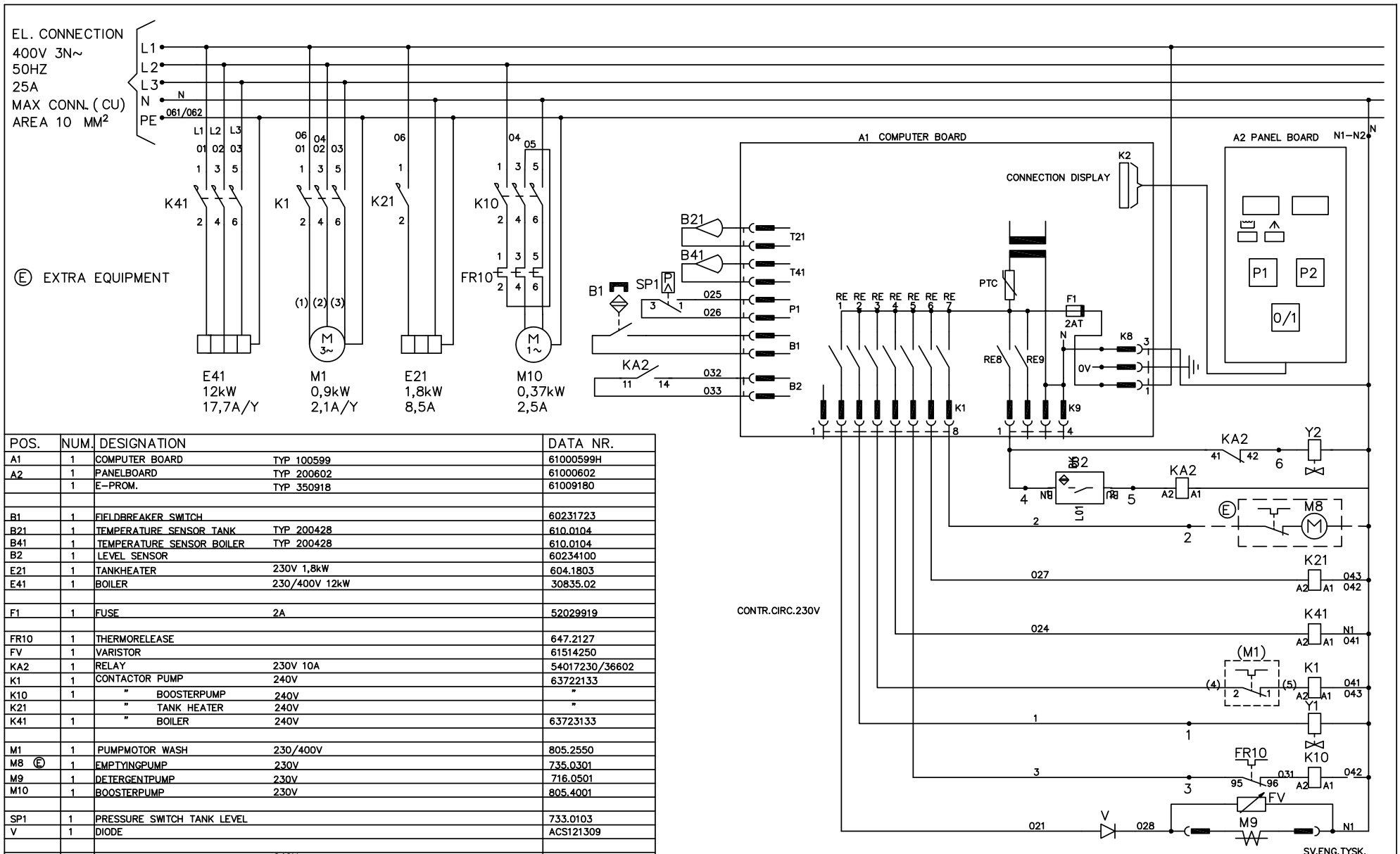
POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E) Tank
B41	w610,0104	5315467	Temp.sensor 1000mm (E) Booster heater
C1	w60762888		Condenser 8uF 450V M8
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64800202		Circuitbreaker TDC 2-pol 2A 415
FV	w61514250	5315507	Varistor
K1	w63723132		Contactor CI12 220-230V 50-60Hz
K21	w63723132		Contactor CI12 220-230V 50-60Hz
K41	w63723132		Contactor CI12 220-230V 50-60Hz
M1	w805,2550D		Pump 2241 230/400V/3/60Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
SP1	w733,0103	5315791	Pressure switch, gold
T1	w60676720		Transformer 400,440-230V 150VA
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Solenoid valve, housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E-PROM.	TYP 350918	61009180
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
B2	1	LEVEL SENSOR		60234100
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FR1 Ⓔ	1	THERMORELEASE	1,8-2,8A	647.2127
FR10	1	THERMORELEASE	1,8-2,8A	647.2127
FV	1	VARISTOR		61514250
KA2	1	RELAY	230V 10A	54017230/36602
K1	1	CONTACTOR PUMP	240V	63722133
K10	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63722133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1,2	2	SOLENOIDVALVE WATER	240V	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61009180		E-prom WD6,7 Airgap
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
B2	w60234100	5320302	Float switch
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FR1	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FR10	w647,2127		Thermorelease 1.8-2.8A
FV	w61514250	5315507	Varistor
KA2	w54017230		Relay
	w54036602		Socket
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63722133	5320004	Contactor CI9 240V/50 16A
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y2	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200602	61000602
	1	E–PROM.	TYP 350918	61009180
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
B2	1	LEVEL SENSOR		60234100
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 12kW	30835.02
F1	1	FUSE	2A	52029919
FR10	1	THERMORELEASE		647.2127
FV	1	VARISTOR		61514250
KA2	1	RELAY	230V 10A	54017230/36602
K1	1	CONTACTOR PUMP	240V	63722133
K10	1	" BOOSTERPUMP	240V	"
K21		" TANK HEATER	240V	"
K41	1	" BOILER	240V	63723133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10	1	BOOSTERPUMP	230V	805.4001
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1,2	2	SOLENOIDVALVE WATER	240V	729.2540/2503

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.
	1	NY Y1 OCH Y2	040312	TM	LH

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK

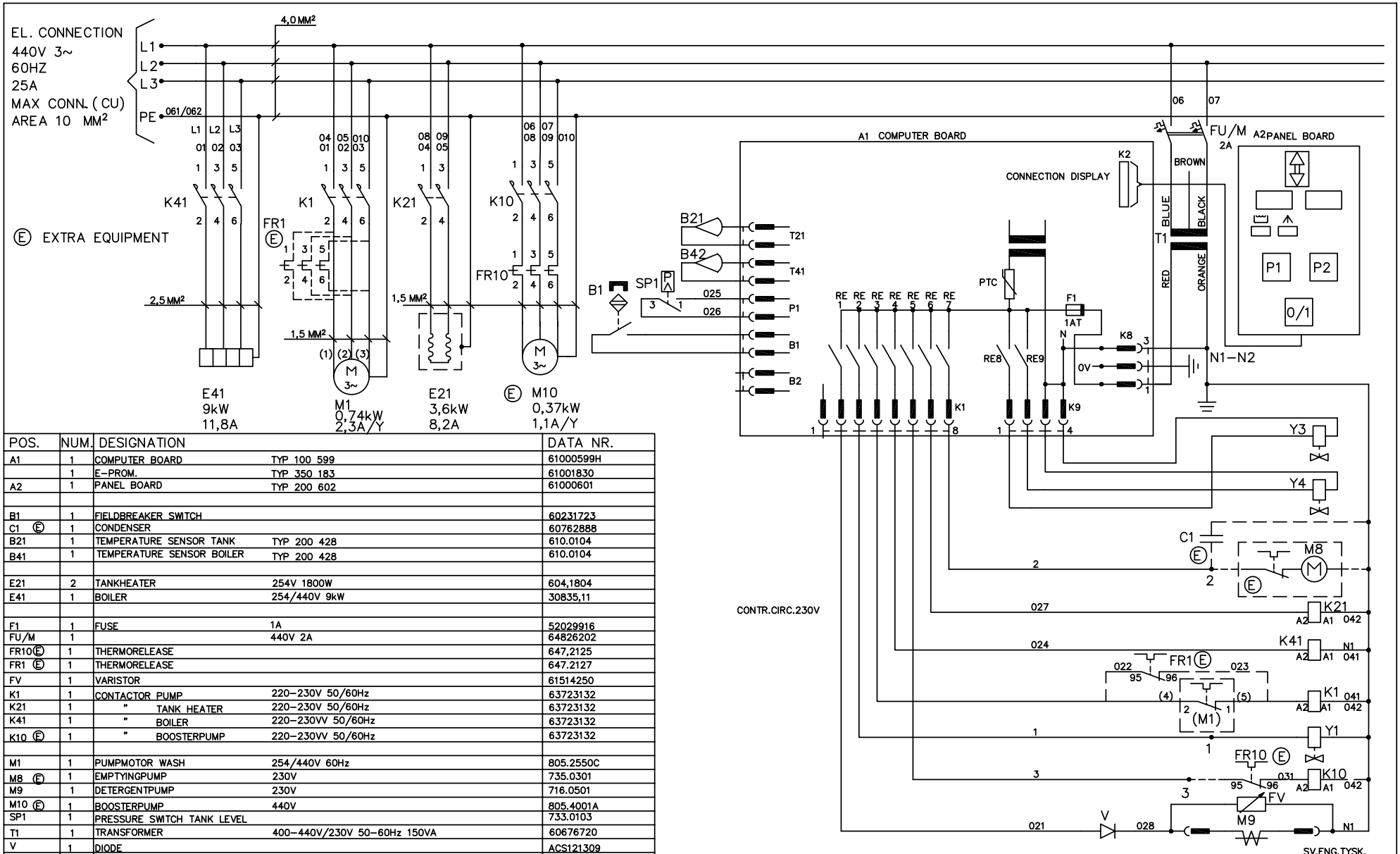
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	022872		

Wexiödisk AB
0470–771200

BENÄMNING	REG.	DAT.	RITAD
WD–6E/METOS WD–6E 400V 3N~ 50HZ 12kW G.S. AIRGAP EL.DIAGRAM	4, 0	020430	CJF
	RITN.NR: E55813	REV.: 1	GODK.: PAAH

E55813r1

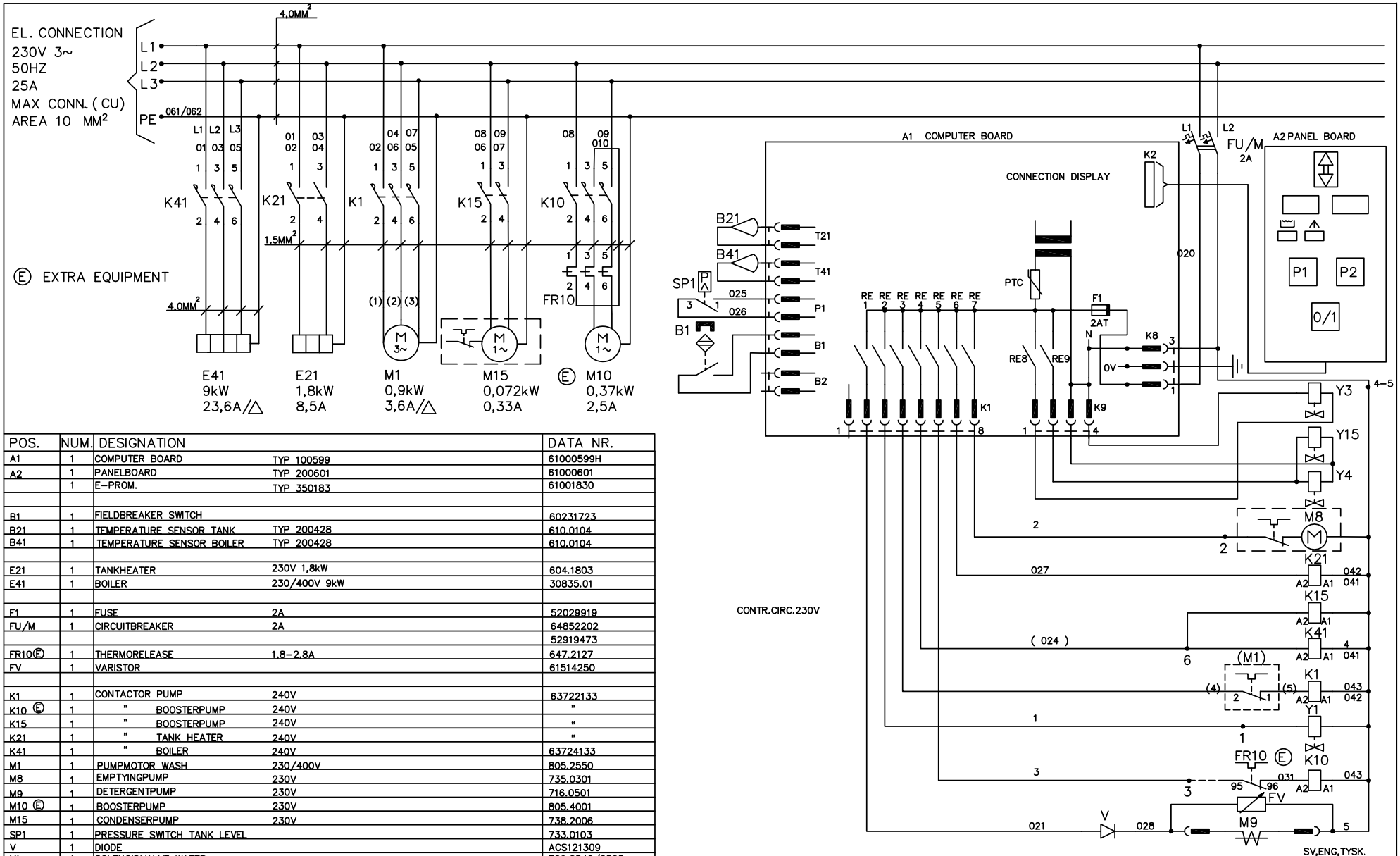
POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000602	5315451	Display 200602
	w61009180		E-prom WD6,7 Airgap
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
B2	w60234100	5320302	Float switch
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,02	5315201	Element 12kW 230/400V
F1	w52029919	5320285	Fuse 2A slow 5x20
FR10	w647,2127		Thermorelease 1.8-2.8A
FV	w61514250	5315507	Varistor
KA2	w54017230		Relay
	w54036602		Socket
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63723133	5315529	Contactor c112 240v/50 20a
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz
SP1	w733,0103	5315791	Pressure switch gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y2	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100 599	61000599H
	1	E-PROM.	TYP 350 183	61001830
A2	1	PANEL BOARD	TYP 200 602	61000601
B1	1	FIELDBREAKER SWITCH		60231723
C1 Ⓔ	1	CONDENSER		60762888
B21	1	TEMPERATURE SENSOR TANK	TYP 200 428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200 428	610.0104
E21	2	TANKHEATER	254V 1800W	604,1804
E41	1	BOILER	254/440V 9kW	30835,11
F1	1	FUSE	1A	52029916
FU/M	1		440V 2A	64826202
FR10 Ⓔ	1	THERMORELEASE		647,2125
FR1 Ⓔ	1	THERMORELEASE		647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	220–230V 50/60Hz	63723132
K21	1	" TANK HEATER	220–230V 50/60Hz	63723132
K41	1	" BOILER	220–230VV 50/60Hz	63723132
K10 Ⓔ	1	" BOOSTERPUMP	220–230VV 50/60Hz	63723132
M1	1	PUMPMOTOR WASH	254/440V 60Hz	805.2550C
M8 Ⓔ	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	440V	805.4001A
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
T1	1	TRANSFORMER	400–440V/230V 50–60Hz 150VA	60676720
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	220V 60Hz	729,2540/2503
Y3	1	" CAP DOWN	240V	"
Y4	1	" CAP UP	240V	"

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
	w61001830	61001830	E-prom 350183
A2	w61000601	5315449	Display 200601
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
C1	w60762888		Condenser 8uF 450V M8 Optional equipment
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1804		Heater 1800W 254V
E41	w30835,11		Heater 9kW
F1	w52029916		Fuse 1a slow 5x20
FU/M	w64864202	5316004	Circuit breaker
FR10	w647,2125		Thermorelease 0.85-1.3 a Optional equipment
FR1	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63723132		Contactor CI12 220-230V 50-60Hz
K21	w63723132		Contactor CI12 220-230V 50-60Hz
K41	w63723132		Contactor CI12 220-230V 50-60Hz
K10	w63723132		Contactor CI12 220-230V 50-60Hz Optional equipment
M1	w805,2550C		Pump 2241 440V/60Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1 Optional equipment
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001A		Pump PQWm-60-BZ 440V/Hz Optional equipment
SP1	w733,0103	5315791	Pressure switch gold
T1	w60676720		Transformer 400,440-230V 150VA
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y3	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW
Y4	w729,2540		Sol.valve housing
	w729,2503		Coil 230/50-60 6kW



POS.	NUM.	DESIGNATION		DATA NR.
A1	1	COMPUTER BOARD	TYP 100599	61000599H
A2	1	PANELBOARD	TYP 200601	61000601
	1	E-PROM.	TYP 350183	61001830
B1	1	FIELDBREAKER SWITCH		60231723
B21	1	TEMPERATURE SENSOR TANK	TYP 200428	610.0104
B41	1	TEMPERATURE SENSOR BOILER	TYP 200428	610.0104
E21	1	TANKHEATER	230V 1,8kW	604.1803
E41	1	BOILER	230/400V 9kW	30835.01
F1	1	FUSE	2A	52029919
FU/M	1	CIRCUITBREAKER	2A	64852202
				52919473
FR10Ⓔ	1	THERMORELEASE	1.8-2.8A	647.2127
FV	1	VARISTOR		61514250
K1	1	CONTACTOR PUMP	240V	63722133
K10 Ⓔ	1	" BOOSTERPUMP	240V	"
K15	1	" BOOSTERPUMP	240V	"
K21	1	" TANK HEATER	240V	"
K41	1	" BOILER	240V	63724133
M1	1	PUMPMOTOR WASH	230/400V	805.2550
M8	1	EMPTYINGPUMP	230V	735.0301
M9	1	DETERGENTPUMP	230V	716.0501
M10 Ⓔ	1	BOOSTERPUMP	230V	805.4001
M15	1	CONDENSERPUMP	230V	738.2006
SP1	1	PRESSURE SWITCH TANK LEVEL		733.0103
V	1	DIODE		ACS121309
Y1	1	SOLENOIDVALVE WATER	240V	729.2540/2503
Y3	1	" CAP DOWN	240V	"
Y4	1	" CAP UP	240V	"
Y15	1	" CONDENSER	240V	"

NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK.	NR	ANT.	ÄNDRING	DATUM	SIGN.	GODK

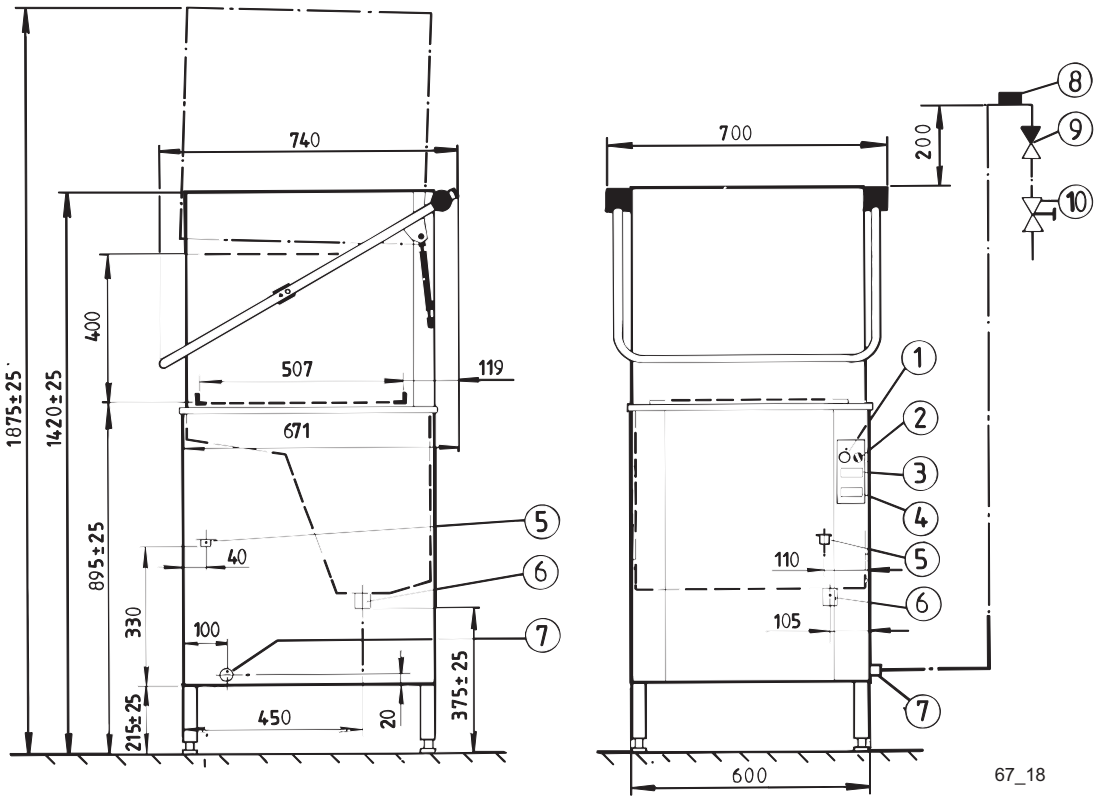
FLÖDESSCHEMA	F. O. M. MASKIN NR	T. O. M. MASKIN NR	TILLH.RITN.NR
	054150		

Wexiödisk AB
0470-771200

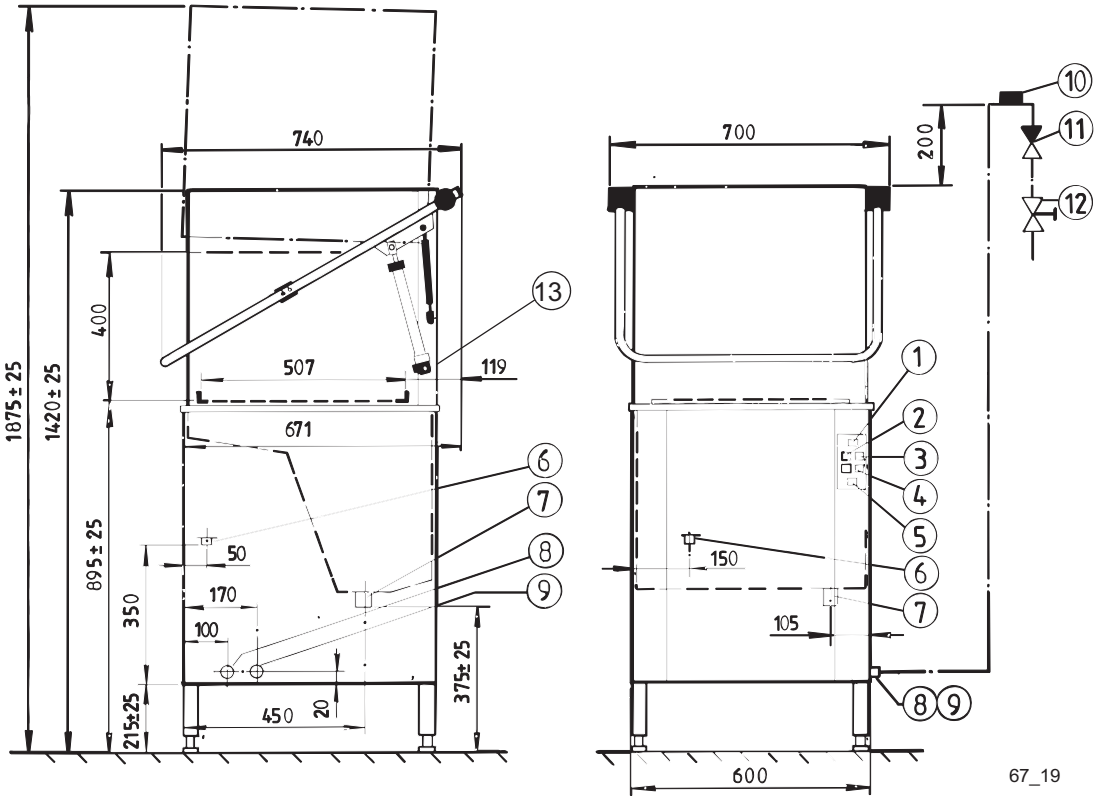
BENÄMNING	REG.	DAT.	RITAD
WD-6EA KONDENSANSLUTNING 230V 3~ 50HZ EL.DIAGRAM	4, 0	041214	TM
	RITN.NR E56297	REV.	GODK. PAAH

E56297

POS	W-CODE	M-CODE	DESCRIPTION
A1	w61000599H		Computer board with e-prom
A2	w61000601	5315449	Display 200601
	w61001830	61001830	E-prom 350183
B1	w60231723	5320339	Fieldbreaker switch w. 2-pole plug
B21	w610,0104	5315467	Temp.sensor 1000mm (E)
B41	w610,0104	5315467	Temp.sensor 1000mm (E)
E21	w604,1803	5315388	Element 1800W 230V
E41	w30835,01	5315199	Element 9kW 230/400V 17,6 ohm
F1	w52029919	5320285	Fuse 2A slow 5x20
FU/M	w64852202		Circuit breaker
	w52919473	5320286	Fuse
FR10	w647,2127		Thermorelease 1.8-2.8A Optional equipment
FV	w61514250	5315507	Varistor
K1	w63722133	5320004	Contactor CI9 240V/50 16A
K10	w63722133	5320004	Contactor CI9 240V/50 16A Optional equipment
K15	w63722133	5320004	Contactor CI9 240V/50 16A
K21	w63722133	5320004	Contactor CI9 240V/50 16A
K41	w63724133	5320004	Contactor 220v (k41)
M1	w805,2550		Pump 2241 230/400V 50Hz
M8	w735,0301	5320022	Pump BE28B4 220/50/1
M9	w716,0501	5316075	Detergent pump GRI 14825
M10	w805,4001		Pump PQWm-60-BZ 230V/50Hz Optional equipment
M15	w738,2006		Condensorpump
SP1	w733,0103	5315791	Pressure switch, gold
V	wACS121309		Diod 1N 4007
Y1	w729,2540		Solenoid valve, housing
Y1	w729,2503		Coil 230/50-60 6kW
Y3	w729,2540		Solenoid valve, housing
Y3	w729,2503		Coil 230/50-60 6kW
Y4	w729,2540		Solenoid valve, housing
Y4	w729,2503		Coil 230/50-60 6kW
Y15	w729,2540		Solenoid valve, housing
Y15	w729,2503		Coil 230/50-60 6kW

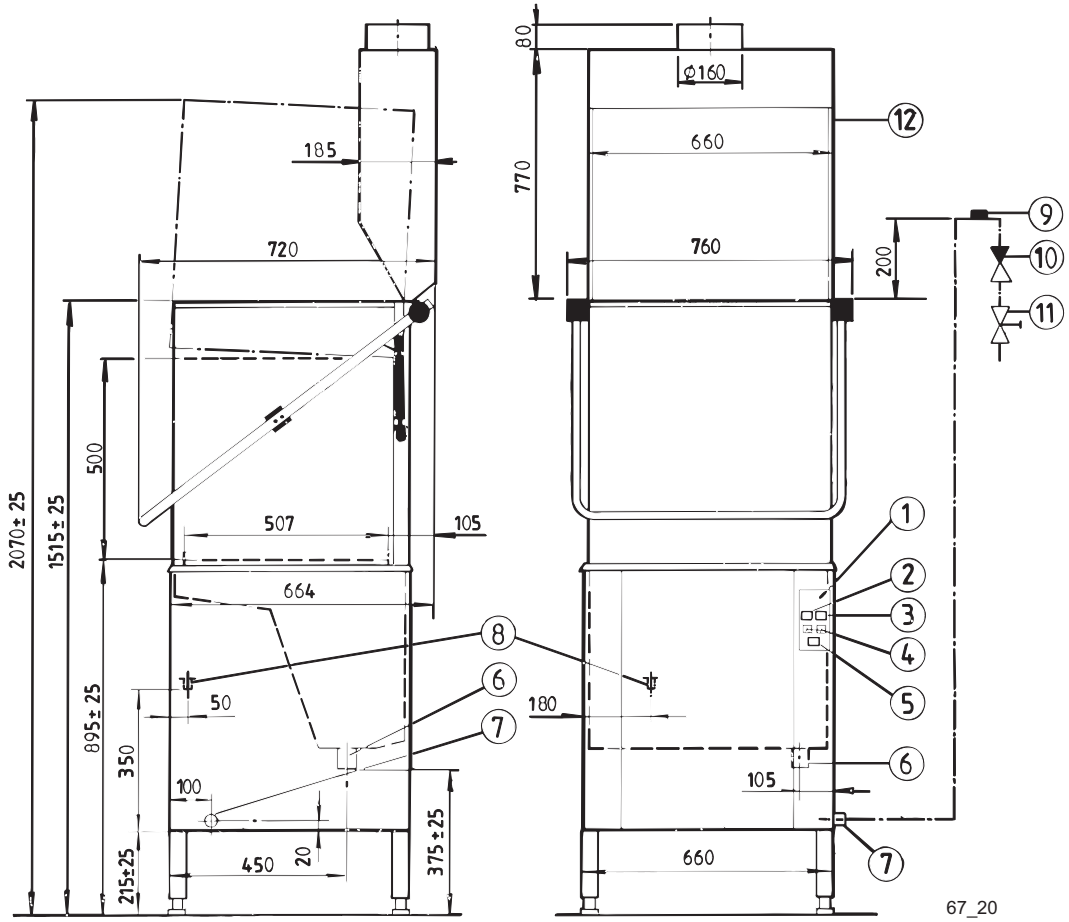


1. Pilot lamp
2. Control knob
3. Thermometer wash temp.
4. Thermometer rinse temp.
5. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal 13-18mm)
6. Drain connection R1½", external thread
7. Hot water connection 55-70°C, R½", external thread
8. Vacuum valve (extra equipment)
9. Non return valve (extra equipment)
10. Stop cock (extra equipment)



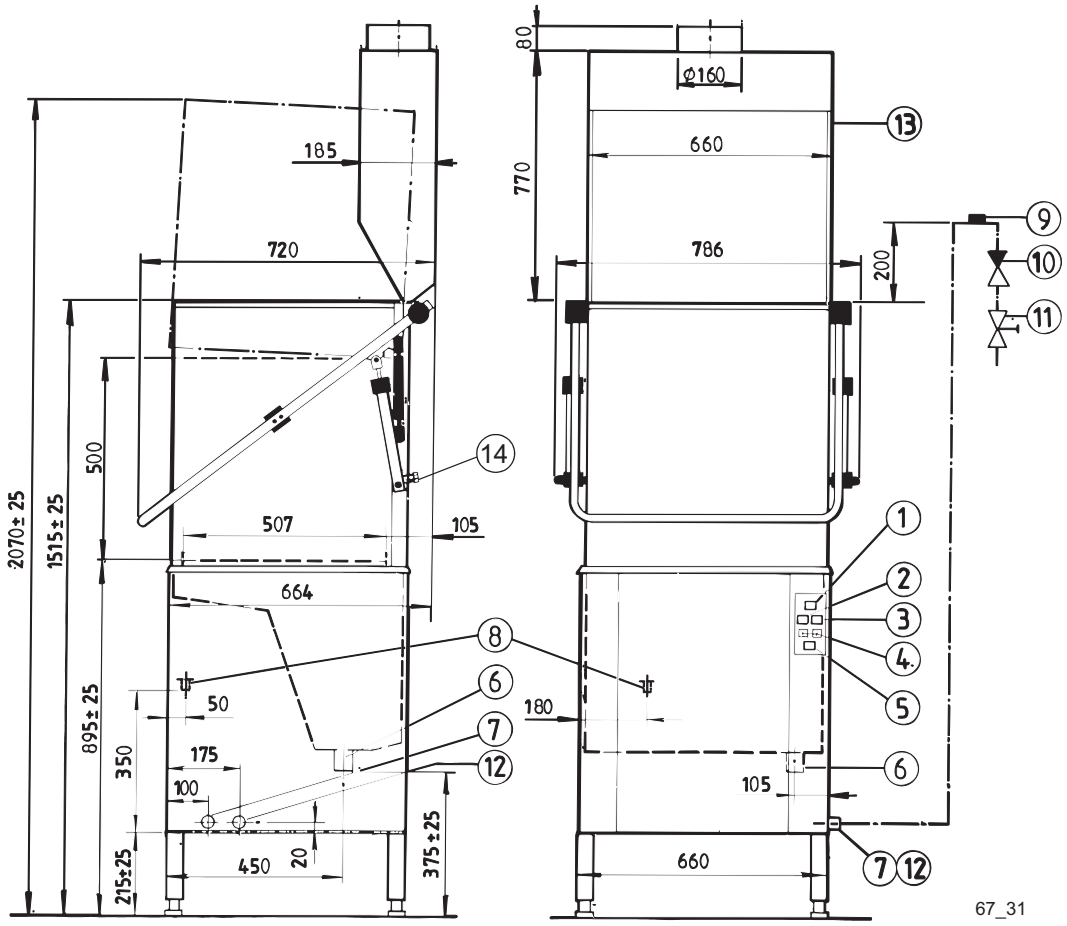
1. Push button hood lift (WD-6EA)
2. Display, temperature
3. Programme indicator
4. Programme selector
5. On / Off
6. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal 13-18mm)
7. Drain connection R1½", external thread
8. Hot water connection 55-70°C R½", external thread
9. Cold water connection 5-12°C R½", external thread (WD-6EA)
10. Vacuum valve (extra equipment)
11. Non return valve (extra equipment)
12. Stop cock (extra equipment)
13. Aeration screw (WD-6EA)

Installations drawing (WD-6E, WD-6EA)



1. Control panel
2. Temperature display,
3. Programme indicator
4. Programme selector
5. On / Off
6. Drain connection R1½", external thread
7. Hot water connection 55-70°C R½", external thread
8. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal. 13-18mm)
9. Vacuum valve (extra equipment)
10. Non return valve (extra equipment)
11. Stop cock (extra equipment)
12. Steam hood (extra equipment)

Installations drawing (WD-7E)



1. Push button hood lift
2. Temperature display
3. Programme indicator
4. Programme selector
5. On / Off
6. Drain connection R1½", external thread
7. Hot water connection 55-70°C R½", external thread
8. Electrical connection (400V: 22,5mm and internal 6-14mm) (230V: 28,3mm and internal. 13-18mm)
9. Vacuum valve (extra equipment)
10. Non return valve (extra equipment)
11. Stop cock (extra equipment)
12. Cold water connection 5-12°C R½", external thread
13. Steam hood (extra equipment)
14. Aeration screw

Item	Model	Type	Accessory	Specification
General data				
Max. surface temperature at room temp. +20°C				35°C
Sound level normally wash (1m from machine)	sd	6,6E		64 dB (A)
Sound level normally wash (1m from machine)	i	6E,6EA		61 dB (A)
Sound level normally wash (1m from machine)		7E,7EH		63 dB (A)
Sound level heavily wash (1m from machine)		7E,7EH		65 dB (A)
Ventilation requirements m³/h				600 m³/h

Installations drawing (WD-7EH)

Item	Model	Type	Accessory	Specification
Total washtime with rinsetime P1		6E,6EA,7E,7EH		1,2 min.
Total washtime with rinsetime P2		6E,6EA,7E,7EH		1,7 min.
Total washtime with rinsetime P3		6E,6EA,7E,7EH		3,2 min.
Max. capacity, baskets/h		6		35 pcs.
Max. capacity, baskets/h		6E,6EA,7E,7EH		50 pcs.
Max. capacity, baskets/h	cw	6E,6EA,7E,7EH		36 pcs.
Basket size				500x500 mm
Weight excl. packaging	sd	6,6E		93 kg
Weight excl. packaging	i	6E,6EA		113 kg
Weight excl. packaging		7É,7EH		120 kg
Packaging weight				15 kg
IP-class				IP 45
Water and drain connections, water consumption				
Recommended quality of water (hardness)				2-7°dH
Hot water connection 55-70°C, external thread				R½"
Cold water connection 5-12°C, external thread		6EA,7EH		R½"
Warm water connection pressure		6,6E,6EA		0,18 MPa
Warm water connection pressure		7E,7EH		0,3 MPa
Warm water flow				18 l/min.
Cold water connection pressure (hood lift)		6EA,7EH		0,3 MPa
Cold water flow (hood lift)		6EA,7EH		2,0 l/min.
Drain connection, external thread				R½"
Floor drain, capacity				3 l/sec.
Tank volume		6,6E,6EA		50 l
Tank volume		7E,7EH		53 l
Final rinse flow				4 l/basket
Electrical connection				
Pump motor		6,6E,6EA		0,75 kW
Pump motor		7E,7EH		1,1 kW
Tank heat				1,8 kW
Booster heater				9 kW
Booster heater	cw			12 kW
Total connected power		6,6E,6EA		9,75 Kw
Total connected power		7E,7EH		10,1 kW
Total connected power	cw	6E,6EA		12,75 kW
Total connected power	cw	7E,7EH		13,1 kW
Main fuse 400V 3N~				16 A

Item	Model	Type	Accessory	Specification

Item	Model	Type	Accessory	Specification
Main fuse 230V 3~				25 A
Max. connection area 400V 3N~ (L1-L3,N,PE) Cu				6 mm²
Max. connection area 230V 3~ (L1-L3,PE) Cu				10 mm²
We reserve the right to change technical data				

e=Electrically heated, cw=Cold water connected, m=Marin, i=Insulated, sd=Uninsulated

6=WD-6, 6E=WD-6E, 6EA=WD-6EA, 7E=WD-7E, 7EH=WD-7EH

dp=Drain pump, bp=Booster pump, re=Re-suction protection, sh=Steam hood

A=3/N/PE~400/230V 50Hz, B=~250V 16A 50Hz, C=3/N/PE~380/220V 50Hz, D=3/PE~200V 50-60Hz, F=2/PE 220–240V 50Hz, G=3/N/PE~415/240V 50Hz, H=3/PE~230V 50Hz, I=3/PE~220V 60Hz, J=3/PE~380 50Hz, K=3/PE~400V 50Hz, L=3/PE~415V 50Hz, M=3/PE~440V 60Hz, N=3/PE~460V 60Hz, O=3/PE~480V 60Hz, P=1/N/PE~220-240V 50Hz, R=2/PE~220-230V 60Hz, S=3/N/PE~400/230V 50Hz, T=3/PE~230V 60Hz, U=1/N/PE~100V 50-60Hz

Item	Model	Type	Accessory	Specification

Wexiödisk

EU Declaration of Conformity

Manufacturer

Wexiödisk AB
Mårdvägen 4
SE-352 45 Växjö, Sweden
Tel: +46 470 77 12 00
Fax: +46 470 237 52

Our machines are manufactured 2006 in accordance with applicable EU directives and we declare under sole responsibility that the following products:

Single tank dishwashers:
WD-4, WD-4E, WD-6, WD-6E, WD-6EA, WD-7E, WD-7EH, WD-9, WD-9A

Pot wash machines:
WD-12GHE, WD-80GR, WD-100GR

Tunnel dishwashers with accessories:
WD-11, WD-151/211/241, WD-151E/211E/241E/331E/421E, WD-153/213/243/333/423, WD-PRM60/90, T-60/90/180, T-90°/180°

Conveyor dishwashers*:
WD-B xxE, WD-xxCT, WD-40BRE, ACS-38/47

Special dishwashers*:
WD-18CW, WD-25BR, WD-25T, WD-8020/8020W, WD-9020/9020W, WD-8020WL, ACS400/ ACS800/ ACS-SET

Conform to the following directives:

EU Declaration of Conformity
according to EU's Machinery Directive 98/37/EEC, annex IIA.

Harmonised standards

EN 12 100-1	Machine safety: specification for general requirements, part 1
EN 12 100-2	Machine safety: specification for general requirements, part 2.
EN 60 204-1	Machine safety: electrical equipping of machines: general requirements

EU Declaration of Conformity
according to EU's Low-voltage directive 73/23/EEC and 93/68/EEC.

Harmonised standards

EN 60 529	Specification for degrees of protection provided by enclosures (IP code).

For products marked with *

EN 60 204-1	Machine safety: electrical equipping of machines: general requirements

For other products

EN 60 335-1	Safety of household and similar electrical appliances - General requirements.
EN 60 335-2-58	Specification for safety of household and similar electrical appliances. Particular requirements. Commercial electric dishwashing machines.
EN 50106	Safety - Particular rules for routine tests.

EU Declaration of Conformity
according to EU's EMC-directive 89/336/EEC, 92/31/EEC and 93/68/EEC.

Harmonised standards

EN 61 000-6-2	Electromagnetic compatibility (EMC). Generic standards. Immunity standard for industrial environments.
EN 55 014-1	Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. (EMC) - Part 1: Emission

Växjö 02-01-2006

Torsten Nyberg
Managing Director