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ENGLISH

A SAFETY INSTRUCTIONS

To reduce the risk of fire, electrical shock, or injury when using your potwasher, please follow these basic precautions including the following:

- Read all instructions before using your potwasher.
- This Manual does not cover every possible condition and situation that may occur. Use common sense and caution when installing, operating and maintaining this appliance.
- Do not sit, stand or lean on the door or racks of a potwasher.
- Store potwasher detergent and rinse agents in clearly marked packages with MSDS (Material Safety Data Sheets) sheets in a safe place.
- FOR YOUR SAFETY DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUID IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.
- Your potwasher uses hot water to clean and sanitize a variety of wares. Machine surfaces and wares become hot during and immediately following normal operations. Operators should use caution when loading and unloading wares from the machine.
- Do not touch the heating element during or immediately after use.
- The installation of this unit must conform to local codes or, in the absence of local codes, to all National Codes governing plumbing, sanitation, safety and good trade practices.
- **BEFORE SERVICING, DISCONNECT THE ELECTRICAL SERVICE AND PLACE A RED TAG AT THE DISCONNECT SWITCH TO INDICATE WORK IS BEING DONE ON THAT CIRCUIT.**
- **NOTICE:** CONTACT YOUR AUTHORIZED SERVICE COMPANY TO PERFORM MAINTENANCE AND REPAIRS.
- **NOTICE:** Using any parts other than genuine factory manufactured parts relieves the manufacturer of all warranty and liability.
- **NOTICE:** Manufacturer reserves the right to change specifications at any time without notice.
- **WARNING:** The equipment warranty is not valid unless the appliance is installed, started and demonstrated under the supervision of a factory trained installer.
- **WARNING:** The unit must be installed by Personnel who are qualified to work with electricity and plumbing. Improper installation can cause injury to personnel and/or damage to the equipment. The unit must be installed in accordance with applicable codes.

SAVE THESE INSTRUCTIONS

B GENERAL RECOMMENDATIONS

WARNING

CAREFULLY READ THE INSTALLATION OPERATING AND MAINTENANCE INSTRUCTIONS BEFORE INSTALLING THIS APPLIANCE. INCORRECT INSTALLATION, ADAPTATIONS OR ALTERNATIONS COULD CAUSE DAMAGE TO PROPERTY OR PERSONAL INJURY. FAILURE TO COMPLY WITH THESE INSTRUCTIONS, ABUSE RESULTING IN DAMAGE AND IMPROPER INSTALLATION WILL VOID WARRANTY AND RESPONSIBILITIES OF THE MANUFACTURER.

1. Carefully read this instructions booklet, as it contains important advice for safe installation, operation and maintenance. Keep this booklet handy in a safe place for future reference.
2. **The installation instructons contained herein are for the use of qualified installation and service personnel only. Installation or service by other than qualified personnel may result in damage to the appliance and/or injury to the operator. FAILURE TO COMPLY WITH INSTALLATION INSTRUCTION OR IMPROPER INTALLATION WILL VOID WARRANTY AND RESPONSIBLITIES OF THE MANUFACTURE.**
3. The equipment warranty is not valid unless the unit is installed, started and demonstrated under the supervision of a factory trained installer.
4. Switch off the appliance in the event of failure or malfunctioning at the main circuit breaker.

Only have the appliance repaired by an Authorized Service Center and be sure to ask for OEM original spare parts.

NOTICE FOR SHIPPING DAMAGE

- The container should be examined for damage before and during unloading.
- The freight carrier has assumed responsibility for its safe transit and delivery.
- If damaged equipment is received, either apparent or concealed, a claim must be made with the delivering carrier. Apparent damage or loss must be noted on the freight bill at the time of delivery.
- The freight bill must then be signed by the carrier representative (Driver). If the bill is not signed, the carrier may refuse the claim. The supply can supply the necessary forms.
- A request for inspection must be made to the carrier within 15 days if there is concealed damage or loss that is not apparent until after the equipment is uncrated. The carrier should arrange an inspection.
- Be certain to hold all contents plus all packing material. Under no circumstances should a damaged appliance be returned to the manufacturer without prior notice and written authorization.

B1 HANDLING

Use suitable means to move the appliance: a lift truck or fork pallet trucks (the forks should reach more than halfway beneath the appliance).

B2 UNPACKING

Wear protective gloves to unpack.

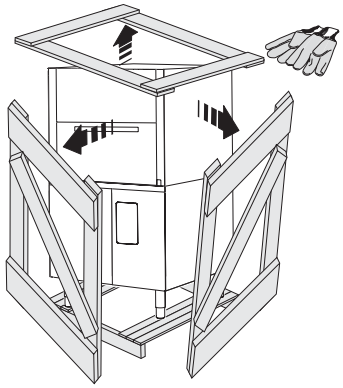


Figure 1

Lift the appliance using a lift truck,

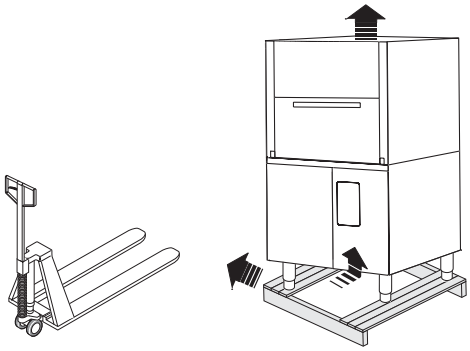


Figure 2

remove the base and position the appliance where it is to be installed.

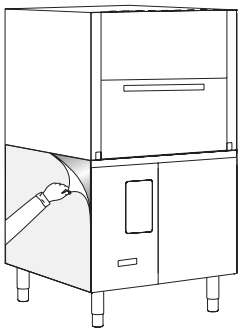


Figure 3

Remove the protective film and ensure that the packaging material is disposed of correctly in compliance with the regulations in force in the country where the product is to be used.

B3 DISPOSAL OF PACKING MATERIAL

All the packaging materials are environmentally safe and friendly. They maybe kept without fear or danger. They may be recycled or burned in a special waste incineration plant. Recyclable plastic components are marked as follows:

PE	**polyethylene**	**external wrapping film, instruction bag.**
PP	**polypropylene**	**top packaging panels, straps.**
PS	**polystyrene foam**	**protective surround elements.**

Wood and cardboard components may be disposed of according to local regulations in force. Appliances that have reached the end of their service life should be suitably disposed of. The appliance should be dismantled according to regulations in force. All metal parts are in stainless steel (AISI 304) and are removable. Plastic parts are marked with the symbol of the material.

B4 TECHNICAL DATA

MODEL	WT830M/PW1M	WT830H/PW1MH	WT850M/PW2M
Supply voltage:	208 V, 3 ph, 60 Hz 45 amp	208 V, 3 ph, 60 Hz 45 amp	208 V, 3 ph, 60 Hz 56 amp
Total Watts	14.8 kW	14.8 kW	17.5 kW
Boiler heating elements	12.0 kW	12.0 kW	12.0 kW
Tank heating elements	12.0 kW	12.0 kW	12.0 kW
Water supply pressure	7.25 - 101 psi/50 - 700 kPa	7.25 - 101 psi/50 - 700 kPa	7.25 - 101 psi/50 - 700k Pa
Water supply temperature	122°F/50°C	122°F/50°C	122°F/50°C
Water supply hardness	140 ppm/14°fH max	140 ppm/14°fH max	140 ppm/14°fH max
Rinse cycle water consumption	1.6 gallons/6.2 liters	1.6 gallons/6.2 liters	3.2 gallons/12 liters
Boiler capacity	4.8 gallons/18 liters	4.8 gallons/18 liters	4.8 gallons/18 liters
Tank capacity	25.1 gallons/95 liters	25.1 gallons/95 liters	39.6 gallons/150 liters
Standard cycle time with water supply at 122°F/50°C	360/600/900 seconds	360/600/900 seconds	360/600/900 seconds
Legal noise level Leq	<70 dB	<70 dB	<70 dB
Minimum Supply - Circuit Ampacity	48 amp	48 amp	62 amp
Net weight	441 lb/200 kg	476 lb/216 kg	661 lb/300 kg
Shipping weight	606 lb/275 kg	628 lb/285 kg	849 lb/385 kg
Shipping width	44 1/16“ / 1120 mm	44 1/16“ / 1120 mm	70 7/8“ / 1800 mm
Shipping height	86 5/8“ / 2200 mm	94 1/2“ / 2400 mm	86 5/8“ / 2200 mm
Shipping depth	43 5/16“ /1100 mm	43 5/16“ /1100 mm	43 5/16“ /1100 mm

Table 1

MODEL	WT830M/PW1M	WT830H/PW1MH	WT850M/PW2M
Supply voltage:	240 V, 3 ph, 60 Hz 39 amp	240 V, 3 ph, 60 Hz 39 amp	240 V, 3 ph, 60 Hz 49 amp
Total Watts	14.8 kW	14.8 kW	17.5 kW
Boiler heating elements	12.0 kW	12.0 kW	12.0 kW
Tank heating elements	12.0 kW	12.0 kW	12.0 kW
Water supply pressure	7.25 - 101 psi/50 - 700 kPa	7.25 - 101 psi/50 - 700 kPa	7.25 - 101 psi/50 - 700k Pa
Water supply temperature	122°F/50°C	122°F/50°C	122°F/50°C
Water supply hardness	140 ppm/14°fH max	140 ppm/14°fH max	140 ppm/14°fH max
Rinse cycle water consumption	1.6 gallons/6.2 liters	1.6 gallons/6.2 liters	3.2 gallons/12 liters
Boiler capacity	4.8 gallons/18 liters	4.8 gallons/18 liters	4.8 gallons/18 liters
Tank capacity	25.1 gallons/95 liters	25.1 gallons/95 liters	39.6 gallons/150 liters
Standard cycle time with water supply at 122°F/50°C	360/600/900 seconds	360/600/900 seconds	360/600/900 seconds
Legal noise level Leq	<70 dB	<70 dB	<70 dB
Minimum Supply - Circuit Ampacity	41 amp	41 amp	54 amp
Net weight	441 lb/200 kg	476 lb/216 kg	661 lb/300 kg
Shipping weight	606 lb/275 kg	628 lb/285 kg	849 lb/385 kg
Shipping width	44 1/16“ / 1120 mm	44 1/16“ / 1120 mm	70 7/8“ / 1800 mm
Shipping height	86 5/8“ / 2200 mm	94 1/2“ / 2400 mm	86 5/8“ / 2200 mm
Shipping depth	43 5/16“ /1100 mm	43 5/16“ /1100 mm	43 5/16“ /1100 mm

Table 2

Standard cycle time may vary should the inlet water temperature be different from that indicated above.

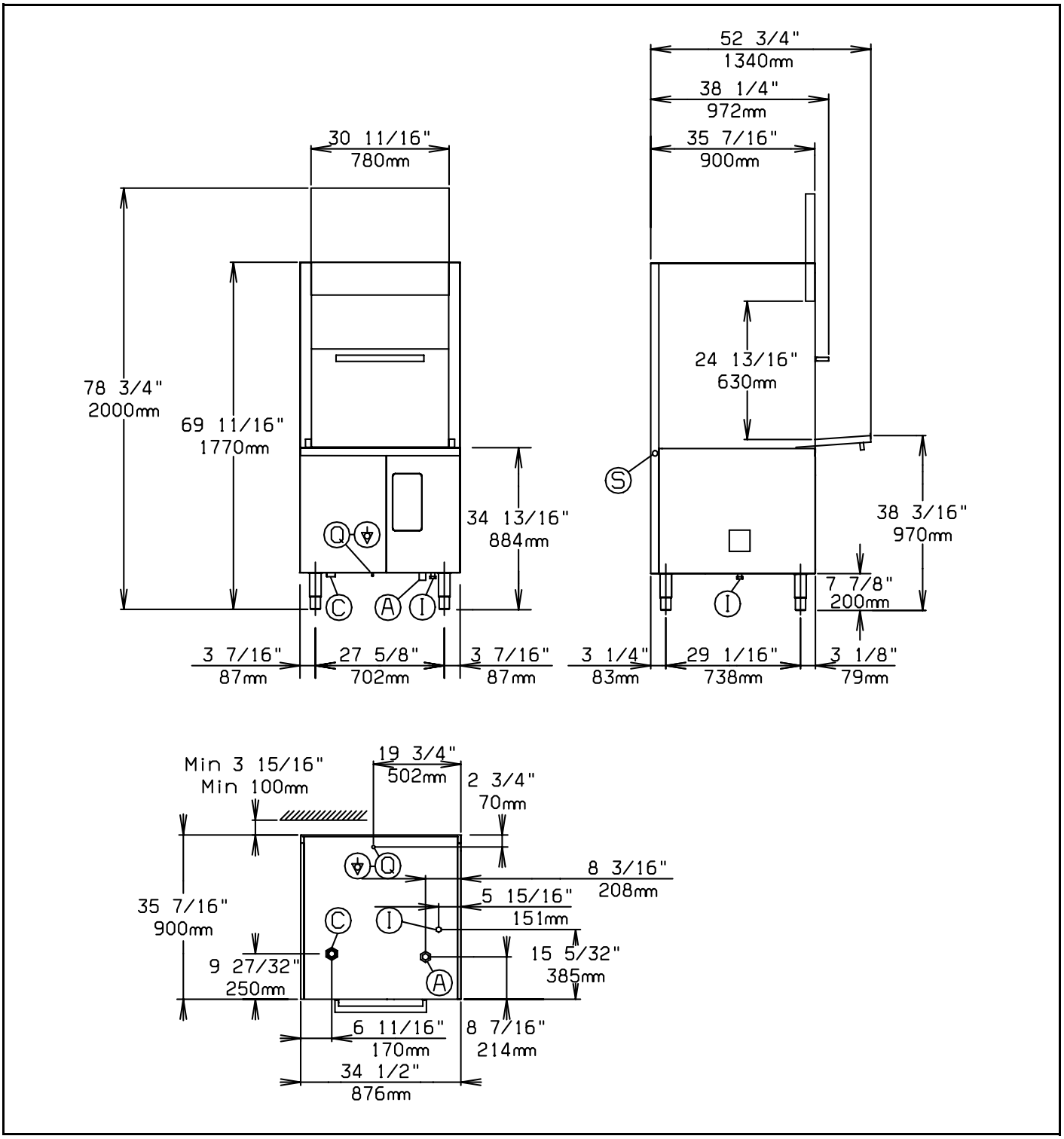


Figure 4 Installation diagram PW1M

Legend Figure 4

A - Water inlet pipe with 3/4"dia/19mm fittings
C - Outlet pipe 1 5/8" ID /40 mm (^) –11/16" ID /18 mm (*).
I - Power supply
S - Detergent connection
Q - Equipotential (Ground) screw
(^) - Only for model with free-fall drainage
(*) - Only for model with drain pump

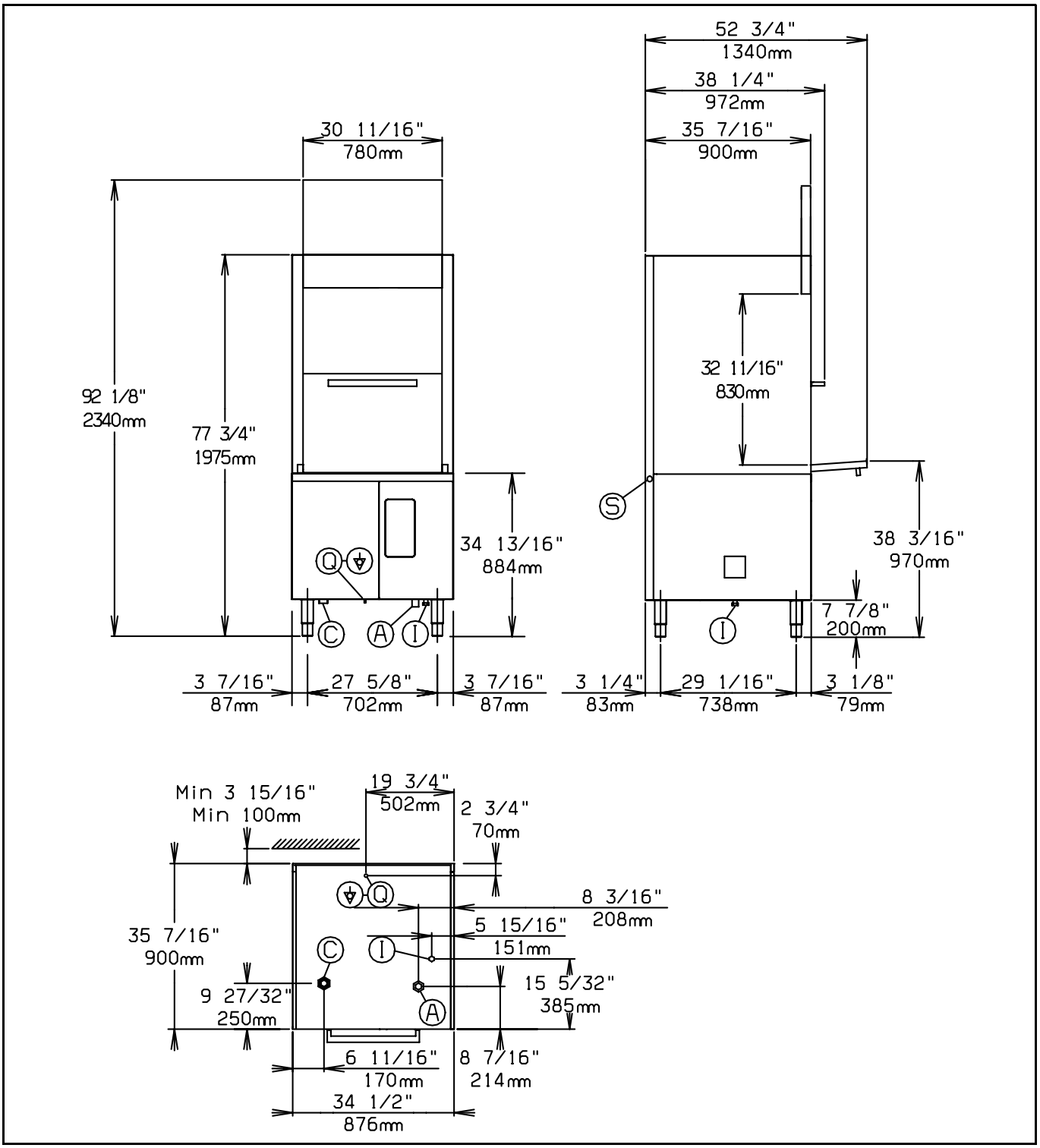


Figure 5 Installation diagram PW1MH

Legend Figure 5

A - Water inlet pipe with 3/4"dia/19mm fittings
C - Outlet pipe 1 5/8" ID /40 mm (^) –11/16" ID /18 mm (*).
I - Power supply
S - Detergent connection
Q - Equipotential (Ground) screw
(^) - Only for model with free-fall drainage
(*) - Only for model with drain pump

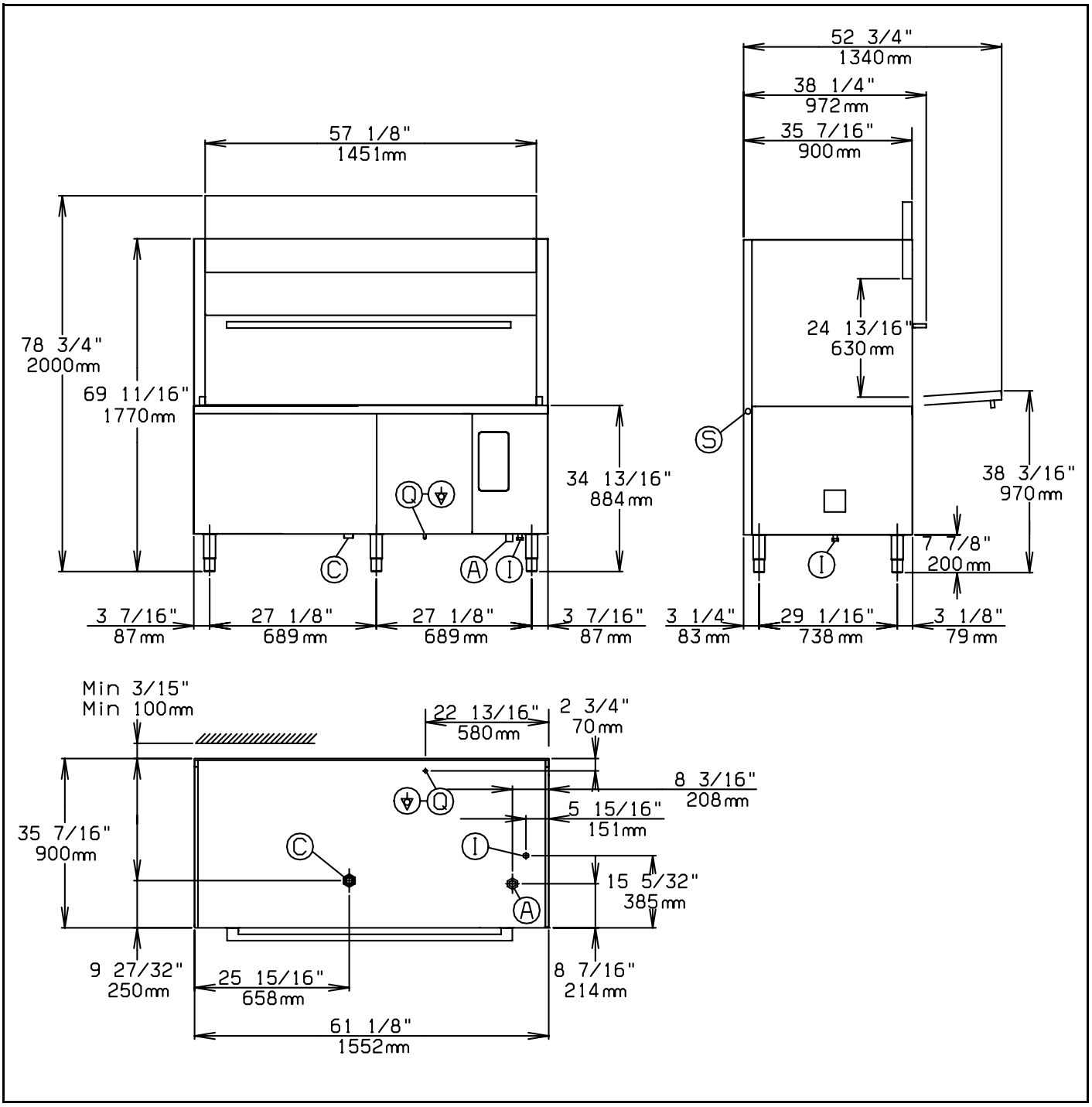


Figure 6 Installation diagram PW2M

Legend Figure 6

A - Water inlet pipe with 3/4”dia/19mm fittings
C - Outlet pipe 1 5/8” ID /40 mm (^) –11/16” ID /18 mm (*).
I - Power supply
S - Detergent connection
Q - Equipotential (Ground) screw
(^) - Only for model with free-fall drainage
(*) - Only for model with drain pump

C INSTALLATION AND START-UP INSTRUCTIONS

A fused disconnect switch or a main circuit breaker (customer furnished) MUST be installed in the electric supply line for the appliance. It is recommended that this switch/circuit breaker have lockout/tagout capability. Before making any electrical connections to this appliance, check that the power supply is adequate for the voltage, amperage, and phase requirements on the rating plate.

RATING PLATE

The rating plate contains identification and technical data and is located on the right-hand side panel of the appliance (Figure 7).

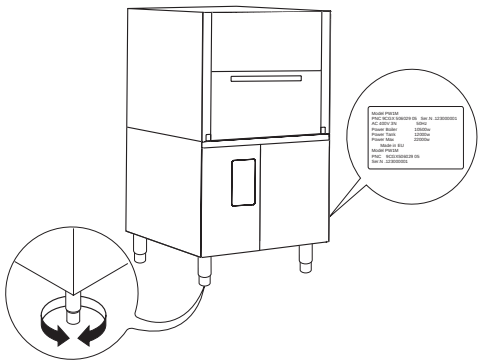


Figure 7

C1 WATER CONNECTION

- Position the potwasher and level the appliance by adjusting the appropriate bullet feet (Figure 7).
- Connect the appliance water supply pipe “A” (Figure 4/Figure 5/Figure 6) (keeping with local plumbing codes) to the incoming water supply. Install a shutoff valve, Y-Strainer and a pressure gauge between the appliance and the incoming water supply of the unit (Figure 8).

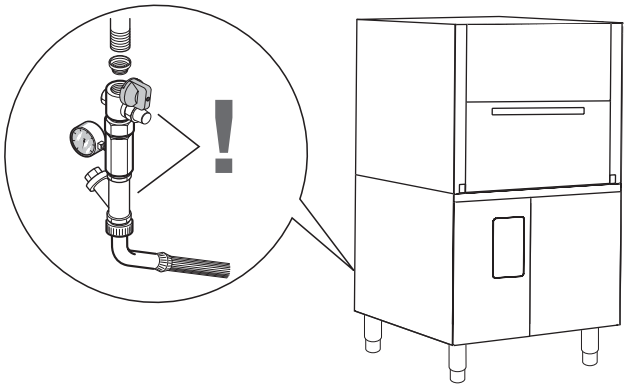


Figure 8

- Check that the **dynamic** water supply **pressure** measures **between 7.25 - 101 psi/50 - 700kPa** while potwasher tank or boiler is filling with water.

If the pressure is too high, install a suitable pressure regulator on the incoming water supply to the unit.

On models with free-fall drainage:

connect the waste outlet pipe “C” (Figure 4/Figure 5/ Figure 6) to the main drain pipe, using a trap, or place the outlet pipe over an “S” trap set into the floor.

On models with drain pump:

position the outlet pipe at a height anywhere between 29 1/2” to 39 3/8”/750 and 1000 mm from the floor.

Check that about 1 gallon/4 litres of water flow out of the outlet pipe during the rinse cycle.

Make sure drain hose does not kink, pinch or twist, resulting in a water flow restriction.

C2 ELECTRICAL CONNECTION

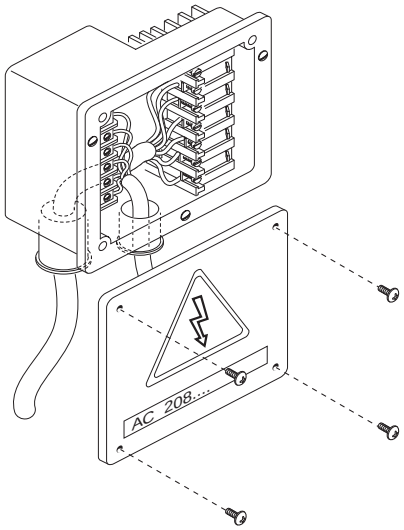


Figure 9

CAUTION
THE ELECTRICAL CONNECTIONS MUST MEET ALL NATIONAL AND ELECTRICAL CODE REQUIREMENTS.

The installation of this unit must conform to local codes or, in the absence of local codes, to all National Codes governing plumbing, sanitation, safety and good trade practices.

- Check the over rating plate before making any electric supply connections. Electric supply connections must agree with data on the unit rating plate.
- The earth wire at the terminal end must be 3/4”/20 mm (max.) longer than the phase wires.
- The appliance requires a ground connection to the unit ground screw located at the rear of the unit marked “Q” (Figure 4/Figure 5/Figure 6) in the manual and marked with the symbol “⏚“ on the unit.

The ground wire must have a cross section of AWG 6/13,3 mm^2. Do not use the wiring conduit or other piping for ground connections. If necessary, have the electrician supply the ground wire.

WARNING
Before servicing unit switch off power at the main circuit breaker and place a red tag on the breaker to indicate work is being done on that circuit.

Power supply 208V 3ph or 240V 3ph

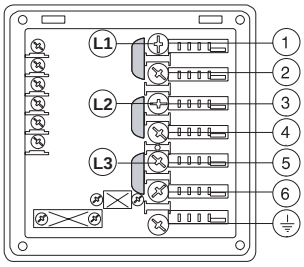


Figure 10

Open the power supply terminal box and insert the jumpers provided as follows: one jumper between terminals 1 and 2, one between terminals 3 and 4 and another between terminals 5 and 6. Using a suitable power supply cable, connect the three phases to terminals 1, 3, 5, and the earth wire to the terminal ⏚.

Connections provided for energy control

This appliance is designed for an external energy consumption control.

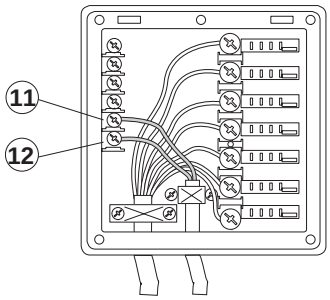


Figure 11

Connect the energy peak controller across terminals 11 and 12.

CAUTION
A normally open (n.o.) contact of the controller must be connected across terminals 11 and 12. When this contact closes the boiler heating elements are disconnected. Using the potwasher in these conditions may increase the cycle time.

Safety devices

- An automatic resettable thermally protectived device incorporated in the windings of the electric pump cuts off the electricity supply in the case of malfunctioning.
- In the event of water mains failure, a back-flow device prevents water in the boiler from returning into the mains.
- An overflow pipe, connected to the drainage outlet, maintains the water in the tank at a constant level.
- On models with a drain pump, a supplementary level control device activates if the main level control device is faulty.

Failure to comply with safety rules and regulations relieves the manufacturer of all liability.

C3 WARNING MESSAGES DISPLAYED ON THE CONTROL PANEL

A1 NO WATER

- Check that the shutoff valve is open
- Check that the water inlet filter is clean
- Check the minimum main pressure is not less than 7.25 psi/50kPa
- Check that the overflow pipe is inserted

B1 INSUFFICIENT DRAINAGE

- Check if the overflow has been removed.
- Check for obstruction on the waste outlet pipe and the overflow aperture.

B2 TANK WATER LEVEL TOO HIGH

- Check for obstruction on the waste outlet pipe and the overflow aperture.

C1..C8 CALL THE AUTHORIZED SERVICE CENTER

E1..E8 CALL THE AUTHORIZED SERVICE CENTER

- The appliance continues to operate, but appropriate checks by an authorized technician are recommended.

C4 DETERGENT/RINSE-AID DISPENSERS AND SETTINGS

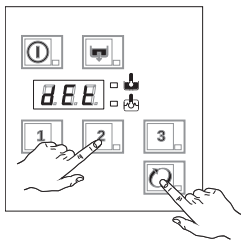
All operations should be carried out with the appliance switched on but no cycle selected.

MANUAL ACTIVATION

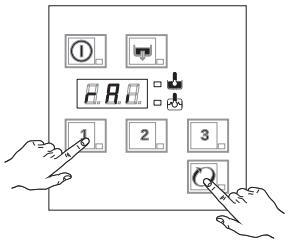
Whenever the detergent containers are replaced, it may be necessary to activate the dispensers manually in order to fill the hoses and eliminate any air.

Simultaneously press the buttons, as shown in the figures below.

If necessary, repeat this operation several times.



DETERGENT DISPENSER



RINSE-AID DISPENSER

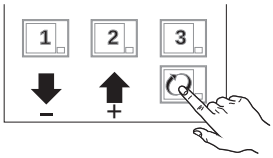
C5 SETTING THE DISPENSERS

All operations should be carried out with the appliance switched on, the door open and no cycle selected.

LEGEND

Increase

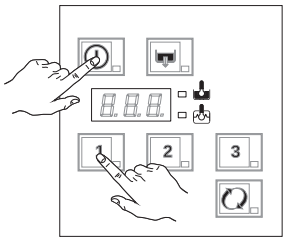
Decrease



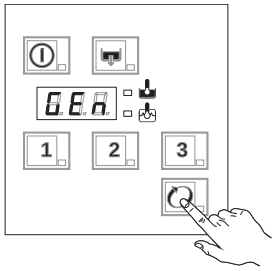
Confirm or select next parameter

SEQUENTIAL START

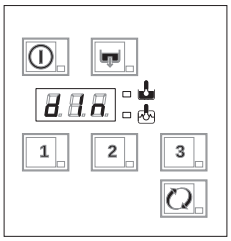
Press the indicated buttons simultaneously for 5 seconds:



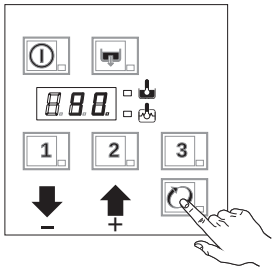
Display of programming mode:



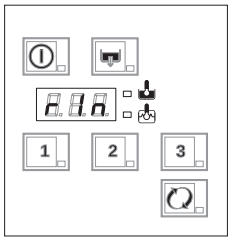
Initial amount of detergent:



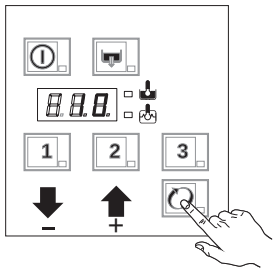
Setting the activation time:



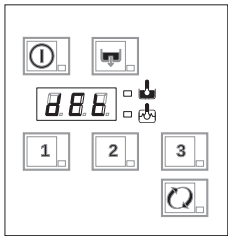
Initial amount of rinse-aid:



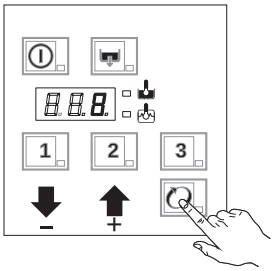
Setting the activation time:



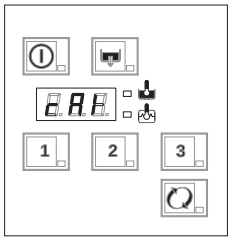
Amount of detergent during the cycle:



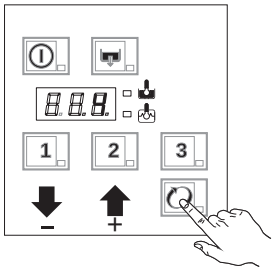
Setting the activation time:



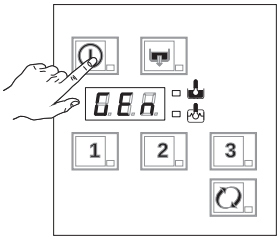
Amount of rinse-aid during the cycle:



Setting the activation time:



Exit from programming mode:



Notes for external dispensers:

- if **dEt: 181** **the detergent dispenser** only operates during **wash pump** operation; terminals **7 and 9** of the main terminal box are powered at the same time.
- if **dEt: 182** **the detergent dispenser** only operates during **filling electrovalve** operation for restoring the boiler level; terminals **7 and 9** of the main terminal box are powered at the same time.
- if **rA i:61** **the rinse-aid dispenser** only operates during **filling electrovalve** operation for restoring the boiler level; terminals **8 and 9** of the main terminal box are powered at the same time.
- if **rA i:62** **the rinse-aid dispenser** only operates during **wash pump** operation; terminals **8 and 9** of the main terminal box are powered at the same time.

For connections, see the wiring diagram.

Example:

Supposing that an external detergent dispenser has been connected with a tank concentration measuring sensor, a standard setting could be as follows:

din:0 the dispenser is not activated during filling of the tank.

dEt: 181 the dispenser is activated during wash pump operation and, thanks to the concentration measured by the conduction sensor, the correct amount of detergent is dispensed.

Suggestion: to check the effectiveness of the rinse-aid, look at freshly washed glasses against the light. Drops of water remaining on the glass indicate an insufficient amount, while streaks on glass indicate an excess amount.

Changing the detergent/rinse-aid type

If changing to a **different detergent/rinse-aid type** (even one by the same manufacturer), you must rinse the suction and pressure hoses with fresh water before connecting the new detergent/rinse-aid container. Otherwise, the mixing of different types of detergent/rinse-aid will cause crystallisation, which may result in a breakdown of the dosing pump. Failure to observe this condition will invalidate the warranty and product liability.

NOTICE: This machine must be operated with an automatic detergent feeder and, if applicable, an automatic chemical sanitizer feeder, including a visual means to verify that detergents and sanitizers are delivered or a visual or audible alarm to signal if detergents and sanitizers are not available for delivery to the respective washing an sanitizing systems. Please see instructions for electrical and plumbing connections located in this manual and in the feeder equipment manual.

D USER INSTRUCTIONS

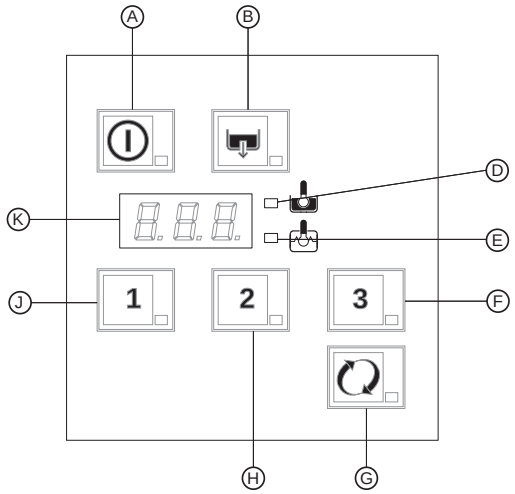
Our appliances have been studied and optimized to give the highest performance. This appliance must be used exclusively for the purpose for which it has been designed, i.e. for washing pans with water and specific detergents. Any other use will be considered “improper use” and will void the warranty and manufacturer liability.

This appliance will not carry out the rinse cycle should there be no supply water; it stops all functions and an error message “A1” will be displayed (also see “Warning Messages Displayed On The Control Panel”).

TIPS

- Carry out a couple of cycles without pans to flush out any industrial grease which have remained in the tank and piping.
- Avoid washing decorated pans.
- Do not allow pots and pans to come into contact with other metals.
- Do not allow food to dry on the pots and pans.
- Remove large food scraps from the pots and pans to prevent clogging the filters.
- Pre-wash the pots and pans by spraying them with cold or lukewarm water, do not use any detergent.
- Use automatic dispensers for the detergent.
- If there is no automatic dispenser, pour a non-foaming detergent into the tank when the water has reached the washing temperature.

CONTROL PANEL



LEGEND:
A = on/off
B = drain/self-cleaning cycle
K = display
D = “tank” indicator light
E = “boiler” indicator light
J = wash cycle 1
H = wash cycle 2
F = wash cycle 3
G = wash cycle infinite

Figure 12

The temperature shown on the display is that of the boiler if the indicator light “E” is on or of the tank if the light “D” is on. The tank temperature is displayed during the wash cycle and the boiler temperature during the rinse cycle.

D1 STARTING

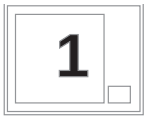
- Open the water supply shutoff valve.
- Switch unit on at the main circuit breaker.
- Open the door and check that all the components are in their correct position.
- Close the door and press on/off “A” button.

The indicator light of the on/off button “A” (Figure 12) comes on, indicating that the potwasher is powered and that water is being introduced and heated. The word “FILL” is shown on the display during the entire filling and heating stage:

If the door is opened during this stage the message "CLOSE" will scroll on the display:

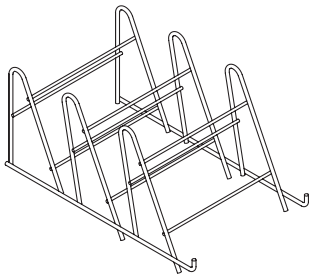
The filling and heating stage has finished when the display shows the tank temperature:

To display the boiler temperature during heating of the tank, open the door and press “J” button (Figure 12).

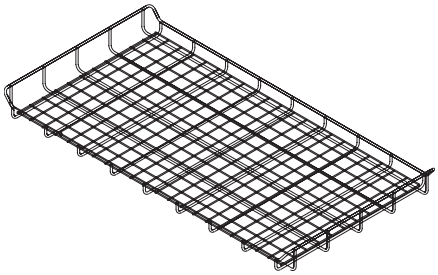


Supplied racks

- Tray rack: PW1M/WT830M/PW1MH/WT830MH = 1 piece; PW2M/WT850M = 2 pieces.



- Basket for pots and pans.



D2 WASH CYCLES

The wash cycle includes one wash with hot water and detergent (158°F/70°C min.) and one rinse with hot water and rinse-aid (183°F/84°C min.).

Table of times

Standard cycle time with supply water at 122°F/50°C.

	I	II	III	IV
PW1M/WT830M	360 sec	600 sec	900 sec	INFINITE
PW1MH/WT830MH	360 sec	600 sec	900 sec	INFINITE
PW2M/WT850M	360 sec	600 sec	900 sec	INFINITE

A device lengthens the cycle time if the water in the boiler has not reached the minimum temperature for correct rinsing.

The cycle times and the temperature may be personalised (e.g. increase of the rinse time and temperature).

The cycle times should only be set by an Authorized Service technician.

D3 OPERATION

The filling and heating stage has finished when the display shows the tank temperature:

The appliance is then ready for use:

- Open the door.
- Pour the required amount of detergent into the tank.
- Insert the dirty pots and pans upside down on the basket (Figure 13/ Figure 14).
- Tie pots and pans with supplied rubber bands “S” as showed in Figure 13/ Figure 14.

CAUTION: Do not stack pots and pans one on top of another as water must have free access to all sides of every pot or pan. Leave a minimum gap of 4" / 101 mm between pans and the edge of the rack (Figure 13/ Figure 14).

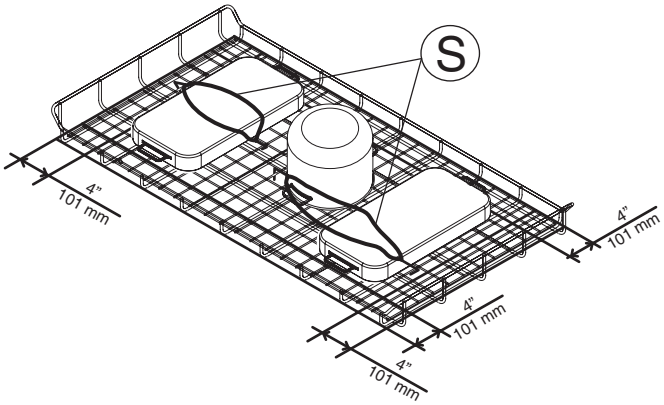


Figure 13

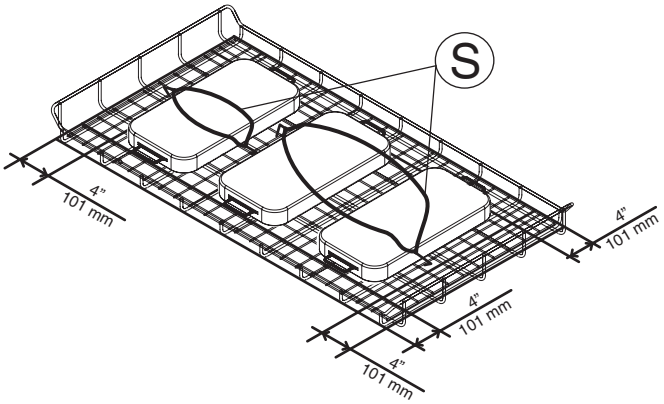


Figure 14

CAUTION: Do not allow handles to protrude through bottom of rack, they may block wash and rinse arms rotation (Figure 15).

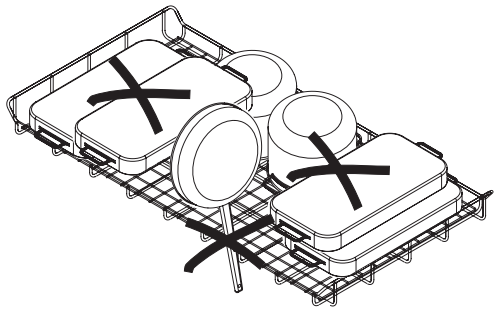


Figure 15

Increase / decrease the wash force

To wash lightweight pots and pans:

- unscrew the wing nut “X” (Figure 16);
- push the relief valve “Y” (Figure 16) inwards to reduce pressure in the lower wash arm and increase it in the upper arm, so that the pots and pans remain in position;
- retighten the wing nut “X” (Figure 16).

To wash large, heavy pots and pans:

- unscrew the wing nut “X” (Figure 16);
- take out the relief valve “Y” (Figure 16);
- retighten the wing nut “X” (Figure 16).

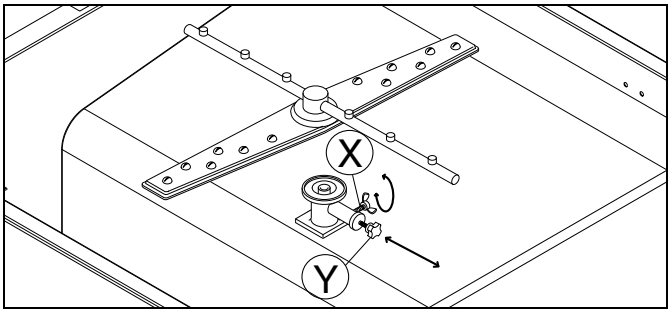
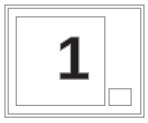


Figure 16

Close the door and select the suitable wash cycle; the corresponding indicator light comes on and the wash cycle starts:

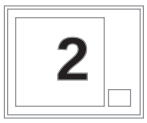
- **Cycle I**

For lightly soiled pots and pans: press “J” button (Figure 12) (see table of times).



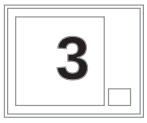
- Cycle II (recommended)

For normally dirty pots and pans: press “H” button (Figure 12) (see table of times).



- Cycle III

For very dirty pots and pans: press “F” button (Figure 12) (see table of times).



- Cycle IV

For particularly dirty pots and pans with dried food residue, pans with a special shape or for other specific needs of the user: press “G” button (Figure 12), which initiates a continuous wash until the operator selects an automatic cycle.

- To stop the wash cycle, just press the selected cycle button or open the door.
- To continue the wash cycle, just press the selected cycle button or close the door. The cycle starts again from where it stopped.
- At the end of the wash, the potwasher emits a series of beeps and “END” blinks on the display:

lift the door and remove the rack containing the clean pans.

WARNING

The appliance will not remove burnt food deposits from pans. Pans with burnt-on food deposits should be cleaned manually using detergent before putting them in the potwasher.

Change the water in the tank at least twice a day.

D4 END OF WORK AND DAILY CLEANING

The appliance is designed to carry out an automatic cleaning cycle to help flush out any residues and to guarantee greater health and hygiene:

- Open the door and take out the rack containing the clean pans.
- Remove the tank filters “C”-”D”-”E” and the overflow “W” to drain the water from the tank (Figure 17).

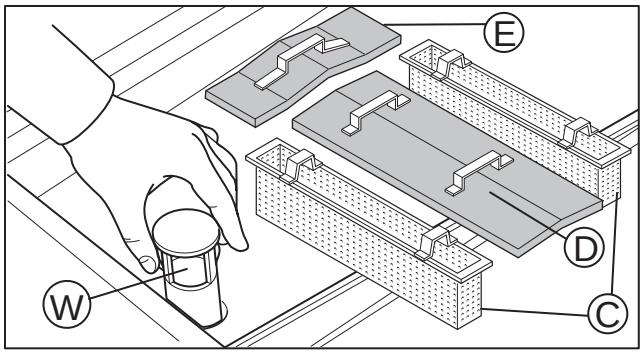
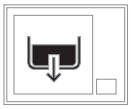


Figure 17

- Close the door.
- Select the drain cycle by pressing “B” button (Figure 12).



The message "CLE" ("CLEAN") will be displayed throughout the drain cycle:

- After a few minutes, 3 beeps indicate the end of the cleaning cycle and “END” blinks on the display:

- Switch off the potwasher by pressing “A” button (Figure 12).

- Switch unit off at the main circuit breaker.
- Close the water shutoff valve.
- Replace the filters and the overflow.

Cleaning the nozzle jets

- Remove the top and bottom jets “F” and “I”, unscrewing the ring nut “H”.

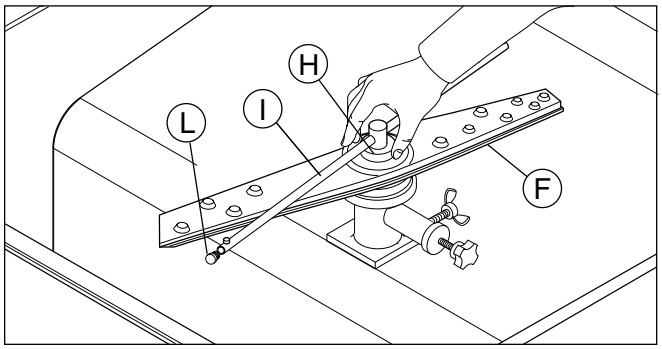


Figure 18

- Unscrew plugs “L” from the rinse jets and clean using a water spray. Do not use sharp implements to clean the nozzle holes, which could otherwise be damaged.
- Remove jet “P” (Figure 19) by turning it clockwise and pulling it out.
- Unscrew plugs “R” (Figure 19) from the side jets.

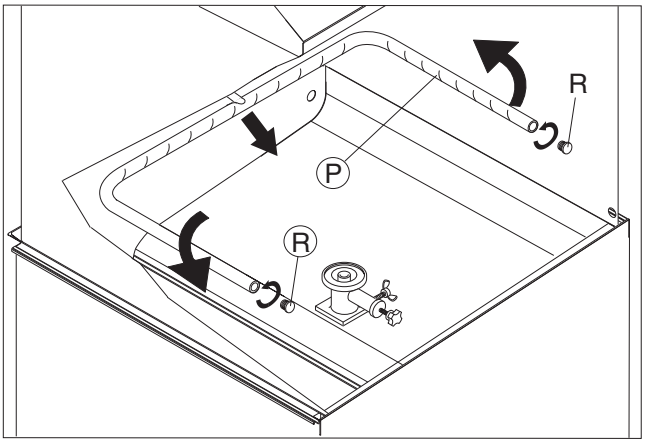


Figure 19

- Clean all parts using a water spray. In particular, for jet “P” use warm soapy water and a soft brush “Z” if necessary (Figure 20). Do not use sharp implements to clean nozzle holes.

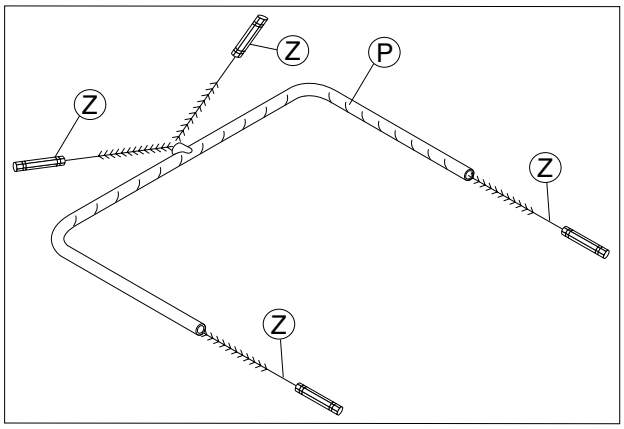


Figure 20

Cleaning the pump filter

- Remove the pump filter “M” and clean any food trapped in filter.

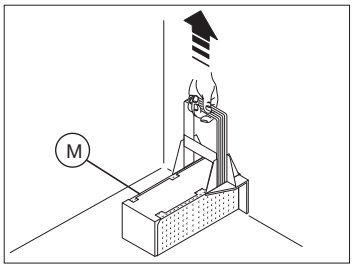


Figure 21

Clean the tank

- Open the door for access to the tank (Figure 22):
- lift the lever “S” and pull the door outwards;
- gently lower the door.
- Clean the tank using a water spray to flush waste out through the drain outlet.

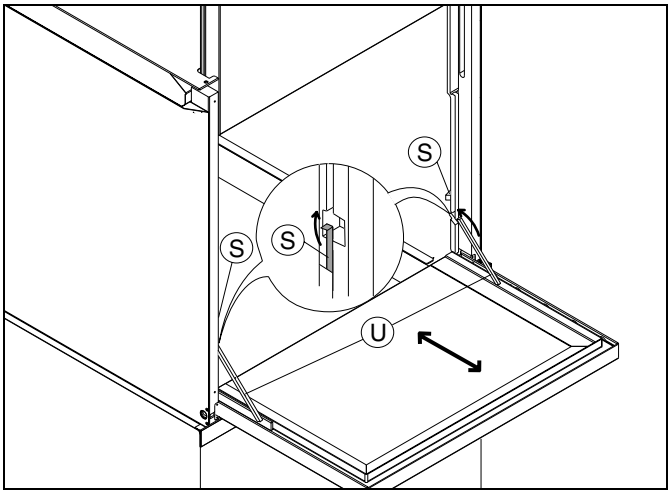


Figure 22

Carry out the above operations in the reverse order to re-assemble all the previously disassembled parts.

- Replace the door (Figure 22):
- Lift the door as far as movement permits (horizontal).
- gently push the door inwards to prevent it from tilting.
- Insert the levers “U” into their seats and push the door until the slide blocks are no longer visible. Operations have been accomplished correctly if the actual door closes properly.
- Close the door.

Cleaning the exterior surfaces

Before carrying out any cleaning operations, turn off the power at the main circuit breaker.

Clean the stainless steel surfaces using warm soapy water; never use detergents containing abrasive substances nor steel scrapers, common wire wool, brushes or scrapers; rinse thoroughly using a wet cloth and carefully wipe dry.

Clean the control panel using a soft damp cloth and a neutral detergent if necessary.

Do not wash the appliance using direct or high-pressure water jets. To reduce the emission of pollutants into the environment, clean the appliance (externally and where necessary internally) with products having a biodegradability of over 90%.

Leave the door opened whenever the appliance is not in use.

D5 MAINTENANCE

DELIMING

WARNING: DELIMING SOLUTION, RINSE AGENTS OR ANY OTHER KIND OF ACID MUST NOT COME IN CONTACT WITH BLEACH OR RINSE SOLUTION CONTAINING BLEACH USED IN CHEMICAL-SANITIZING MACHINES. MIXING MAY CAUSE HAZARDOUS GAS TO FORM. THIS ENTIRE PROCEDURE MUST BE FOLLOWED STEP BY STEP FOR SAFE AND SATISFACTORY RESULTS.

DELIME THE POTWASHER ON A REGULAR BASIS AS REQUIRED. The regurarity will depend on mineral content of the supply water. Deliming should be done when you can see clear signs of lime deposits (a white, chalky substance) on the inside walls and on the wash arms. If deliming is necessary, a deliming agent should be used for best results.

Step 1 - Discarge tank dirty water

Open the door and remove any baskets that are in chamber.

Remove tank filters “C”-”D”-”E” and overflow “W” (Figure 23).

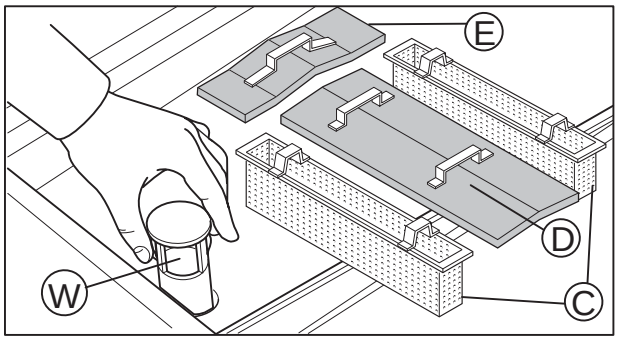
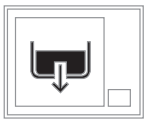


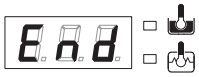
Figure 23

Close the door and select the drain cycle by pressing the “B” button (Figure 12).



The message “CLE” ("CLEAN") will be displayed throughout the drain cycle.

After a few minutes, 3 beeps indicate the end of the cleaning cycle and “END” blinks on the display:



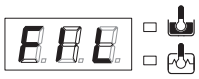
At the end of drain cycle, Open the door, replace the tank filters “C”-”D”-”E”, the overflow “W” and close the door.

Switch off the potwasher by pressing “A” button (Figure 12)

Step 2 - Filling tank and heating water

Press on/off “A” button (Figure 12).

The indicator light of the on/off button “A” comes on, indicating the potwasher is powered and the water is being introduced and heated. The word “FILL” scrolls across display during the entire filling and heating stage.



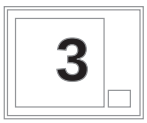
The filling and heating stage has finished when the display shows the tank temperature:

Step 3 - Pour the deliming agent

Open the door, pour the required amount of deliming agent regarding agent concentration suggested by agent supplier for 25.1 gallons/95 liters (for PW1M/WT830M/PW1MH/WT830MH) or 39.6 gallons/150 liters (for PW2M/WT850M) of water.

Step 4 - Start the wash cycle and discarge the tank

Close the door and start the **Cycle III** by pressing “F” button (Figure 12). The wash cycle duration is 6 minutes.



At the end of the cycle the potwasher emits a series of beeps and “END” blinks on the display.

CAUTION: observe chemicals producers instructions handling appliance where chemicals have been used.

CAUTION: do not allow the deliming agent to remain in the machine longer than recommended by the deliming agent supplier.

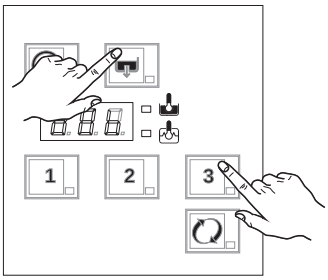
7. Repeat the step 1.

To delime the boiler, call your authorized service company.

Prolonged period of inactivity

If the potwasher is not to be used for a long time, proceed as follows:

- Close the water supply shutoff valve.
- Completely drain the tank.
- Remove and carefully clean the filters.
- Completely drain the incorporated dispenser hoses, removing them from the containers. Repeat the procedure described in the paragraph “Manual activation” at least 3 times.
- Completely drain the boiler by simultaneously pressing the buttons as shown in the figure.



A buzzer indicates completion of drainage.

- Spread a thin film of petroleum jelly over all the stainless steel surfaces.

Preventive maintenance

The preventive maintenance message “CALL” may be activated.

Upon reaching the set number of cycles (e.g. 20000),

appears on the display.

This message advises calling a qualified authorized service technician for a general check-up on of the state of the appliance.

NOTICE: CONTACT YOUR AUTHORIZED SERVICE COMPANY TO PERFORM MAINTENACE AND REPAIRS.

NOTICE: Using any parts other than genuine factory manufactured parts relieves the manufacturer of all warranty and liability.

NOTICE: Manufacturer reserves the right to change specifications at any time without notice.

WARNING: The equipment warranty is not valid unless the appliance is installed, started and demonstrated under the supervision of factory trained installer.

WARNING: The unit must be installed by Personnel who are qualified to work with electricity and plumbing. Improper installation can cause injury to personnel and/or damage to the equipment. The unit must be installed in accordance with applicable codes.

E TROUBLESHOOTING

POTWASHER DOES NOT WASH WELL	1. Check if the suction filter is dirty, if so clean it thoroughly. 2. Check if the wash jets are clogged by solid food particles. 3. Check that the initial amount of detergent or subsequent additions are correct. 4. The selected wash cycle is too short. Repeat the cycle. 5. Check that the tank temperature is between 149°F/65°C and 158°F/70°C. 6. Check that the pans are stacked correctly in the racks.

EXCESSIVE FOAM IN THE TANK	1. Check that the wash water temperature is not less than 149°F/65°C. 2. Check if the amount of product dispensed by the detergent dispenser is excessive (see “setting the dispensers” paragraph). 3. Ensure that the tank has not been cleaned with unsuitable cleaners. Drain the tank and rinse thoroughly before new wash cycles. 4. If a foaming detergent has been used, drain and refill the tank with water until the foam disappears.

THE WASH OR RINSE ARMS TURN SLOWLY	1. Remove and thoroughly clean the arms. 2. Clean the wash pump suction filter.