



# INSTALLATION GUIDE





## IMPORTANT CUSTOMER INFORMATION

PLEASE READ THIS CAREFULLY AS IT CONTAINS INFORMATION SPECIFIC TO YOUR INSTALLATION

**The instructions contained herein are supplied in the interests of safety and correct operation of the appliance. THEY MUST BE READ CAREFULLY BEFORE INSTALLING OR USING THE APPLIANCE.**

Each appliance has a serial number. It is clearly marked on the side panel of the washer and on the outside package of the washer. Please refer to this number when making an inquiry, ordering parts or products or just general information on the appliance.

Rhima Australia can be contacted 24 hours a day, 7 days a week. Call 1800 659 292. After normal business hours you will hear "Rhima Australia, general enquires or service call?" For technical matters refer to "service call" and for general inquiries or ordering product refer to "general enquires".

The following information will be required from you:

- Location
- Contact person
- Contact telephone number
- Appliance identification number
- Your message

Incorrect information may result in a delayed response.

PLEASE NOTE:

- If the appliance is damaged, contact the retailer before using it.
- The appliance must be connected to water and electric supply by qualified tradespersons only and according to local regulations.
- The appliance must be used by adults only.
- The appliance must be used in suitable areas which do not have a temperature of less than 0°C.
- The appliance should not be placed on top of electric cables or water supply and drainage pipes.
- This appliance has been designed to wash food preparation and eating utensils. It has NOT been designed to wash objects soiled with petrol, paint, remnants of steel or iron, corrosive chemical products such as acids, alkalis, or solvents or any item that cannot be immersed in water.
- Do not open the appliance door when the appliance is operating. The appliance has a safety device which stops operation if the door is accidentally opened.
- Do not sit or lean on the open door. This could cause the machine to tip and be damaged.
- Do not touch the inner surfaces of the wash chamber or the heating elements after the end of a program. You could burn yourself.
- After using the appliance, isolate the electric and water supply.
- Do not attempt to repair the appliance. Repairs made by unqualified persons may cause further damage.
- Repairs and servicing of this appliance must be carried out by authorised persons only. The authorised person must be careful when removing the panels and working inside the appliance because of possible burrs and sharp edges. If possible, use safety gloves.
- When cleaning the appliance, do not hose the machine down to clean it.
- The appliance must be correctly disposed of by contacting Municipal Authorities for information on collection of large solid refuse. When disposing of the appliance, be sure to detach and cut off electrical and hydraulic system connections.

Each appliance is shipped with the following accessories:

- 2 x Plate racks (500mm x 500mm)
- 1 x Cup rack (500mm x 500mm)
- 1 x Cutlery holder
- An Inlet and outlet hose
- Manual

These products have been carefully selected for use in the HT-11 and are designed to give optimum results. The use of these products also extends the warranty of your appliance. Please call Rhima Australia to order chemicals on 1800 659 292.

## TAKING DELIVERY OF YOUR RHIMA DISHWASHING EQUIPMENT



Rhima Australia will not be responsible for any damages caused to the appliance during its shipping to the customer. Please take note when receiving the appliance that it has not been placed on its side or tipped over during transportation. Use the **TIP'N'TELL indicator** on the outer packaging to see if this is the case.

It is **MOST IMPORTANT** that you take a photo of this **TIP'N'TELL indicator** and supply it immediately to Rhima Australia if it was found that the appliance has been tipped and/or dropped during transportation. We also advise that you take photos of any damage caused to the packaging and the appliance and keep all the packaging so it can be inspected by a Rhima representative.

## WARRANTY PROCEDURES FOR RHIMA DISHWASHING EQUIPMENT

We are meticulous about maintaining a high level of customer service. However, warranty does not mean free service.

Rhima Australia warrants their glass and dishwashers to be free from defects in material and workmanship under "normal use and service", which does not include normal wear and tear or preventative maintenance service.

Specifically not covered by warranty are service calls to adjust thermostats, rinse aid injectors, detergent dispensers; commissioning or any other service requirement not strictly related to defects in material or workmanship.

Rhima Australia will repair or replace any parts, which in Rhima Australia's sole judgement are defective in material and/or workmanship. No responsibility will be accepted for repairs, defects or damages due to improper installation, misuse or neglect.

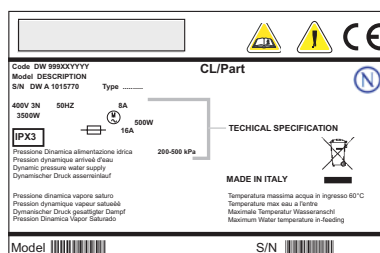
The following conditions apply and if in doubt, please refer to our general terms and conditions;

1. Warranty is 12 months on parts. In state capitals (within a 50 km radius of GPO) a 3-month warranty on labour, to replace defective parts, applies. All other areas are not covered by labour warranty, unless specifically mentioned in writing. In any case, warranty repairs are only carried out within normal business hours (Monday to Friday, 08.00-17.00 hrs, excluding public holidays).
2. Travel & accomodation is not covered by warranty.
3. All warranty call outs must be approved by Rhima.
4. The following is expressly excluded from warranty claims:
  - Service or parts relating to drain pumps
  - Defects to dish racks
  - Service or parts relating to inlet and outlet hoses & solenoid valves.
  - Adjustments to temperatures, (water) levels, rinse aids, detergents etc
  - Incorrect use or incorrect installation
  - Any breakdown due to external influences (high or low water temperature/pressure, interruption of electricity supply, etc)

For full information on warranty conditions, please refer to our general terms and conditions, which are available on our website [www.rhima.com.au](http://www.rhima.com.au).

WARRANTY CLAIMS WITHOUT THIS NUMBER WILL NOT BE TAKEN INTO CONSIDERATION.  
THE IDENTIFICATION NUMBER IS LOCATED ON THE LOWER RIGHT SIDE PANEL.  
EACH APPLIANCE HAS AN IDENTIFICATION NUMBER.

## DATA PLATE





## INSTRUCTIONS

The instruction manual must be kept with the appliance for future consultation. If the appliance is sold or transferred to another user, make sure the manual always goes with the appliance so that the new owner can have the necessary information on operation and the relative instructions.

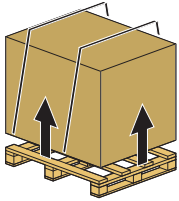
The instruction booklet must be carefully read before installation and first use of the appliance.

These instructions are supplied to safeguard the user in compliance with Directive 2006/95/CE as amended and the "harmonized product Technical Standard" EN 60335-1 and EN 60335-2-58.

## ATTENTION:

### APPLIANCE INSTALLATION

#### Receipt of the appliance



Installation must be carried out in accordance with local regulations and in such a manner that maintenance and minor repairs can be carried out without disconnecting the appliance from services. Isolating switch(es), shut off valve etc, must be within easy reach of the appliance. If in doubt call Rhima Australia or their representative for further information. No responsibility will be accepted for defects or damages by improper installation.

In no event will Rhima Australia be liable for loss of facilities or other property and such things as - but not limited to - additional labour costs, loss of revenue or anticipated profits and other damages of any kind whether direct, indirect, incidental or consequential.

In the event of Rhima Australia supplying special tabling or ancillary equipment the Rhima engineering department prepares a floor plan at the time of order, based upon the physical layout of the building (or room) in which the machine is to be installed.

The specific requirement of each installation will vary since each dishwashing appliance tabling and layout will differ, due to individual use requirements. The drawing must be thoroughly checked against the site and verified as to the dimensions and clearances, location of walls, doors and the like.

Any discrepancies should immediately be reported to the Rhima engineering department.

The instructions contained in the operating manual will give important information about the safety of the installation, the practical use and the maintenance of the appliance. We recommend to keep it near the appliance at the disposal of service engineers and appliance operators.

Carry the appliance into the washing area and place it into its permanent location. Remove the shipping carton and wooden base that the appliance is resting on. The adjustable feet are packed separately inside the washtank. Screw in the feet making sure the thread is completely inside the appliance.

All packing elements, such as plastic bags, polystyrene strips, foamed polyurethane and nails are a possible source of danger and should therefore be kept out of the reach of children and must be disposed of in a safe way.

Inspect and check your appliance. In case of evident damages, immediately inform your dealer and his carrier. In case of doubt, do not install the appliance until specialised technicians have thoroughly checked its functions.

Level the appliance by adjusting the screw feet. Level side to side as well as front to back. For added safety secure the appliance to a wall by means of a tie down strap. This will make sure the appliance is secure and stable.

Prior to connecting the machine to the water supply and drain and to the electrical installation, make sure that both hydraulic and electric specific requirements shown in the technical data comply.

Damaged parts must be replaced by original and genuine spare parts.



## Water connection

Pressure Table	Min.	Max.
	kPa	kPa
Static Pressure	250	600
Dynamic Pressure	200	350
Water hardness	20ppm	90ppm

Table 1

H <sub>2</sub> O supply temperature table	
Machine upon request	Standard
H <sub>2</sub> O Cold	H <sub>2</sub> O Hot
5°C ≤ t < 50°C	50°C ≤ t ≤ 65°C

Table 2

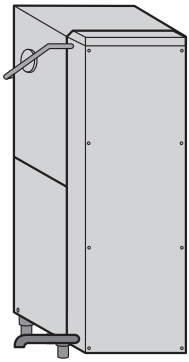
Before connecting the appliance to the incoming water line, a stop valve must be fixed to allow for easy maintenance and repair. The hydraulic installation must comply with local water authority's regulations.

The water pressure, gauged upstream of the fill solenoid during final rinse (flow pressure), should be a minimum 200 kPa. Try opening other taps on the same line, to see if flow pressure is maintained. An effective rinsing performance can only be guaranteed with sufficient water pressure. In order to avoid delivery or pressure drops, the appliance should be individually connected to a water line as direct as possible, and the line having adequate diameter and delivery.

A static pressure higher than 600 kPa requires a pressure reducing valve upstream of the supply line. The delivery of the water supply line should not be lower than 10 litres per minute. All appliances should be connected to hot water at a max. temperature of 65°C (130°C). If a cold supply is needed then install according to the services drawing. If water pressure is below 150kPa, the use of a rinse booster pump is recommended. Electrical connections are shown on the wiring diagram. If water hardness is higher than 90ppm a water softener must be installed.

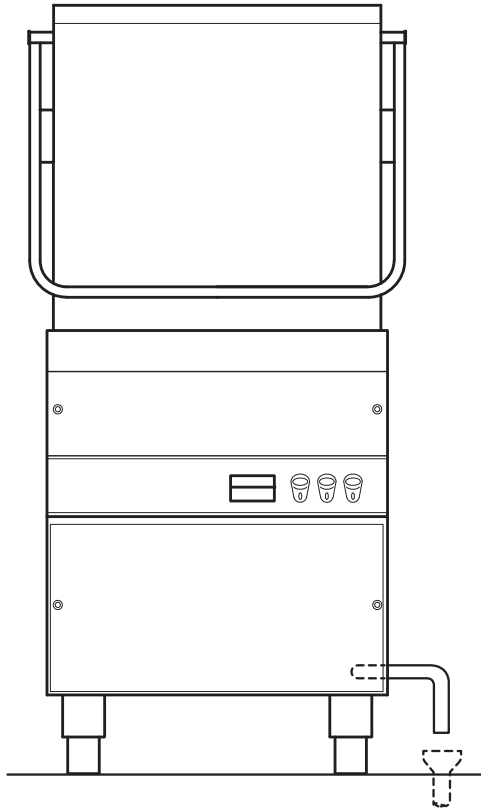
Connect the appliance's water supply with a shut off valve capable of quickly and completely shutting off water intake.

Make sure that the water supply pressure comes within the values given in the Table 1.



The HT-11 is supplied with a grey outlet hose which must have a fixed watertight seal above the tundish in accordance with Australian Standard AS/NZS 3500.2. The tundish must be lower than the appliance outlet. Cut the outlet hose to suit. A trap must be fitted in the drain line. If required a grease trap must be installed between the appliance and the building's drain system, check local codes.

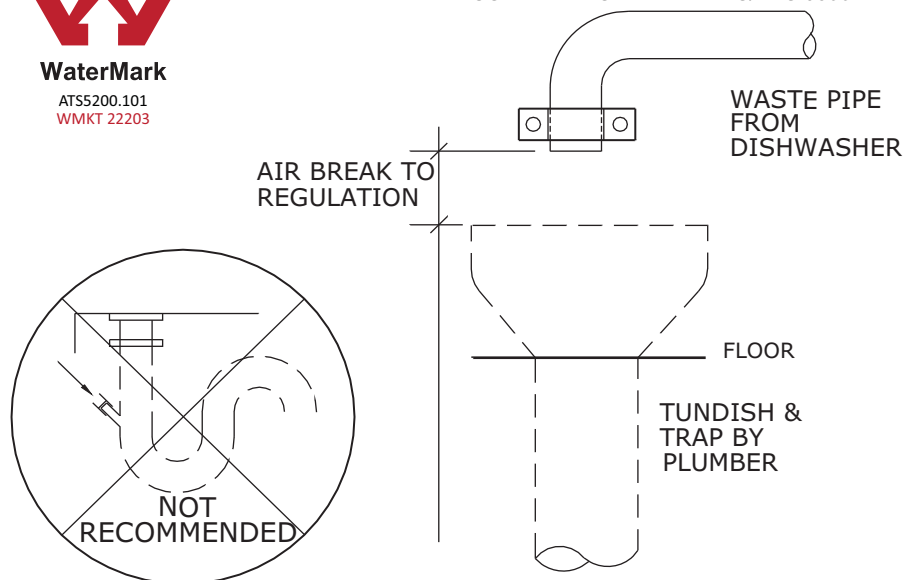
**The drain pipe should withstand 70°C (158°F) in continuous duty conditions.**



**Drain must be below m/c waste outlet.**

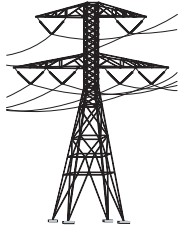


INSTALLATION TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS/NZS 3500.2



**GRAVITY WASTE**

The diagrams above show the correct method of waste installation.



## Electrical connection

All Rhima warewashing appliances are pre-wired and supplied complete with connecting cable and appropriate plug. This cable should be connected to a separate power supply by means of an isolator or appropriate plug and socket and in such a way that a safe and trouble-free use of the appliance is guaranteed. **This appliance MUST be earthed.**

The heating element of the built-in rinse water booster and the heating element of the washtank are often interlocked. The booster has priority over the washtank, the two heaters will never switch on simultaneously.

To comply with local health authorities appliances may have a thermostop, this device prevents the appliance from operating until correct temperatures have been reached.

The electrical connection must be made according to local regulations. Ensure that the power supply corresponds to the value given on the appliance dataplate.

**Install a suitable circuit breaker which must be exclusively used for this purpose. Make sure that the electrical systems are suitably earthed. On the back of the appliance there is a terminal marked with the symbol (see Pict. 1), which is provided for equipotential connection between different appliances (see electrical safety standards).**



pict. 1



FOR APPLIANCES USING A THREE-PHASE POWER SUPPLY, FOLLOW THE INSTRUCTIONS AND WIRING DIAGRAM ATTACHED TO THE APPLIANCE. CHECK CORRECT MOTOR ROTATION.



## Ventilation

Ensure there is adequate room for ventilation. Exhaust must be according to local regulations.

In the case of the HT-11 and appliances in excess of 8 kW heating power, an exhaust canopy must be fitted. Before installing canopy, raise dishwashing hood to full height.



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