







WARNING

Before installation and commissioning, you must read the safety instructions and warnings carefully and all the warning labels attached to the equipment.

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IMPORTANT

Failure to comply (even partially) with the instructions given in this manual will invalidate the product warranty and relieves the manufacturer of any responsibility

IMPORTANT

The alteration of machine operation, design or the replacement of parts not approved by the manufacturer may void warranties and approvals.



IMPORTANT

This machine is intended for commercial use only.

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We have checked that the contents of this document correspond to the model described. There may be discrepancies nevertheless, and no guarantee can be given that they are completely identical. The information contained in this document is reviewed regularly and any necessary changes will be included in the next edition. We welcome suggestions for improvement.

Specifications and document subject to change without prior notice.

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Service 1800 622 216 Parts 1800 337 963



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Safety Instructions

WARNING



Equipment contains dangerous voltages and can be hazardous if installed or operated incorrectly. non-compliance with warnings or failure to follow the instructions contained in this manual can result in loss of life, severe personal injury or serious damage to property.

Installation

- · Use qualified, skilled personnel
- Follow installation instructions
- · Connect to correct voltage and supply current
- Provide fully accessible electrical Isolation Switch & water supply valves

Training and Supervision

- · Read and understand the Operating instructions and train all staff
- This appliance must not be operated by children or infirm persons
- Machine front panel may be removed to access chemical pumps. Access of any further wiring or componentry must only be done by suitably qualified and trained personnel internal hazards include live electrics and very hot surfaces
- · This appliance is not intended for use as a stepladder

Hot Surfaces

· Some surfaces may be hot or very hot

Chemicals

- · Commercial dishwashing detergents are hazardous handle with care
- Read and follow the safety information found on the labels of detergent containers and Material Safety Data Sheets
- Use protective eyewear and clothing if decanting containers

Hot Water

- Do not put hands in wash water which may be over 60°C and contain hazardous caustic detergent
- Rinse water can be over 90°C
- Door safety switches are designed for emergency use only

Cleaning

- · Do not hose down the machine or splash water over the exterior
- · Watch for broken glass etc when cleaning the inside of the machine

Service/repair

- · Under no circumstances the user should attempt to carry out repairs
- · All service/repair work must be carried out by qualified personnel only

Power Cord Replacement

• If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard

Installation Checklist



WARNING

Installer must be suitably qualified and ensure compliance with all codes and standards including AS/NZS3500.1.

Unpack

· Unpack the machine, check for damage and complete delivery.

Positioning

- · Place machine on sound waterproof self draining floor, fit feet and adjust feet to level
- · Allow room for adjacent chemical containers

Water

- Flush supply lines before connection
- · Connect hose supplied to adjacent accessible isolator valve 20 mm 3/4 male
- Flow rate required 20 litres per minute
- Temperature 65°C
- Consumption per cycle 2.6 litres
- Pressure required 200-350 kPa fit limiter above this pressure
- · Back Flow Atmospheric Vacuum Breaker
- Potable water quality is required filter or soften if necessary

Water Quality Requirements

Hardness		ppm			рН	
min		20			7	
max		100			8	
lons	Cl-	SO ₄	Fe	Mn	Cu	Cl_2
Max mg/L	100	400	0.1	0.5	0.05	0.1

Power

Machine shipped with cordset for 15 A 240V 50Hz via adjacent switched outlet

Waste

· Connect drain pump hose supplied to upstand or sink waste connection

Detergent

- · Note that detergent is hazardous read instructions and handle with care
- · Insert hose into container of commercial dishwasher low foam detergent
- · Detergent will come up to strength with use during the day

Rinse Fluid

· Insert hose into adjacent container of commercial dishwasher rinse fluid

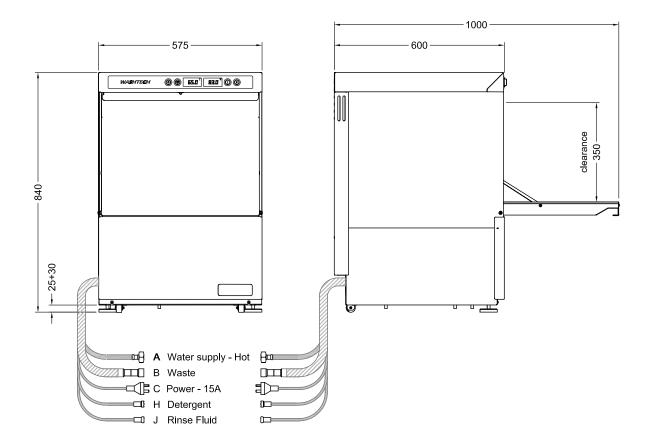
Operation

· Run several cycles, ensure that operator has read and understands instructions

Troubleshooting Installation

• If machine doesn't fill after switching on power, check & ensure that hot water supply tap is open, water supply pressure is not below specification

XV Installation Diagram XV INST 03-03-17 3 B



XU Operating Instructions















Start

- Turn on at wall
- Ensure the Filter (2) is in place
- Ensure the Upstand (1) is in place and shut door
- · Press the Power button which will glows red, and the machine will fill automatically

Operation

- · Load rack into machine and shut door
- Select either Cycle 1 (1 minute) or Cycle 2 (2 minute) button to start a cycle
- Both Cycle buttons glow green while machine operates
- · When Cycle lights go out, the cycle is complete

NOTE: The machine may be started while the rinse water is being heated – in this instance it will continue to run the wash cycle until the rinse water is up to 83 degrees

Detergent & Rinse Aid

Detergent concentration can be changed by adjusting the timer (refer service manual). Rinse Fluid is factory set to a low injection rate, and will take many cycles to prime. The operator can adjust this via the adjusting screw on the front cover (refer service manual).

Shut Down - Every Night

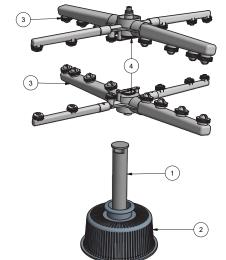
- Open the door and press the Drain button
- Remove Upstand (1) once the top of this is above the level of the water
- · Allow to drain for approximately 1 minute or until the tank is empty
- Turn the Drain and then the Power buttons off
- Remove and rinse Filter (2) before replacing back in machine along with the Upstand (1)

Cleaning - At Least Once A Week

Remove, rinse and replace:

Upstand 1
Filter 2
Wash/rinse Arm 3
Thumbscrew 5

Inspect and clear all jets in the wash/rinse arms



Suggested Best Practice

Pre-rinse Scrape and/or rinse plates & glasses in cool water

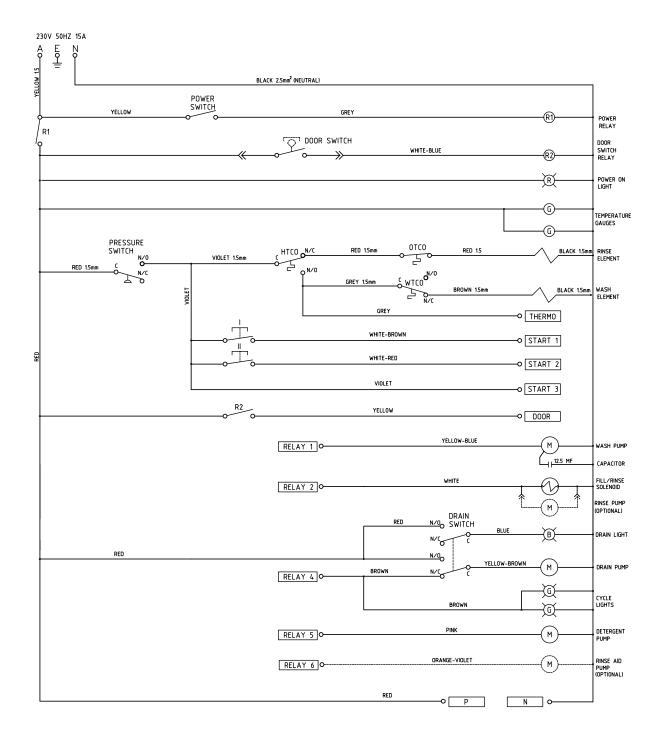
Chemical Use good quality non foaming commercial detergent and drying agent. Do not

use domestic detergent which will cause the machine to foam

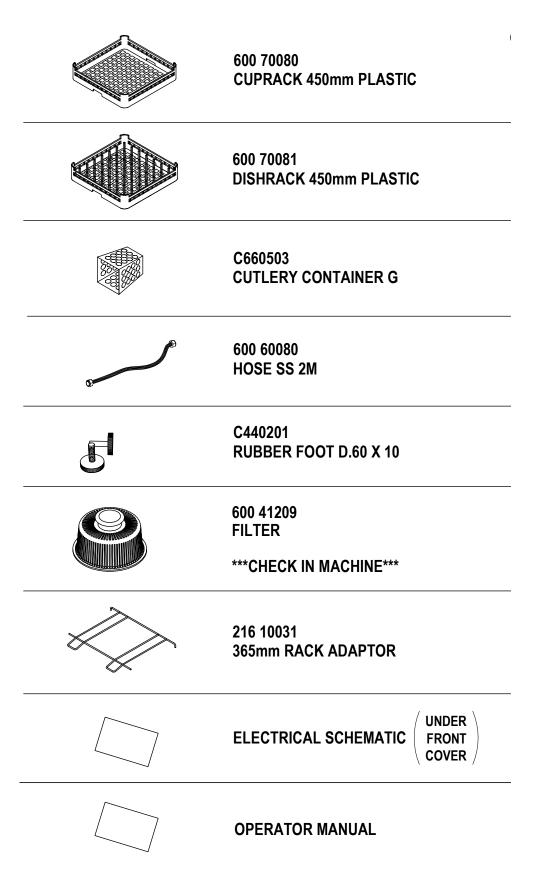
Troubleshooting

Fault Filling	Cause	Remedy	
Not filling	Water supply valve shut	Check Water supply valve	
	Door Switch not operating	Check Door is closed	
Filling during wash cycle	Upstand not fitted properly	Check Drain upstand is fitted	
Heating			
Dishes not hot enough	Machine not rinsing	Check water supply temperature	
	Rinsing but not hot	Check water supply temperature & arms spinning freely	
Cycle start			
Does not start	Door switch	Check door is closed	
Cycle Finish			
Wash too long Performance	Water supply cold	Check water supply temperature	
	Balancada	Harara all La Carra	
Poor wash result	Detergent not used	Use quality low foam product	
	Overloading racks	Do not overload racks	
	Not pre-rinsing	Use Fisher pre-rinse	
	Wash arms not rotating	Remove and clean arms/check bushes	
	Wash jets blocked	Remove arms and clean jets	
	Excessive soiling	Pre-rinse/use long cycle	
	Unrealistic expectation	E.g. baked on soiling requires pre-soaking	
Poor rinse results	Rinse jets blocked	Remove arms and clean jets	
	Rinse arms not turning	Remove arms, clean jets, check bushes	
	Poor racking procedures	Do not overload racks	
	Excessive wash tank soil build up	Pre-rinse, change wash water regularly	
Not drying	Poor wash/rinse performance	Refer above	
	Low temperatures	Check heating systems	
	Drying agent not used	Use quality drying agent/rinse fluid	
Foaming Wash	Excessive Rinse Fluid	Adjust Rinse Fluid Injector	

XV Schematic Diagram



Accessories



Notes

Notes

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