



SPECIFICATION, INSTALLATION AND OPERATION MANUAL

READ ALL INSTRUCTIONS BEFORE USE



Hood Type Dishwasher

Model:

AH800ESI.PRS / AH800ESI.ES / AH60.42EPI.PRS / AH60.42EPI.ES

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1.1 Your New Aristarco Product

Thank you for choosing this quality Aristarco product.

All Aristarco products are designed and manufactured to meet the needs of food service professionals. Caring for and maintaining this new Aristarco product in accordance with these instructions, will provide many years of reliable service.

Stoddart is a wholly Australian owned company, which manufactures and/or distributes a comprehensive range of food service equipment for kitchens, food preparation and presentation. Stoddart products are manufactured and engineered to provide excellent results whilst offering value-for-money, ease-of-use and reliability.

Carefully read this instruction booklet, as it contains important advice for safe installation, operation and maintenance. Keep this booklet on hand in a safe place for future reference by other operators or users.

Disclaimer

The manufacturer/distributor cannot be held responsible or liable for any injuries or damages of any kind that occur to persons, units or others, due to abuse and misuse of this unit in regards to installation, removal, operation, servicing or maintenance, or lack of conformity with the instructions indicated in this documentation.

All units made by the manufacturer/distributor are delivered assembled, where possible, and ready to install. Any installation, removal, servicing, maintenance and access or removal of any parts, panels or safety barriers that is not permitted, does not comply in accordance to this documentation, or not performed by a **TRAINED AND AUTHORISED SPECIALIST** will result in the **IMMEDIATE LOSS OF THE WARRANTY.**

The manufacturer/distributor cannot be held responsible or liable for any unauthorised modifications or repairs. All modifications or repairs must be approved by the manufacturer/distributor in writing before initiating. All modifications or repairs performed to this unit must be performed at all times by a **TRAINED AND AUTHORISED SPECIALIST.**

**Stoddart design, manufacture & distribute Food Service Equipment (appliances) exclusively for the commercial market.
This appliance is not designed nor intended for household or domestic use and must not be used for this purpose.**

This product is intended for commercial use, and in line with Australian electrical safety standards the following warnings are provided:

- This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard



Warranty & Registration

1.2 Australia and New Zealand Warranty

1.2.1 Warranty Period

All Stoddart manufactured and distributed products are covered by Stoddart's standard Australia and New Zealand Product Warranty (minimum 12 month on-site parts and labour, terms and conditions apply). Further to this standard warranty, certain products have access to an extended warranty. Full terms, conditions and exclusions can be found using the below Link/QR code.

1.2.2 Warranty Registration

To register your new product, Follow the below Link/QR code.



Australia
[CLICK HERE](#)



New Zealand
[CLICK HERE](#)

1.3 General Precautions

When using any electrical unit, safety precautions must always be observed.

Our units have been designed for high performance. Therefore, the unit must be used exclusively for the purpose for which it has been designed.

- All units **MUST** be installed according to the procedures stated in the installation section of this manual
- In the case of new personnel, training is to be provided before operating the equipment
- **DO NOT** use this unit for any other purpose than its intended use
- **DO NOT** store explosive substances such as aerosol cans with a flammable propellant in or near this unit
- Keep fingers out of "pinch point" areas
- Unit is not waterproof **DO NOT** use jet sprays, hoses or pour water over/on the exterior of the unit
- Only use this unit with voltage specified on the rating label
- **DO NOT** remove any cover panels that may be on the unit
- **DO NOT** use sharp objects to activate controls
- If any fault is detected, refer to troubleshooting
- The manufacturer declines any liability for damages to persons and/or things due to an improper/wrong and/or unreasonable use of the machine
- Only specifically trained/qualified Technicians (Stoddart, one of our service agents, or a similarly qualified persons) should carry out any and all repairs, maintenance and services

1.4 Warning And Safety Information

To ensure safe use of the appliance and a proper understanding of the manual it is necessary to be familiar with the terms and typographical conventions used in the documentation. The following symbols are used in the manual to indicate and identify the various types of hazards:

	WARNING Danger of electrocution - dangerous voltage
	IMPORTANT Failure to follow instructions can cause damage to people and goods
	IMPORTANT Important instruction or information on the product
	IMPORTANT Clarifications and explanations
	CAUTION Risk of damage to the appliance or the product.
	IMPORTANT Clarifications and explanations

- Only specialised personnel are authorised to operate on the appliance.
- This appliance is intended to be used for commercial applications, for example in kitchens of restaurants, canteens, hospitals. It must be used for washing or drying plates, dishes, glassware, cutlery and similar articles.
- This appliance is not intended for use by persons (including children) with reduced physical, sensor or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety.
- Do not let children play with the appliance.
- Keep all packaging and detergents away from children.
- Cleaning and user maintenance shall not be made by children without supervision.
- For your safety do not store or use gasoline or other flammable materials, vapours and liquids in the vicinity of this or any other appliance.
- Do not store explosive substances, such as pressurized containers with flammable propellant, in this appliance.
- Refer to the data given on the appliance's data plate for relations with the Manufacturer (e.g. when ordering spare parts, etc.).
- When scrapping the appliance, the marking CE must be destroyed.
- Save these instructions carefully for further consultation by the various operators.

1.4.1 Personal Protective Equipment (PPE)

The following table lists the main personal protective equipment to be used during the various stages of the machine's life cycle.



Task	Protective garments	Safety Footwear	Gloves	Glasses	Hard Hat
Transport	---	●	○	---	---
Handling	●	●	○	---	---
Unpacking	○	●	○	---	---
Installation	○	●	○	●	---
Normal use	●	●	●*	○	---
Adjustments	○	●	---	---	---
Routine cleaning	○	●	●*	○	---
Heavy cleaning	○	●	●*	○	---
Maintenance	○	●	○	---	---
Dismantling	○	●	○	---	---
Scrapping	○	●	○	---	---

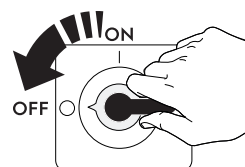
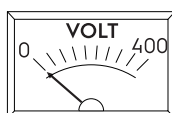
Legend

○	PPE Required
●	PPE available or to be used if necessary
---	PPE Not Required

* Gloves must be used for exposure to high temperatures and suitable for contact with corrosive substances.

1.4.2 General safety

- The appliances are provided with electric and/or mechanical safety devices for protecting workers and the appliance itself.
- Never operate the appliance, removing, modifying or tampering with the guards, protection or safety devices.
- Do not make any modifications to the parts supplied with the appliance.
- Several illustrations in the manual show the appliance, or parts of it, without guards or with guards removed. This is purely for explanatory purposes. Do not use the appliance without the guards or with the protection devices deactivated. Disconnect the appliance from the power supply before carrying out any installation, assembly, cleaning or maintenance procedure.



- Do not remove, tamper with or make illegible the CE marking, the safety, danger and instruction signs and labels on the appliance.
- The A-weighted emission sound pressure level does not exceed 70 dB(A).
- The following operations have to be carried out by specialised authorised personnel or Customer Care Service provided with all the appropriate personal protection equipment (A.2 Personal protection equipment), tools, utensils and ancillary means, who can ask the manufacturer to supply a servicing manual:

- | | |
|-----------------------------|--|
| • Installation and assembly | • Appliance cleaning, repair and extraordinary maintenance |
| • Positioning | • Appliance disposal |
| • Electrical connection | • Work on electrical equipment |

1.4.3 Protection devices installed on the appliance

Guards - The appliance has:

- Fixed guards (e.g. casings, covers, side panels, etc.), fixed to the appliance and/or frame with screws or quick-release connectors that can only be removed or opened with tools; therefore the user must not remove or tamper with such devices. The Manufacturer declines any liability for damage due to tampering or their non-use;
- Interlocked movable guards (door) for access inside the appliance;
- Appliance electrical equipment access panels or doors, made from hinged panels (tools required to open). The panel or the door must not be opened when the appliance is connected to the power supply.

Safety devices - The appliance has:

- Interlocks on the door(s) giving access to inside the appliance;

1.4.4 Safety Signs To Be Placed On The Appliance Or Near Its Area

Danger	Meaning
	Danger of crushing hands
	Caution Hot Surface
	Danger of electrocution (shown on electrical parts with indication of voltage)

1.4.5 Reasonably foreseeable improper use

Improper use is any use different from that specified in this manual. During appliance operation, other types of work or activities deemed improper and that in general can involve risks for the safety of operators and damage to the appliance are not allowed. Reasonably foreseeable improper use includes:

- Lack of appliance maintenance, cleaning and periodical checks;
- Structural changes or modifications to the operating logic;
- Tampering with the guards or safety devices;
- Failure to use personal protection equipment by operators, specialised personnel and maintenance personnel;
- Failure to use suitable accessories (e.g. use of unsuitable equipment or ladders);
- Keeping combustible or flammable materials, or in any case materials not compatible with or pertinent to the work, near the appliance;
- Wrong appliance installation;
- Placing in the appliance any objects or things not compatible with its use, or that can damage the appliance, cause injury or pollute the environment;
- Climbing on the appliance;
- Non-compliance with the requirements for correct appliance use;
- Other actions that give rise to risks not eliminated by the Manufacturer.

1.4.6 Residual Risks

The appliance has several risks that were not completely eliminated from a design standpoint or with the installation of adequate protection devices. Nevertheless, through this manual the Manufacturer has taken steps to inform operators of such risks, carefully indicating the personal protection equipment to be used by them. In order to reduce the risks, provide for sufficient spaces while installing the unit.

To preserve these conditions, the areas around the appliance must always be:

1. Kept free of obstacles (e.g. ladders, tools, containers, boxes, etc.);
2. Clean and dry;
3. Well lit.
4. For the Customer's complete information, the residual risks remaining on the appliance are indicated below: such actions are deemed improper and therefore strictly forbidden.

	IMPORTANT
	Machine maintenance operations must be carried out by a qualified technician with the obligation to wear personal safety devices and suitable equipment.

	WARNING
	Isolate electricity and water supply to machine each time panels are removed. Place a sign on the electric control panel indicating machine undergoing maintenance.

	IMPORTANT
	Do not open the dishwasher door when in use. Always turn the dishwasher off before accessing the inside.

Residual risk	Description of hazardous situation
Slipping or falling	The operator can slip due to water, any liquid or dirt on the floor
Catching, dragging or crushing	Catching or dragging of the operator or other persons in the drive, during the appliance work phase, due to improper actions, such as: Placing an arm inside the appliance to remove a stuck rack without stopping the appliance by operating an emergency switch; Accessing the rack handling system without stopping the appliance by operating an emergency switch. Use of improper clothing with loose parts (e.g. necklaces, scarves, shawls, ties, etc.) or long hair not gathered, which could get caught up in moving parts.
Burns/abrasions (e.g. heating elements, cold pan, cooling circuit plates and pipes)	The operator deliberately or unintentionally touches some components inside the appliance without using protective gloves.
Stab wounds	The operator deliberately or unintentionally touches some components with sharp edges during the appliance cleaning without using protective gloves.
Burns	The operator deliberately or unintentionally touches some components inside the appliance or dishes at the outfeed without using gloves or without allowing them to cool.
Electrocution	Contact with live parts during maintenance operations carried out with the electrical panel powered
Falling from above	The operator intervenes on the appliance using unsuitable systems to access the upper part (e.g. rung ladders, or climbs on it)
Crushing or injury	The specialised personnel may not correctly fix the control panel when accessing the technical compartment. The panel could close suddenly.
Crushing or shearing	Possible risk of injury to upper limbs during the hood closing operation.
Tipping of loads	When handling the appliance or the packing containing it, using unsuitable lifting systems or accessories or with the unbalanced load
Chemical	Contact with chemical substances (e.g. detergent, rinse aid, scale remover, etc.) without taking adequate safety precautions. Therefore always refer to the safety cards and labels on the products used.
Shearing of upper limbs	The operator for normal appliance use could suddenly and deliberately close the doors/front panels (if present, depending on the appliance type).

1.4.7 Water connection

- The operating water pressure (minimum and maximum) must be between:
 - 2 bar [200 kPa] and 5 bar [500 kPa] for appliances without rinse pump;
- Make sure that there are no visible water leaks during and after the first use of the machine.

1.4.8 Electrical connection

- If the power cable is damaged it must be replaced by the Customer Care Service or in any case by specialised personnel, in order to prevent any risk.

1.4.9 Appliance cleaning

- Do not touch the appliance with wet hands or feet or when barefoot.
- Use a ladder with suitable protection for work on appliances with high accessibility.
- Put the appliance in safe conditions before starting any cleaning operation.
- Respect the requirements for the various routine and extraordinary maintenance operations. Non-compliance with the instructions can create risks for personnel.
- Do not spray water or use water jets, steam cleaner or high pressure cleaner.

1.4.10 Preventive Maintenance

In order to ensure the safety and performance of your equipment, it is recommended that service is undertaken by authorised engineers every 12 months, in accordance with manufacturer's service manuals. Please contact your local service centre for further details.

1.4.11 Parts and Accessories

Use only original accessories and/or spare parts. Failure to use original accessories and/or spare parts will invalidate the original manufacturer warranty and may render the appliance not compliant with the safety standard.

1.4.12 Precautions for use and maintenance

- Risks mainly of a mechanical, thermal and electrical nature exist in the appliance. Where possible the risks have been neutralised:
 - Directly, by means of adequate design solutions.
 - Indirectly by using guards, protection and safety devices.
- Any anomalous situations are signalled on the control panel display.
- During maintenance several risks remain, as these could not be eliminated, and must be neutralised by adopting specific measures and precautions.
- Do not carry out any checking, cleaning, repair or maintenance operations on moving parts. Workers must be informed of this prohibition by means of clearly visible signs.
- Make sure to periodically check correct operation of all the safety devices and the insulation of electrical cables, which must be replaced if damaged.
- In case of a significant anomaly (e.g. short circuits, wires coming out of the terminal block, motor breakdowns, worn electrical cable sheathing, etc.) the operator for normal appliance use must:
 - Immediately deactivate the appliance.
 - If present, close the appliance water supply by shutting off the water.

1.4.13 Appliance Maintenance

- The inspection and maintenance intervals depend on the actual appliance operating conditions and ambient conditions (presence of dust, damp, etc.), therefore precise time intervals cannot be given. In any case, careful and periodical appliance maintenance is advisable in order to minimise service interruptions.
- It is advisable to stipulate a preventive and scheduled maintenance contract with the Customer Care Service.
- Put the appliance in safe conditions before starting any maintenance operation.
- To guarantee appliance efficiency and correct operation, periodical maintenance must be carried out according to the instructions given in the manual.

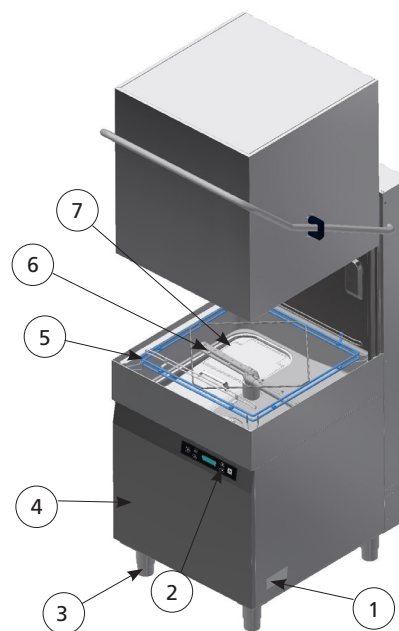
1.5 Product Overview

Dishwashers are designed to be used to wash dishes, glasses, and various types of kitchenware, found in gastronomic businesses such as cafés, restaurants, canteens, etc. Any other use, without specific permission or failure to follow the indications included in this manual, will void the warranty.

Item	Description
1	Rating/Data plate
2	Control panel
3	Adjustable feet
4	Detergent and rinse aid dosing access panel
5	Basket support
6	Lower wash arm
7	Tank filters



Items contaminated by petrol or varnishes, pieces of steel or iron, corrosive or alkaline chemicals and solvents must not be washed in the dishwasher. Aluminium items must be washed using appropriate chemicals suitable for aluminium.



1.6 Machine identification

	WARNING
	Do not remove, tamper with or make the machine marking illegible.
	IMPORTANT
	When scrapping the machine, the marking must be destroyed.

Identification is displayed on the Rating/Data plate affixed to the machine; the following is an example with the meaning of the data given.

To contact the manufacturer, always refer to the details given on the Rating/Data plate.

MODEL: Full manufacture model number

TYPE: Machine type

CODE: Machine code

S/N: Machine serial number

ARTICLE: Stoddart model number

Electrical Connection: 380-415V ~ 50 Hz / Total Amps

Power: Total connected load

IPX4: Dust and water protection rating

Electronic Code: PCB program code

PW: Password to access menu parameters

Do not remove the Rating/Data plate or make it illegible.

Do not remove the Rating/Data plate's transparent protection.

ARISTARCO		ARISTARCO SPA Via del lavoro 30 31033 Castelfranco Veneto (TV) MADE IN ITALY - CF/PI 01823140262	
MODEL	XXXX		
TYPE	XXXX	380-415 ~ 50Hz	
CODE	XXXX	XX A	
S/N	XXXX	POWER XXXX W	
ARTICLE	XXXX		
WATER SUPPLY		200-500 kPa/MAX 60°C	IP24
Electronic code:		XXXX	PW: XXXX
Imported by: STODDART www.stoddart.com.au		WM-101 WM-022258	
			UK EAC CE
This product incorporates backflow prevention complying with WMTS-101, Clause 8.2(a)			

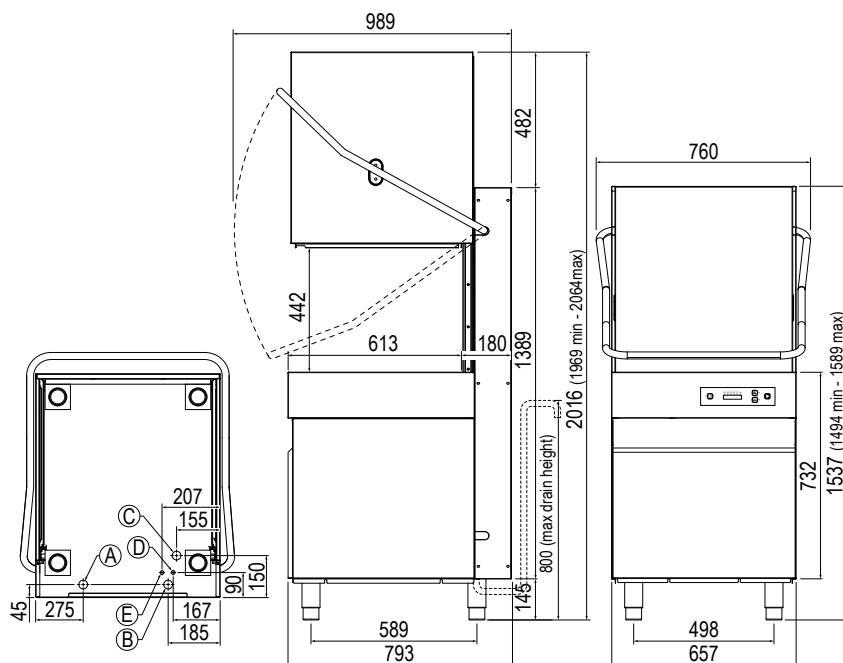
2.1 General Drawing

2.1.1 AH800ESI.PRS

Model	AH800ESI.PRS
W x D x H (mm)	657 x 793 x 2016
Note: Dimensions do not include handle. Hood open	
Weight	126kg
Packed Dimensions (mm)	770 x 930 x 1720
Packed Weight	145kg
Total Connected Load	9.55kW / 25A circuit L1 = 12A / L 2 = 9A / L3 = 20A
- Convertible to:	6.75kW / 15A Circuit
(Low Power Option)	L1 = 12A / L 2 = 9A / L3 = 11A
Note: Unit can be converted to low power option on site by a qualified electrician. This may affect the output of the unit.	
Electrical Connection	3Ø+N+E 415VAC / 50Hz (Lead fitted, on-site connection)
Water Quantity Per Cycle	2.5 Litres
Water Connection	1.5m Hose / 3/4" BSP
Water Inlet Pressure	200 - 500kPa
Tempered water supply	10°C - 60°C
Discharge Water Temp.	Max 82°C
Waste Connection	2m Hose / ø20.5mm

Legend:

A Electrical Connection	D Detergent Line
B Water Connection	E Rinse-Aid Line
C Drain Connection	

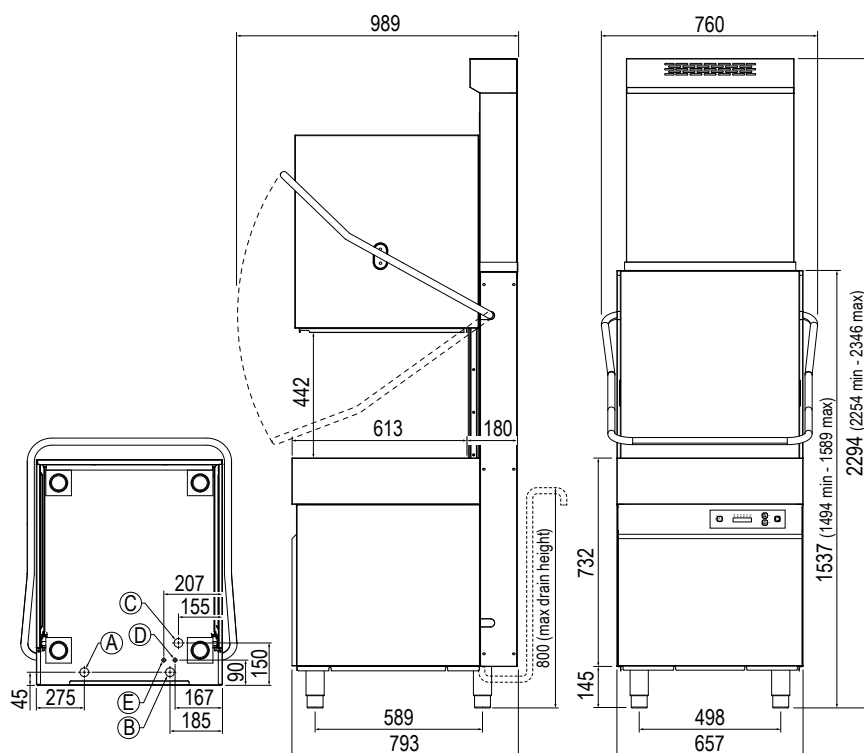


2.1.2 AH800ESI.ES

Model	AH800ESI.ES
W x D x H (mm)	657 x 793 x 2294
Note: Dimensions do not include handle. Hood open	
Weight	163kg
Packed Dimensions (mm)	770 x 930 x 1870
Packed Weight	182kg
Total Connected Load	9.55kW / 25A circuit L1 = 12A / L 2 = 9A / L3 = 20A
- Convertible to:	6.75kW / 15A Circuit
(Low Power Option)	L1 = 12A / L 2 = 9A / L3 = 11A
Note: Unit can be converted to low power option on site by a qualified electrician. This may affect the output of the unit.	
Electrical Connection	3Ø+N+E 415VAC / 50Hz (Lead fitted, on-site connection)
Water Quantity Per Cycle	2.5 Litres
Water Connection	1.5m Hose / 3/4" BSP
Water Inlet Pressure	200 - 500kPa
Tempered water supply	10°C - 25°C
Discharge Water Temp.	Max 82°C
Waste Connection	2m Hose / ø20.5mm

Legend:

A Electrical Connection	D Detergent Line
B Water Connection	E Rinse-Aid Line
C Drain Connection	



This Aristarco dishwasher has been tested & complies with the requirement of current building code of Australia NCC2025-Part1, subject to conditions and limitations listed in certification document. Testing conducted independently by Australian National Testing Laboratories PTY LTD (ANTL) – Test report 5608.13.

Note: The enclosure must have a minimum of 180 l/s of the air replaced by either general exhaust ventilation, supply ventilation, natural ventilation, or a combination of these. Where other heat or steam-generating appliances share the enclosure or room, the airflow must be increased to accommodate those appliances.

Note: The room requirement for multiple units may not be the "l/s air" sum of the tested individual units.

2.0 Specification

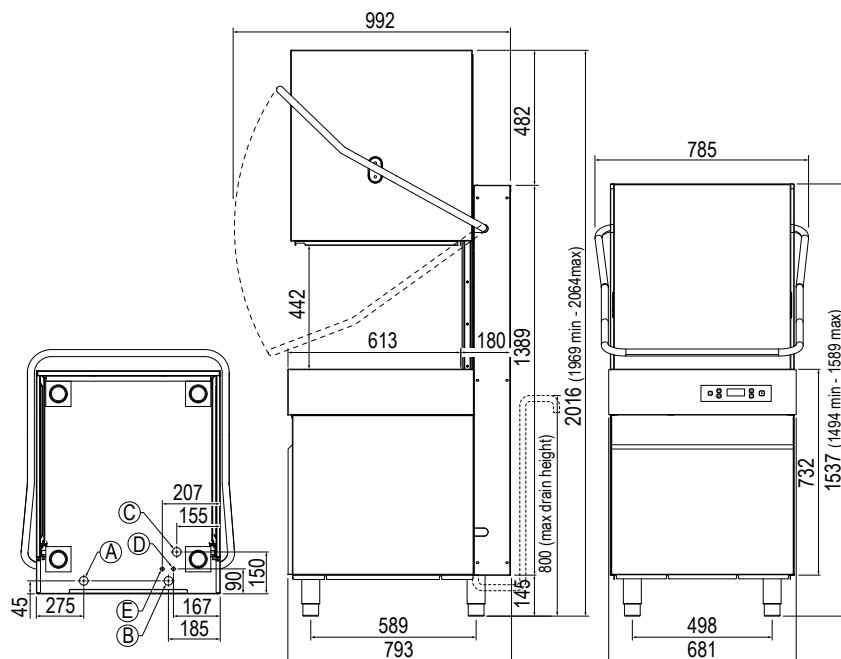
2.1.3 AH60.42EPI.PRS

Model	AH60.42EPI.PRS
W x D x H (mm)	657 x 793 x 2016
Note: Dimensions do not include handle. Hood open	
Weight	141kg
Packed Dimensions (mm)	770 x 930 x 1720
Packed Weight	160kg
Total Connected Load	14.8kW / 25A circuit L1 = 21A / L2 = 21A / L3 = 21A
- Convertible to:	10.3kW / 15A Circuit L1 = 15A / L2 = 15A / L3 = 15A
(Low Power Option)	
Note: Unit can be converted to low power option on site by a qualified electrician. This may affect the output of the unit.	
Electrical Connection	3Ø+N+E 415VAC / 50Hz (Lead fitted, on-site connection)

Water Quantity Per Cycle	2.5 Litres
Water Connection	1.5m Hose / 3/4" BSP
Water Inlet Pressure	200 - 500kPa
Tempered water supply	10°C - 60°C
Discharge Water Temp.	Max 82°C
Waste Connection	2m Hose / ø20.5mm

Legend:

A Electrical Connection	D Detergent Line
B Water Connection	E Rinse-Aid Line
C Drain Connection	



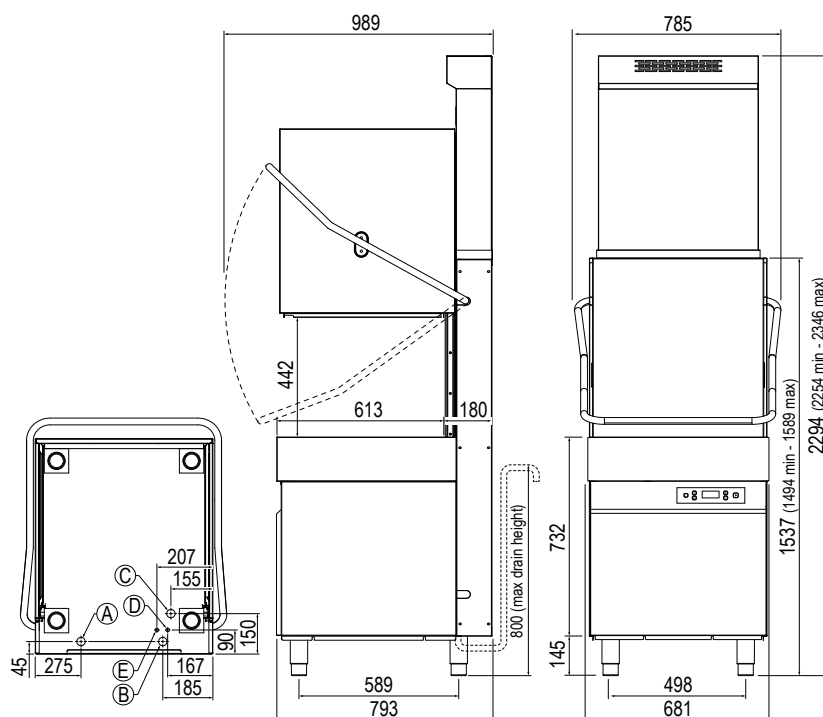
2.1.4 AH60.42EPI.ES

Model	AH60.42EPI.ES
W x D x H (mm)	681 x 793 x 2294
Note: Dimensions do not include handle. Hood open	
Weight	179kg
Packed Dimensions (mm)	770 x 930 x 2254
Packed Weight	198kg
Total Connected Load	14.8kW / 25A circuit L1 = 21A / L2 = 21A / L3 = 21A
- Convertible to:	10.3kW / 15A Circuit L1 = 15A / L2 = 15A / L3 = 15A
(Low Power Option)	
Note: Unit can be converted to low power option on site by a qualified electrician. This may affect the output of the unit.	
Electrical Connection	3Ø+N+E 415VAC / 50Hz (Lead fitted, on-site connection)

Water Quantity Per Cycle	2.5 Litres
Water Connection	1.5m Hose / 3/4" BSP
Water Inlet Pressure	200 - 500kPa
Tempered water supply	10°C - 25°C
Discharge Water Temp.	Max 82°C
Waste Connection	2m Hose / ø20.5mm

Legend:

A Electrical Connection	D Detergent Line
B Water Connection	E Rinse-Aid Line
C Drain Connection	



This Aristarco dishwasher has been tested & complies with the requirement of current building code of Australia NCC2025-Part1, subject to conditions and limitations listed in certification document. Testing conducted independently by Australian National Testing Laboratories PTY LTD (ANTL) – Test report 5608.13.

Note: The enclosure must have a minimum of 180 l/s of the air replaced by either general exhaust ventilation, supply ventilation, natural ventilation, or a combination of these. Where other heat or steam-generating appliances share the enclosure or room, the airflow must be increased to accommodate those appliances.

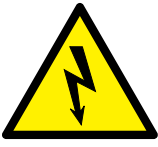
Note: The room requirement for multiple units may not be the "l/s air" sum of the tested individual units.

Due to continuous product research and development, the information contained herein is subject to change without notice.

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3.1 Setting Up

	IMPORTANT Do not turn power on before completing installation and fitting the cover panels.
	WARNING Disconnect electricity and water supply to machine each time panels are removed. Place a sign on the electric control panel indicating machine undergoing maintenance.
	IMPORTANT Failure to follow instructions can cause damage to the dishwasher

The packed machine must be unloaded and transported with a forklift truck, making sure to slot the forks in the pallet front on. Once on the ground, before being taken to the installation site, remove the packaging, lift the machine with the forks between the pallet and base, always in a diagonal and rear position, lift then remove the pallet and position the machine on the ground.

Using a pallet trolley (suitable for the weight to be lifted - see net weight in the data table), slot the forks under the base of the machine, placing cardboard between the pallet truck and the machine to avoid damaging it.

Do not lift the machine too high from the ground during transport and make sure the route is flat and free of any obstructions.

Before moving the machine, check the passageway size of doors and the space for steering operations.

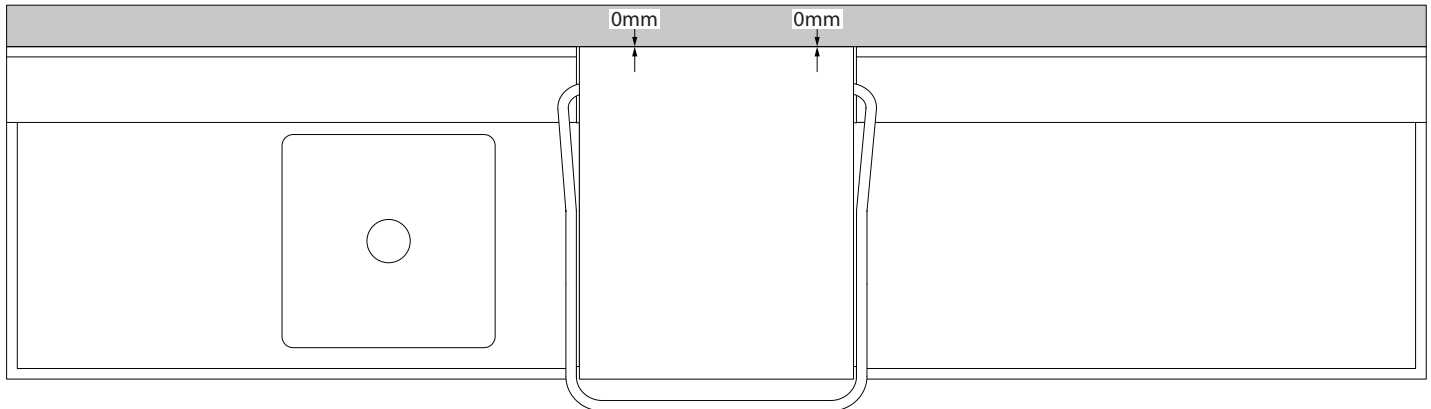
3.1.1 Unpacking

- Check the unit for damage before and after unpacking. If unit is damaged, contact the distributor and manufacturer
- Should any item have physical damage, report the details to the freight company and to the agent responsible for the dispatch within 48 hours of receipt. No claims will be accepted or processed after this period
- The unit is supplied fully assembled except for units with Energy Saving Device (ESD)
- Remove all protective plastic film, tapes, ties and packers before installing and operating
- Clean off any remaining residue from the interior/exterior of the unit using a clean cloth dampened with warm soapy water

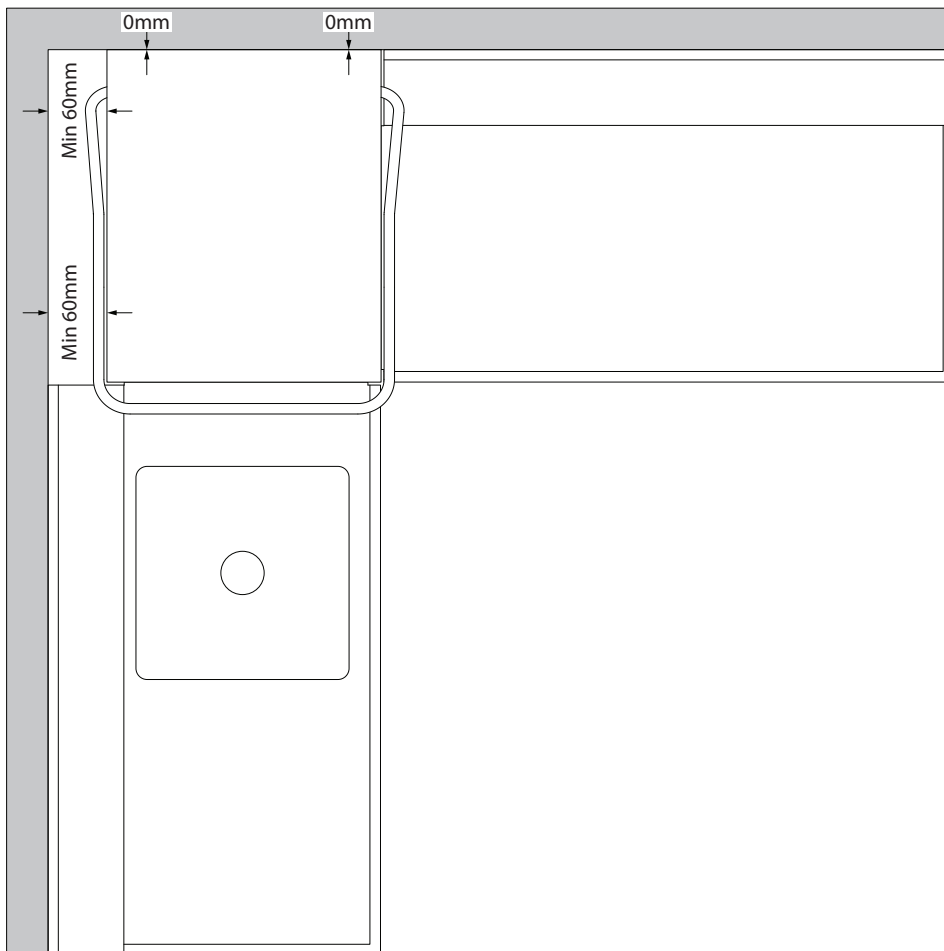
3.1.2 Positioning

- When moving the unit, ensure the cabinet is upright at all times
- Do not drag the unit across the floor as legs may become damaged
- When positioning the unit, avoid direct sunlight, warm drafts and heated areas for the unit to maintain the normal operating temperature
- Place the unit on a level stable work surface capable of supporting its weight
- For inline installation, maintain a minimum rear clearance of 0mm
- For corner installation, maintain a minimum rear clearance of 0mm and a side clearance of 60mm from the wall to allow handle movement
- Please consult national and local standards to ensure that your unit is positioned in accordance with any existing requirement Choose an area that is well ventilated and provides access for future maintenance

Inline Installation:



Corner Installation:



Due to continuous product research and development,
the information contained herein is subject to change without notice.

3.2 Electrical Connection

3.2.1 Information

	WARNING This unit must be installed in accordance with local electrical regulations/requirements. Some procedures in this manual require the power to the equipment to be turned off and isolated. Turn the power OFF at the power point and unplug the power supply lead by the plug body. If the power point is not readily accessible turn the equipment off at the isolation switch or the circuit breaker in the switchboard. Attach a yellow “CAUTION-DO NOT OPERATE” tag. This must be performed where relevant unless the procedures specify otherwise. FAILURE TO DO SO MAY RESULT IN ELECTRIC SHOCK.
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Three Phase Units:

- Power supply cable fitted (without plug) to the unit for on-site connection, by a licensed electrician. Indicated as:
- 3Ø + N + E

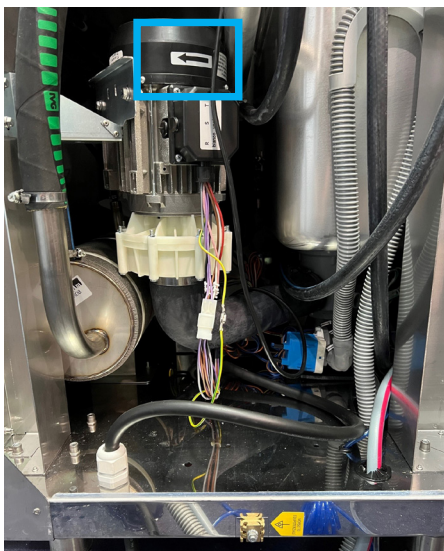
Notes:

- If the power supply cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Please contact Stoddart for parts and we will advise how to do this in order to avoid any electrical hazard
- The power cable should be dry and/or isolated from moisture or water
- Refer to Page 15 for back panel removal. Refer to Page 17 for front panel removal

3.2.2 Phase Rotation - AH60.42EPI.PRS / AH60.42EPI.ES

	IMPORTANT Phase Rotation MUST be confirmed. Ensure the motor is rotating as per direction arrow on the motor housing. Failure to do this may void warranty!
--	---

Once the unit has been connected to the power supply, confirm that the motor is rotating as per direction arrow on the motor housing (accessed from the back of the unit) using a phase rotation meter. Direction of motor is counter clockwise (CCW).



Phase rotation meter connected to supply terminal, accessed through front of unit



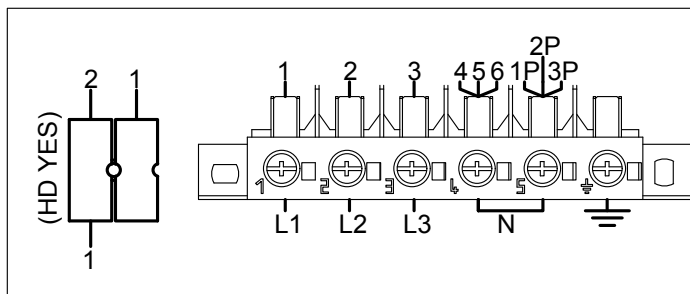
3.0 Installation

3.2.3 Low Power Option - AH800ESI.PRS / AH800ESI.ES

To access the control box follow instructions on page 17 “3.5 External Controller”.

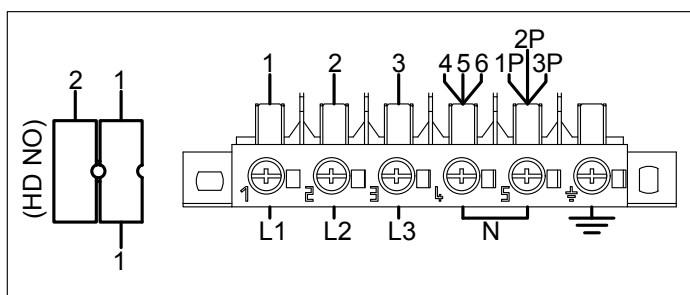
Factory Setting

Power 9550W
15A Circuit
L1=12A / L2=9A / L3=20A



Low Power Option

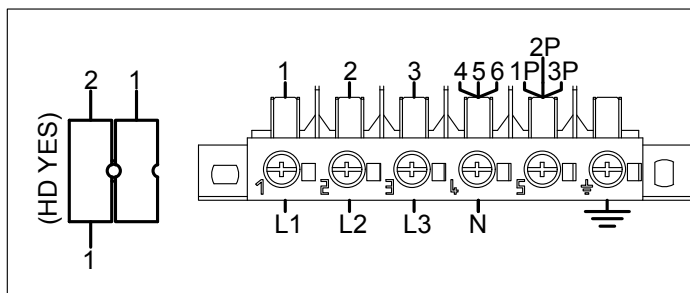
Power 6750W
15A Circuit
L1=12A / L2=9A / L3=11A



3.2.4 Low Power Option - AH60.42EPI.PRS / AH60.42EPI.ES

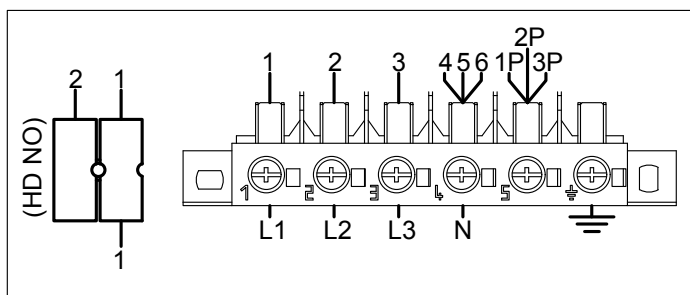
Factory Setting

Power 14800W
25A Circuit
L1=21A / L2=21A / L3=21A



Low Power Option

Power 10300W
20A Circuit
L1=15A / L2=15A / L3=15A



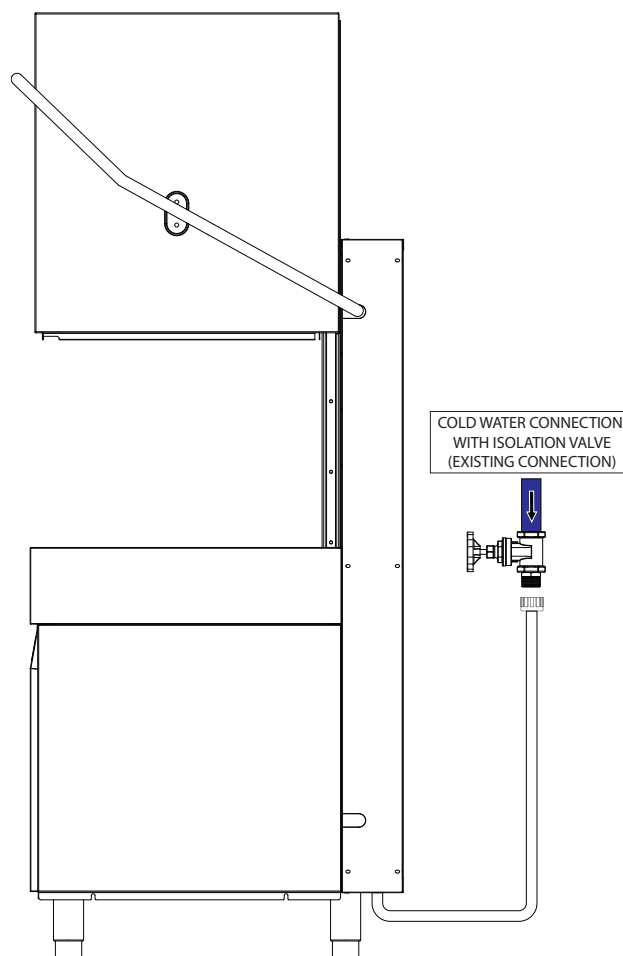
3.3 Plumbing - AH800EPRS / AH60.42EPRS

	IMPORTANT			
	This unit must be installed in accordance with the Plumbing Code of Australia (PCA). This product incorporates backflow prevention complying with WMTS-101, Clause 8.2(a)			
	IMPORTANT			
	This unit must be installed in accordance with the specified water temperature, pressure and quality limits stated in the user manual <table border="0"> <tr> <td data-bbox="544 674 571 741"></td> <td data-bbox="638 689 837 719">Min 10°C – Max 60°C</td> </tr> <tr> <td data-bbox="517 752 596 801"></td> <td data-bbox="638 766 841 795">200-500 kPa (2-5 Bar)</td> </tr> </table>		Min 10°C – Max 60°C	
	Min 10°C – Max 60°C			
	200-500 kPa (2-5 Bar)			

Make sure the water supply pressure is between 200-500 kPa (2-5 Bar). This measurement must be carried out during the first water filling; if the pressure is higher, install a pressure limiting valve (PLV) at the source.

If the water has a high content of calcium and magnesium salts, with hardness > 20°f, it is advisable to install a water softener. Each machine is supplied with a water filling rubber hose with a 3/4" connection which must be connected to the mains water supply.

The drain pipe must be connected to either a p-trap/s-trap spigot or tundish within 2m of the machine with a maximum drain height of 800mm.



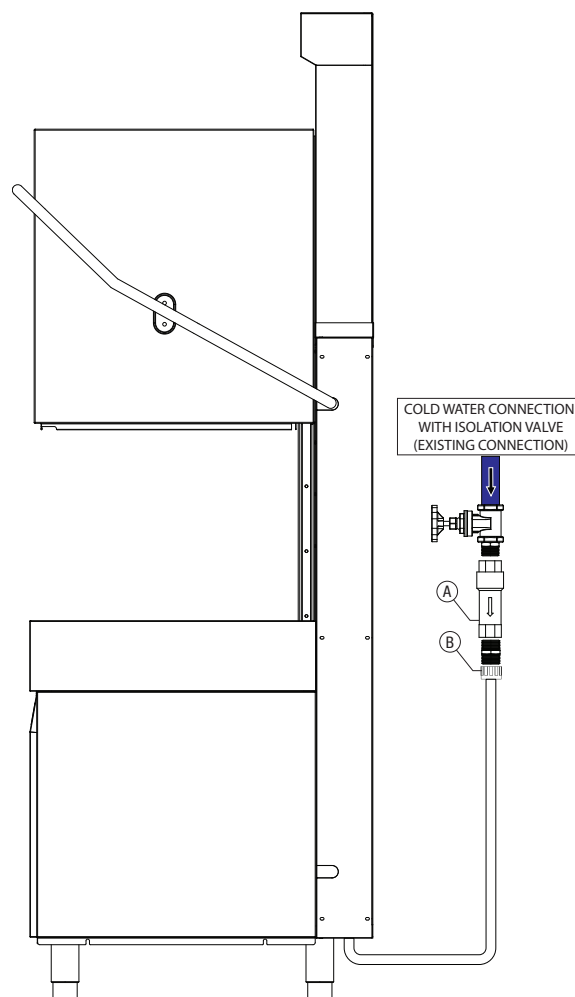
3.3 Plumbing - AH800EES / AH60.42EES

	IMPORTANT			
	This unit must be installed in accordance with the Plumbing Code of Australia (PCA). This product incorporates backflow prevention complying with WMTS-101, Clause 8.2(d)			
	IMPORTANT			
	This unit must be installed in accordance with the specified water temperature, pressure and quality limits stated in the user manual <table border="1" data-bbox="507 667 1248 801"> <tr> <td data-bbox="518 674 614 743">  </td> <td data-bbox="614 674 1248 743"> Min 10°C – Max 25°C </td> </tr> <tr> <td data-bbox="518 743 614 801">  </td> <td data-bbox="614 743 1248 801"> 200-500 kPa (2-5 Bar) </td> </tr> </table>		Min 10°C – Max 25°C	
	Min 10°C – Max 25°C			
	200-500 kPa (2-5 Bar)			

Make sure the water supply pressure is between 200-500 kPa (2-5 Bar). This measurement must be carried out during the first water filling; if the pressure is higher, install a pressure limiting valve (PLV) at the source. Connect the dual check valve 'A' and, 3/4" Nipple (Male) 'B' to the **cold water** connection

If the water has a high content of calcium and magnesium salts, with hardness > 20°f, it is advisable to install a water softener. Each machine is supplied with a water filling rubber hose with a 3/4" connection which must be connected to the mains water supply.

The drain pipe must be connected to either a p-trap/s-trap spigot or tundish within 2m of the machine with a maximum drain height of 800mm.



3.4 Chemical Connections

	CAUTION The use of “foaming/non-specific “detergents or in any case detergents used in a different way other than that prescribed by the manufacturer, can cause damage to the dishwasher and compromise the washing results.
	IMPORTANT Only Stoddart provided detergent/rinse-aid should be used. Other products may lead to voidance of warranty! DO NOT use cleaning agents with chlorines or other harsh chemicals as this can cause corrosion.

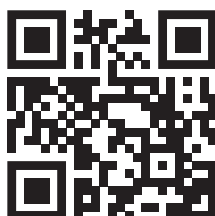
If the dishwasher has automatic dispensers for detergent and rinse aid, on the rear side of the machine there will be two small pipes to be inserted into the tanks of the respective products:

- The blue pipe is to be inserted into the rinse aid tank
- The clear pipe is to be inserted into the detergent tank

Before inserting the pipe make sure the suction filter and the ballast have been installed which allow the intake to take place from the bottom of the tank.



Dishwasher



Rinse-Aid

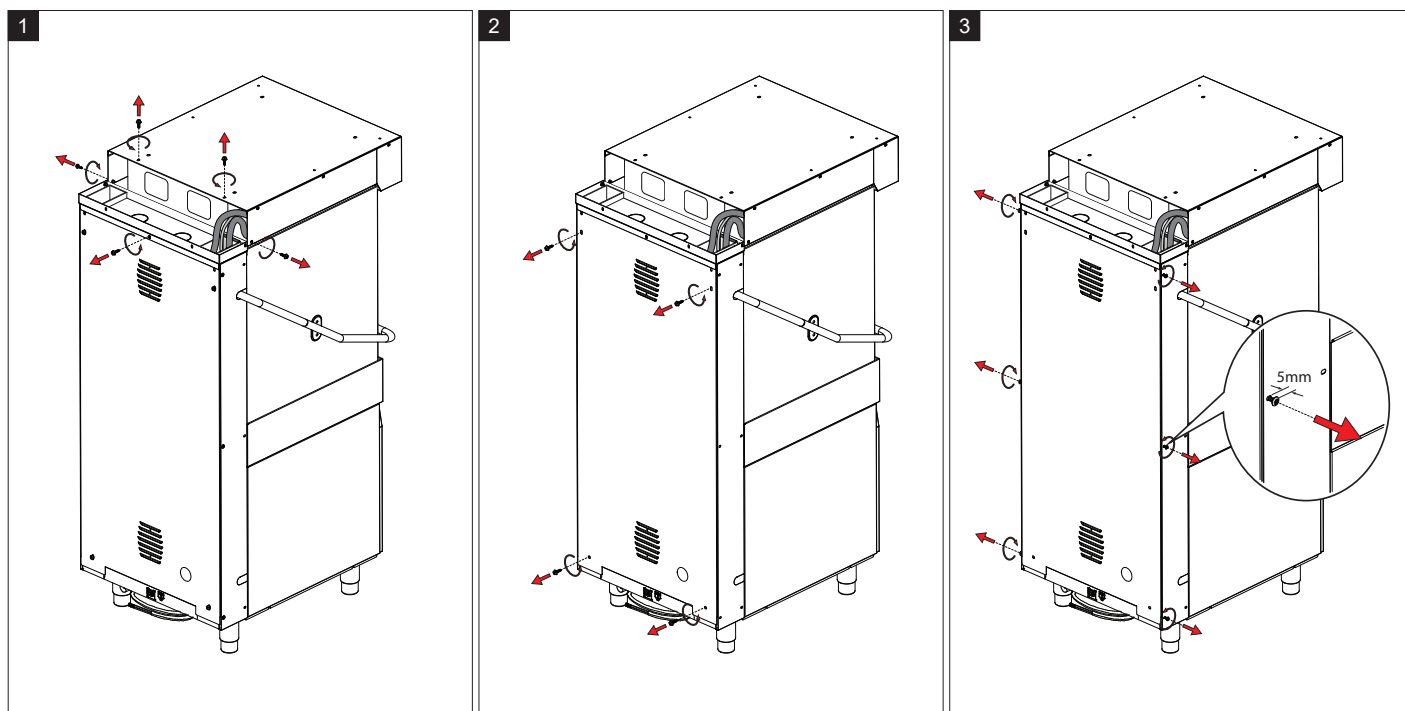


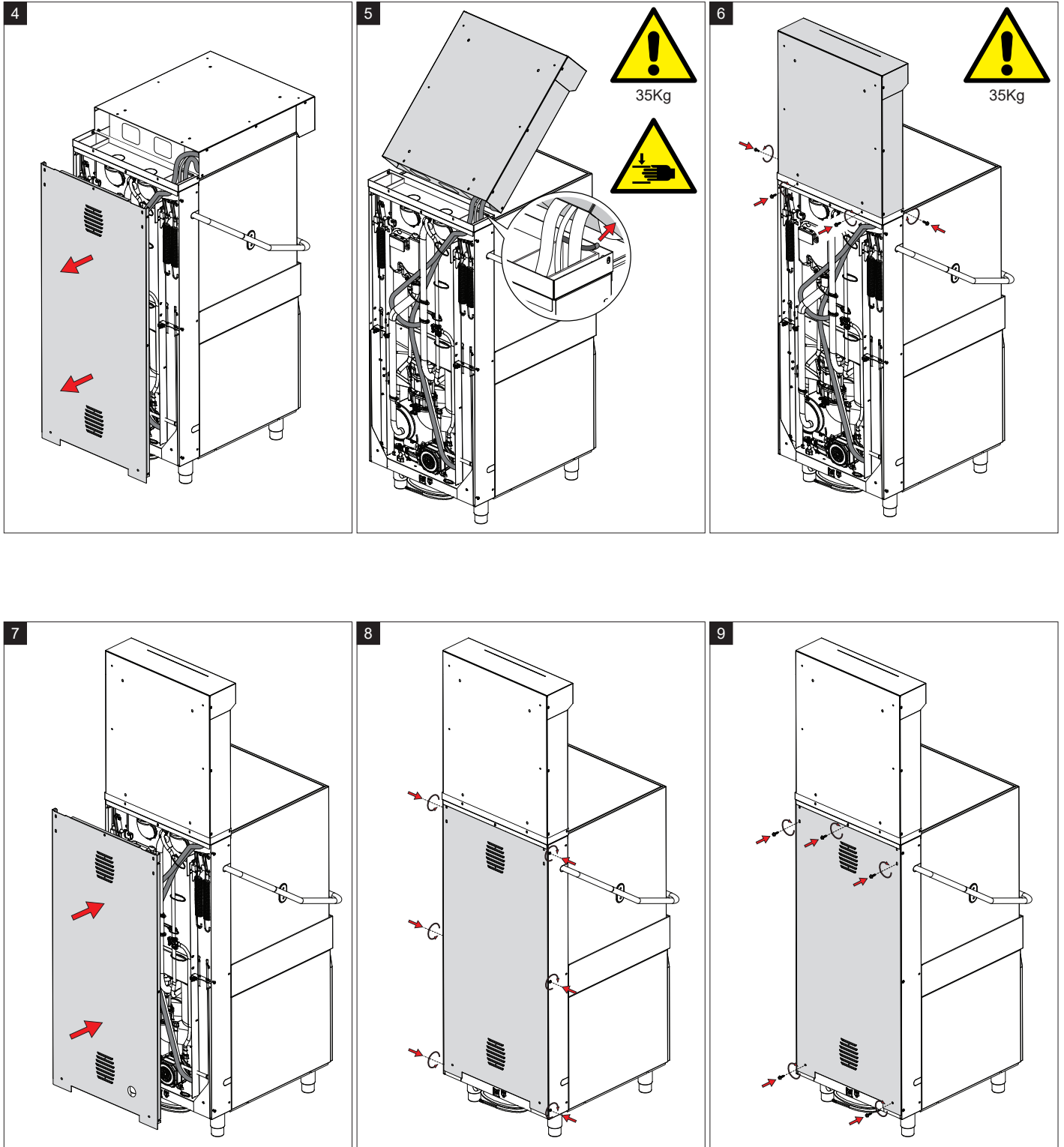
Dishwasher
Liquid Detergent

3.5 ESD Connection

	WARNING
	Unit MUST BE Disconnected from electricity and water supply
	IMPORTANT
	Failure to follow instructions can cause damage to the dishwasher

1. Remove five bolts from the ESD and dishwasher
2. Remove the four back panel bolts
3. Loosen and partially remove (5mm) the six side panel screws
4. Remove the back panel from the dishwasher
5. Lift the ESD into position, remove the protection strip from the hose chute
6. Lower the ESD into position then secure using the 4 previously removed bolts
7. Reinstall the back panel
8. Tighten the six side panel bolts to secure the back panel
9. Re-install the with the five previously removed back panel bolts

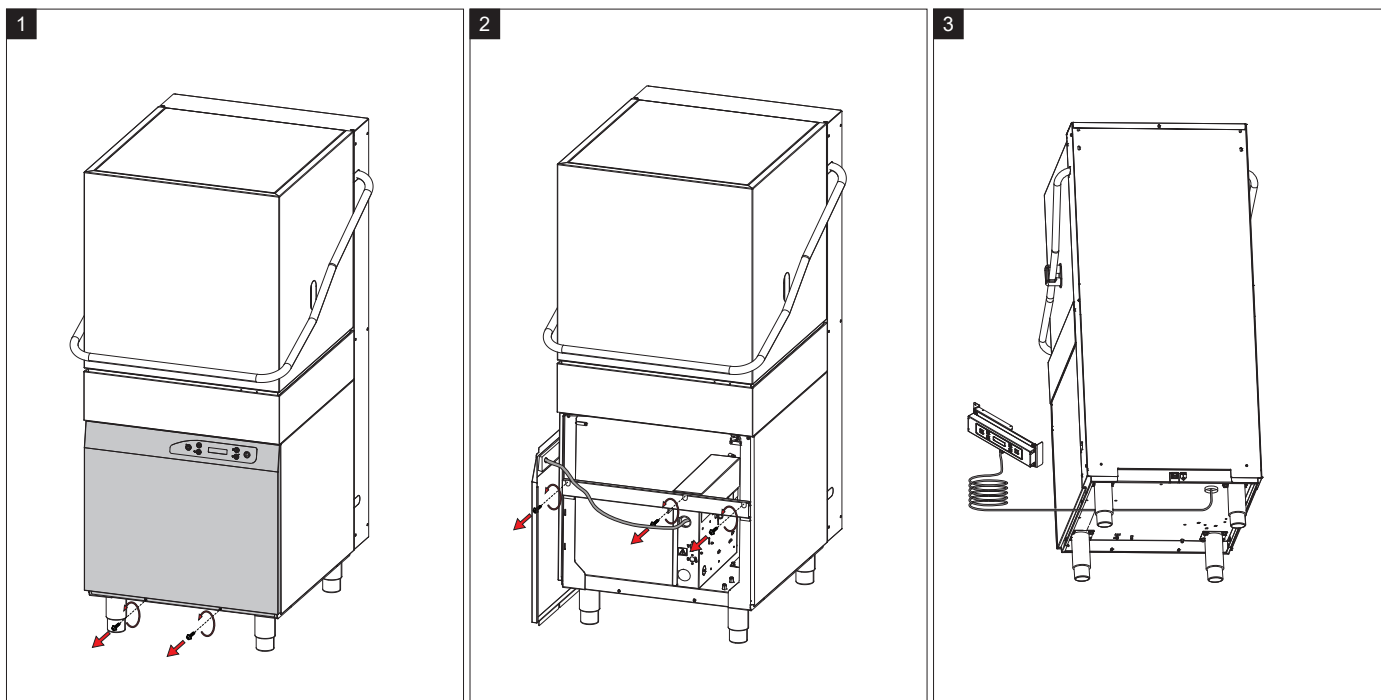


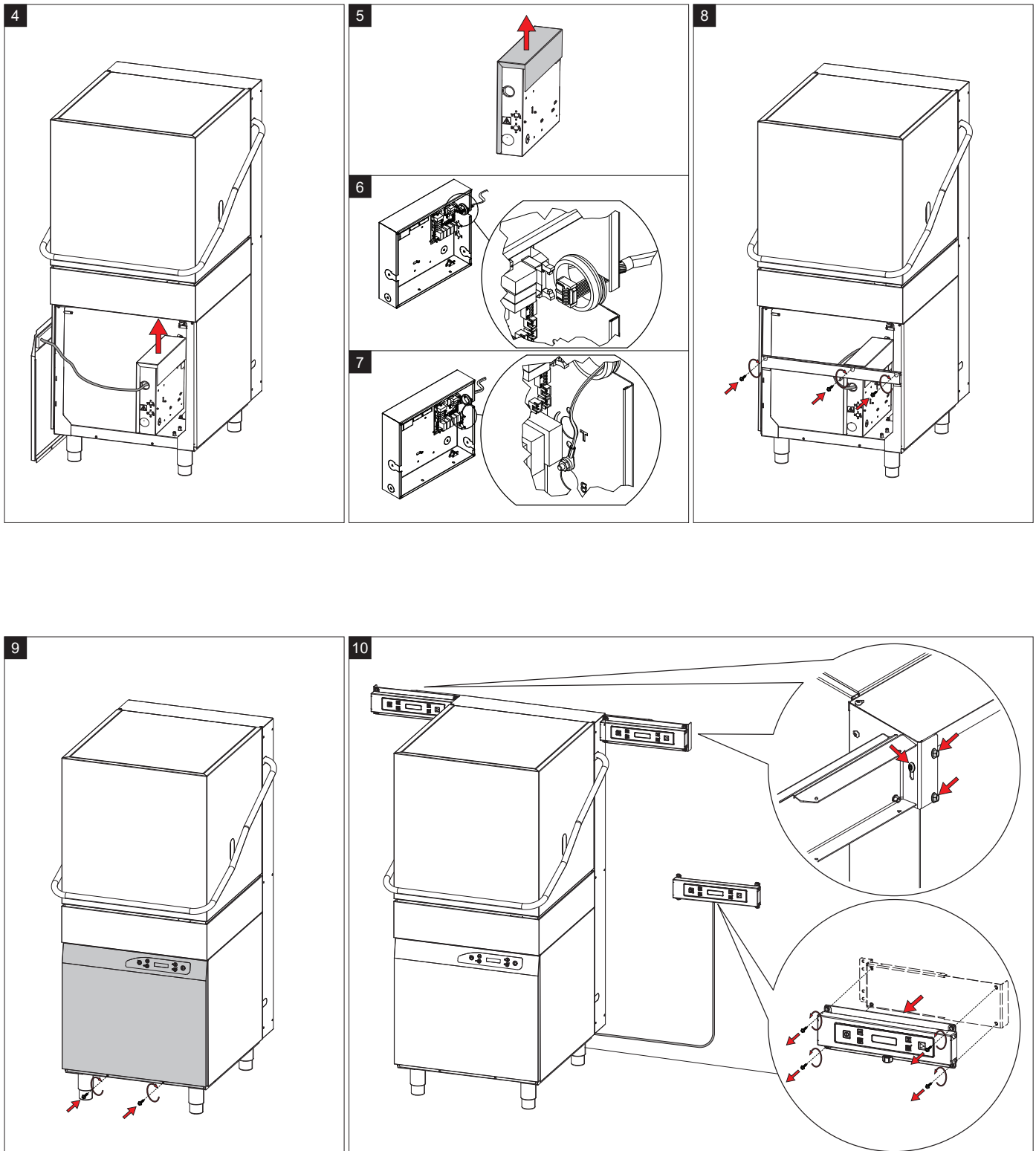


3.6 External Controller (optional)

	WARNING
	Unit MUST BE Disconnected from electricity and water supply
	IMPORTANT
	Failure to follow instructions can cause damage to the dishwasher

1. Remove the two bolts from the front fascia. Carefully remove the front fascia and place to the side of the unit (take care not to damage the control panel ribbon cable)
2. Remove the cross support bar and three bolts
3. Feed the external control panel ribbon cable through the flange hole on the underside of the unit
4. Lift and remove the control box from the unit
5. Remove the control box cover
6. Disconnect the front fascia ribbon cable and connect the external control panel ribbon cable
7. Disconnect the front Fascia earth cable and connect the external control panel earth cable
8. Re-install the control box cover then place back inside the unit. Re-install the cross support bar
9. Re-install the front fascia panel
10. The external control panel can be mounted to the top rear sides of the unit by removing two rear screws and one side screw then attaching. For wall mounting or bench mounting remove the rear bracket, then secure to wall/bench with appropriate fixings





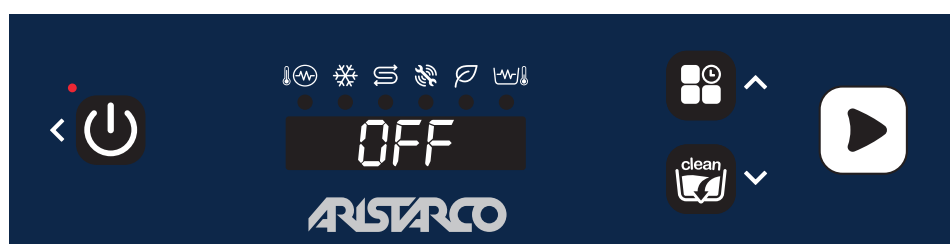
4.1 Description Of Controls

4.1.1 Control Panel



Item	Icon	Function
01		Led showing power connected. Led will be red if machine is OFF. Led will be green if machine is ON
02		ON/OFF button. Self-clean upon switching OFF (if activated)
03		Display used to show status of the machine
		Boiler temperature led: flashing led=heating in process; fixed led=set temperature has been reached
		Led indicating rinsing/ cold prewash activated (optional)
		Led indicating salt needed (optional)
		Led indicating requested maintenance
		Led indicating GREEN function activated
		Tank temperature led: flashing led=heating in process; Fixed led=set temperature has been reached
04		Wash cycle selection button
05		Drain/self-clean cycle selection button
06		Multicoloured wash cycle start button

Upon supplying power, the display on the dishwasher will show the message "HELLO" for a few seconds followed by the version of the installed firmware. Following this, the dishwasher moves into a standby state displaying the message "OFF". The message "OFF" remains visible for 10 minutes, then the display switches off altogether.



Led light "1" stays red while the dishwasher is connected to a power source but is switched off (standby).

4.1.2 Start Button Cycle Colour

	YELLOW: filling, heating, draining FLASHING YELLOW: door open, active warning		PURPLE: auto clean cycle in progress
	GREEN: dishwasher ready for a wash cycle FLASHING GREEN: wash cycle finished, rack to be removed		RED: alarm FLASHING RED: bypass alarm
	BLUE: wash cycle in progress FLASHING BLUE: door open during wash cycle		WHITE: inside menu FLASHING WHITE: active menu exit TEST- IN / OUT
	LIGHT BLUE: cold pre-rinse cycle or cold pre-wash cycle		

4.2 Initial Start-up



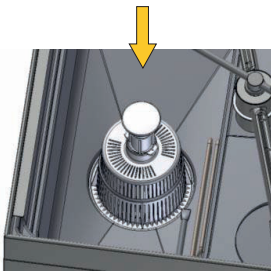
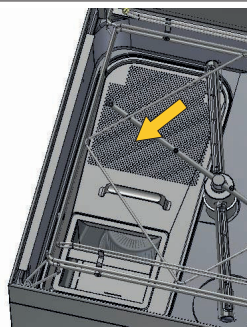
IMPORTANT

The first time the dishwasher is started after installation, make sure to run a 2/3 cycles without dishes to flush out any industrial grease which has remained in the tank and piping.

The user must have sufficient knowledge and experience in order to read and comprehend the information in this manual, interpret the signs and symbols on the machine and carry out safety operations (e.g., turn off the main switch if water leaks are detected inside the technical compartment or in case of malfunction causing unusual noises).

4.2.1 Checks and Adjustments

In setting up the dishwasher, carry out the following checks: Verify that all the cover panels and safety devices are fitted and functioning.

Check that the overflow pipe and pump filter are properly fitted	Check that the surface filters are placed correctly
	

Make sure the power cable is connected to the control panel. Verify the dishwasher's water loading tube is correctly inserted and the water faucet is open. Make sure the drain hose is correctly inserted and on a slope into the drain pit. Verify that the detergent and rinse aid pipes are properly inserted into their respective tanks.



The initial start-up of the dishwasher must be carried out by an authorised technician who has been trained accordingly and can carry out all the necessary checks to ensure the correct functioning of the dishwasher. The adjustments of the detergent and rinse aid dosages and the eventual water softener setting (where applicable) will be carried out directly by the technician during the initial installation.



Inverting the detergent and rinse aid pipes can cause irreversible damage to the internal dispensers. It is strongly recommended to pay particular attention to inserting the pipes into the correct containers.

At the initial installation the authorised technician must:

- Fill the detergent and rinse aid pipes. This is an automatic procedure which is activated directly from the dishwasher control panel.
- Set the correct dosage of detergent and rinse aid. The correct setting is achieved by following the indications shown on the packaging of the chemical products. The adjustment will be based upon the hardness of the water. This setting is carried out on the control panel of the dishwasher.



Every time the type of detergent or rinse aid is changed it will be necessary to completely empty the tank and the boiler, connect the suction pipes to a container of hot water (max. 65°C) and run 3 wash cycles. This operation is necessary to avoid that the pipes crystallise causing possible damage to the dispenser.

4.3 Starting the Dishwasher

Close the dishwasher door and press the **ON/OFF** button  to switch on the machine



4.3.1 Filling

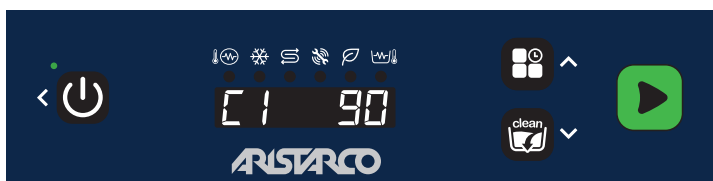
Once the machine has been switched on, the filling will start. During the water filling process, the display will show the message **"FILL"** and the **START**  button will turn yellow:



Once the filling process is completed, the heating process begins and the chemical dispensing process (if applicable).

4.3.2 Heating

The display will show the last cycle run. If a minimum wash temperature hasn't been set, the dishwasher will be ready and the **START**  button will be green.



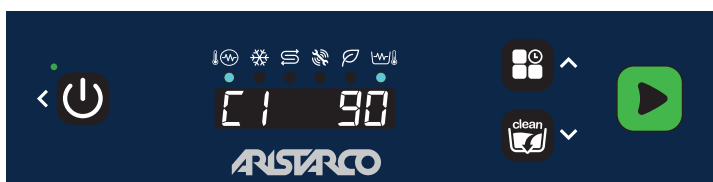
If however, a minimum wash temperature has been set (this function can be enabled only by an authorised technician) and the temperature in the tank is inferior to the set temperature, the dishwasher will move on to the heating phase and the display will read **"HEAT"** with intermissions of the temperature displayed:



During the heating process the indicator lights  and/or  will flash. Once the temperature has been reached these lights will stop flashing and will remain fixed. The wash cycle cannot start unless the tank temperature has reached the minimum temperature. Upon trying to start the cycle, the message **"WAIT"** will appear on the display:



Once the minimum temperature has been reached in the tank, the dishwasher will be ready and the **START** button  will be green whilst the display will show the last activated cycle.



4.3.3 Auto-Start Function

All dishwashers as a standard include the Auto-start function. Auto-start enables to start a wash cycle upon closing the door. The Auto-start function is enabled and disabled by pressing and holding the **MENU** button  with the dishwasher “ready” (green START button ) or in heating phase (yellow START button ). The confirmation of enabling or disabling is given by the following messages appearing on the display:



4.3.4 Starting the Wash Cycle

Open the door and insert the rack filled with items to be washed. By repeatedly pressing **MENU** button , the 4 wash cycles scroll. The cycles are identified with codes C1, C2, C3 and C4 followed by the duration of the cycle in seconds.

CYCLES	TYPE OF KITCHENWARE *
C1	Glasses
C2	Cups, and crockery slightly soiled
C3	Plates
C4	Intensive cycle



The duration of the cycle may vary according to the inlet water temperature with the Thermostop option active. In the dishwashers with incorporated water softener, the selected cycle may be longer, on a regular basis during the phase of automatic regeneration.

* It is advisable to always select the most suitable cycle based upon the type of soiled condition to treat. Select longer cycles for my insistent type of dirt and full racks to ensure the correct removal of all residues.

The wash cycle is actioned by pressing the **START** button  or alternatively, by simply closing the door, if the “Auto-start” function has been enabled.



During the wash cycle the display will show the countdown and the **START** button  will be BLUE.

It is possible to cancel the wash cycle by pressing and holding the **START** button  or by switching off the dishwasher by holding the **ON/OFF** button . At the end of the cycle the **START** button  will be flashing green and on the display will read “END” with the code of the cycle which has just finished.



This visual will remain active until the door is opened.

4.3.5 Thermostop Function

If the Thermostop function is active (option which can be enabled only by an authorised technician) the wash cycle will be extended until the minimum rinse temperature has been reached. On the display the countdown will be substituted with “HEAT”. Once the set temperature has been reached the cycle will proceed with the pause/drain and rinse phases.



4.3.6 Door Opening

Opening the door will interrupt the cycle.



If the door is closed within 10 seconds the cycle restarts from the beginning, however if the door remains open longer than 10 seconds, the cycle is annulled. The indication on the display of the door being open will read "DOOR" with the **START** button  flashing blue in the case of a suspended wash cycle or with the **START** button  flashing yellow in every other case:



4.4 Green Function

The **GREEN** function  enables the heating of the boiler to be managed in an intelligent manner in order to reduce energy consumption. At the end of the wash cycle the boiler temperature is not taken to its set value but rather to a lower temperature. It will be sufficient to open the door to introduce a new rack or to launch a new wash cycle to reactivate the heating of the boiler temperature. During the wash cycle the boiler will automatically reach the correct temperature for rinsing.

This function is advisable when there are not so many consecutive wash cycles to run. To activate it scroll through the programs with the **MENU** button  until the message **GREEN** appears. Press the **START** button  to enable or to disable this function. The activation of the **GREEN** function  is identified by the illuminated indicator light.

Note: To change "GREEN"

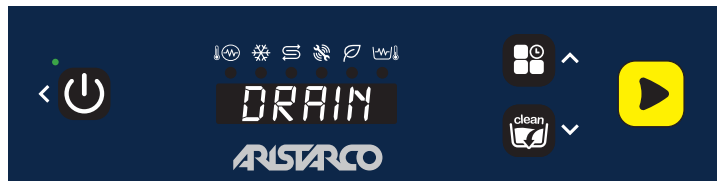


Green Function Activated



Green Function Deactivated

4.5 Emptying the Dishwasher



4.5.1 Dishwasher Version With Overflow Pipe

Switch off the dishwasher by pressing and holding the **ON/OFF** button  until the message “**DRAIN**” appears.

Open the door, extract the surface filters (if present), and remove the overflow pipe. Re-close the door and wait for the drain and self-clean processes.

At the end, the dishwasher will switch off automatically. At any moment it is possible to cancel the drain cycle by pressing and holding the **ON/OFF** button .

4.5.2 Dishwasher Version Without Overflow Pipe

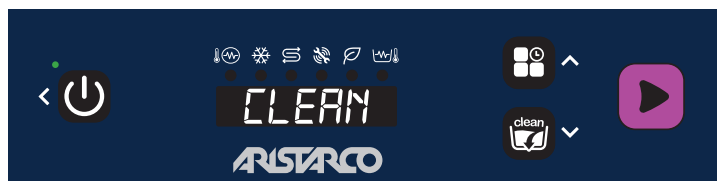
Press and hold the **CLEAN** button  until the “**DRAIN**” message is displayed.

Wait for the drain and self-clean processes. At the end the dishwasher will switch off automatically.

At any moment it is possible to cancel the drain cycle by pressing and holding **ON/OFF** button .

4.5.3 Self Clean

The Self-clean function of the wash chamber is activated automatically once the chamber has emptied. The self-clean function will only proceed if the door is closed. During the cleaning operation the display will read “**CLEAN**” with the **START** button  coloured purple until the cycle is complete, following which the dishwasher will switch off.



N.B: In dishwashers without overflow pipe (SD system), the self-clean cycle will last longer.



To avoid damaging the pump and/or clogging the drain, it is advisable to remove the pump filter only at the end of the drain and self-clean operations.

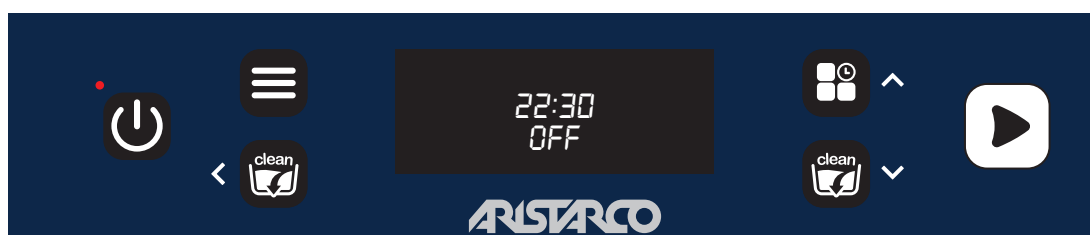
5.1 Description Of Controls

5.1.1 Control Panel



Item	Icon	Function
01		Voltage indicator LED. In Machine OFF status, the LED is red In Machine ON status, the LED is green
02		ON/OFF button. Self-clean upon switching OFF (if activated)
03		Button to access settings menu
03		Button to select drain/self-cleaning cycle Back button
05		Display used to show status of the machine
		Boiler temperature: flashing=heating; steady=set temperature reached
		Cold rinse/prewash enabled (optional)
		No salt (optional)
		Detergent run out (Message only appears with detergent probes installed)
		Rinse aid run out (Message only appears with detergent probes installed)
		Fault
		Maintenance required
		Dishwasher connected to Wi-Fi
		GREEN function activated
		Tank temperature: flashing=heating; steady=set temperature reached
		Loading bar
06		Button to select wash cycle Arrow up button
07		Enable cold rinse (if provided) Arrow down button
08		Multicoloured - wash cycle start button

Upon supplying power, the display on the dishwasher will show the message “HELLO” for a few seconds followed by the version of the installed firmware. Following this, the dishwasher moves into a standby state displaying the message “OFF”. The message “OFF” remains visible for 10 minutes, then the display switches off altogether.



Indicator light “1” stays red while the dishwasher is connected to a power source but is switched off (standby).

5.1.2 Start Button Cycle Colour

	YELLOW: filling, heating, draining FLASHING YELLOW: door open, active warning		PURPLE: auto clean cycle in progress
	GREEN: dishwasher ready for a wash cycle FLASHING GREEN: wash cycle finished, rack to be removed		RED: alarm FLASHING RED: bypass alarm
	BLUE: wash cycle in progress FLASHING BLUE: door open during wash cycle		WHITE: inside menu FLASHING WHITE: active menu exit TEST- IN / OUT
	LIGHT BLUE: cold pre-rinse cycle or cold pre-wash cycle		

5.2 User Menu

5.2.1 User Menu - Customise

1. To access the USER menu, switch off the dishwasher while holding down the **ON/OFF** button
2. Hold down **MENU** button  for about 1 second to access the menu
3. Inside the menu, scroll through the entries using arrow keys  ^  v
4. To edit the parameter displayed, press the **START** button 
5. The value shown by the parameter may be changed using arrow keys  ^  v
6. To confirm, press the **START** button 
7. To cancel and/or exit the menu, press the **ON/OFF** button 

5.2.2 User Menu - Parameters

Inside the menu, scroll through the customisation entries:

Language: for changing the language of the messages on the display. Languages available:

• Italian • English • French • Spanish • German • Portuguese • Dutch • Polish.

Temperature Scale: for selecting the temperature scale shown on the display (°C or °F).

Initial Message: for displaying a message when switching on the dishwasher.

One of the following messages may be selected:

- a. Date and time (available only on some dishwasher models)
- b. 2-line text
- c. Clock and one line of text
- d. If choosing an initial message with text, this can be customized in the next entry.

Initial Text: for customizing the text shown on the display when switching on the dishwasher. The text is only shown if the parameter **"INITIAL MESSAGE"** has activated text display. To edit the text, press the **START** button .

Using arrow keys  ^  v, scroll through the characters available, and confirm with the **START** button  to switch to the next character. To confirm the text and exit, hold down the **START** button .

Message Off: for choosing between:

- a. ON: with the dishwasher off, the display will always show the message OFF and the current time (available only on some dishwasher models)
- b. ECO: with the dishwasher off, the display will show the message OFF and the current time (available only on some dishwasher models) for 10 minutes, then switch off completely.

Clock: available only on some dishwasher models, for adjusting the date and time.

Brightness: for adjusting the brightness of the display

Auto-start: for enabling/disabling the Auto-start function, i.e. starting the wash cycle upon closing the door

Total Cycles: display-only parameter, for showing the number of wash cycles run by the dishwasher

Green System: for enabling/disabling the energy-saving function (see chapter **"GREEN FUNCTION"**)

5.2 Initial Start-up



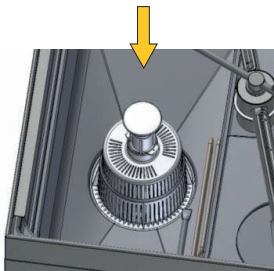
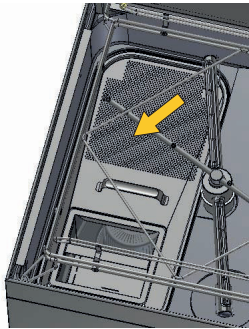
IMPORTANT

The first time the dishwasher is started after installation, make sure to run a 2/3 cycles without dishes to flush out any industrial grease which has remained in the tank and piping.

The user must have sufficient knowledge and experience in order to read and comprehend the information in this manual, interpret the signs and symbols on the machine and carry out safety operations (e.g., turn off the main switch if water leaks are detected inside the technical compartment or in case of malfunction causing unusual noises).

5.2.1 Checks and Adjustments

In setting up the dishwasher, carry out the following checks: Verify that all the cover panels and safety devices are fitted and functioning.

Check that the overflow pipe and pump filter are properly fitted	Check that the surface filters are placed correctly
	

Make sure the power cable is connected to the control panel. Verify the dishwasher's water loading tube is correctly inserted and the water faucet is open. Make sure the drain hose is correctly inserted and on a slope into the drain pit. Verify that the detergent and rinse aid pipes are properly inserted into their respective tanks.



The initial start-up of the dishwasher must be carried out by an authorised technician who has been trained accordingly and can carry out all the necessary checks to ensure the correct functioning of the dishwasher. The adjustments of the detergent and rinse aid dosages and the eventual water softener setting (where applicable) will be carried out directly by the technician during the initial installation.



Inverting the detergent and rinse aid pipes can cause irreversible damage to the internal dispensers. It is strongly recommended to pay particular attention to inserting the pipes into the correct containers.

At the initial installation the authorised technician must:

- Fill the detergent and rinse aid pipes. This is an automatic procedure which is activated directly from the dishwasher control panel.
- Set the correct dosage of detergent and rinse aid. The correct setting is achieved by following the indications shown on the packaging of the chemical products. The adjustment will be based upon the hardness of the water. This setting is carried out on the control panel of the dishwasher.



Every time the type of detergent or rinse aid is changed it will be necessary to completely empty the tank and the boiler, connect the suction pipes to a container of hot water (max. 65°C) and run 3 wash cycles. This operation is necessary to avoid that the pipes crystallise causing possible damage to the dispenser.

5.2.2 Setting The Language

Press the **START** button  to access the list of languages. Using arrow keys    , scroll through the languages until the desired one is found. Languages available: Italian, English, French, Spanish, German, Portuguese, Dutch, Polish. Confirm with the **START** button .

After confirming, you will move on to the water hardness setting.



5.2.3 Detergent Dosage Function

Follow the directions on the package of the product used for a correct setting. Obtain the recommended dosage in grams/litre.

Press the **START** button  to edit, and use arrow keys  , to set the detergent recommended dose. Confirm with the **START** button . After confirming, you will move on to the rinse aid dosage setting.

5.2.4 Rinse Aid Dosage

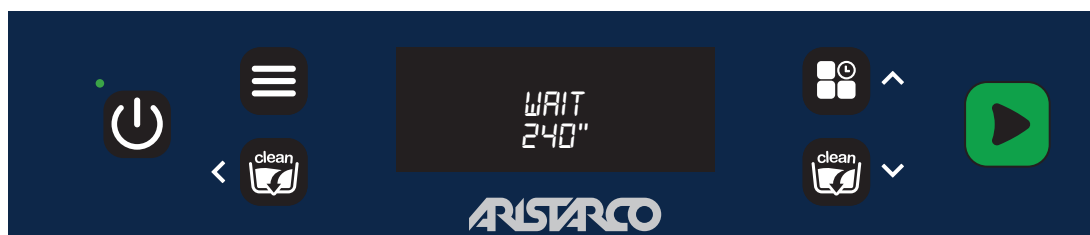
Follow the directions on the package of the product used for a correct setting. Obtain the recommended dosage in grams/litre.

Press the **START** button  to edit, and use arrow keys  , to set the detergent recommended dose. Confirm with the **START** button . After confirming, move on to suction tube filling.

5.2.5 Suction Tube Filling

The final request concerns filling the tubes that suction detergent and rinse aid from the tanks. At request "**DISPENSER PRELOADING**", press the **START** button  to edit, and use arrow keys  , to select "**ON**".

If you select "**OFF**" and then confirm by pressing the **START** button , you will exit the wizard. If you select "ON" and then confirm by pressing the **START** button , you will move on to the next step, to start filling, press the **START** button  again.



Note: The preload procedure lasts 4 minutes. Once finished, the dishwasher switches on and begins loading water.



The initial start-up of the dishwasher must be carried out by an authorized technician who has been trained accordingly, and can carry out all the necessary checks to ensure the correct operation of the dishwasher.

The adjustments of the detergent and rinse aid dosages and the eventual water softener setting (where applicable) will be carried out directly by the technician during the initial installation.

5.3 Starting Phases

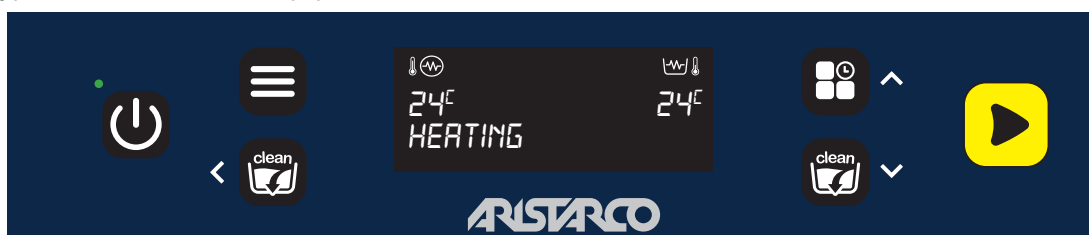
5.3.1 Filling

After switching on, the filling will start. During the filling phase, the **START** button  turns yellow:
After filling, heating and chemical dosing (where provided) will start

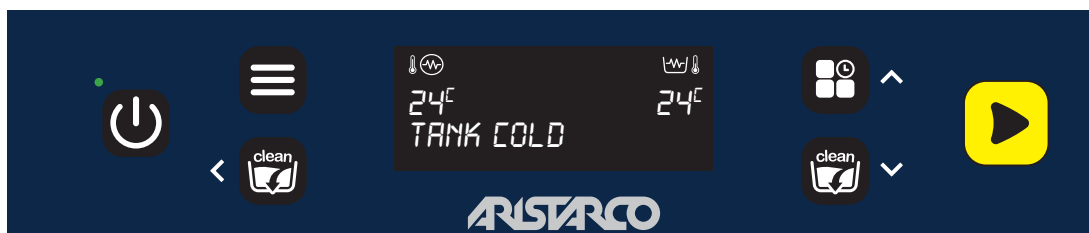


5.3.2 Heating

During the heating phase, the **START** button  stays yellow:



During this phase, it is not possible to start the wash cycle. If you attempt to start the cycle, the display will show the message:



Once the minimum tank temperature has been reached, the dishwasher is ready and the **START** button  is green, the display will show the last cycle used.



5.3.3 Autostart Function

All dishwashers have the **Autostart** function as standard. **Autostart** enables starting the wash cycle upon closing the door. The **Autostart** function is enabled or disabled by holding down the **MENU** button  with the dishwasher “ready” (**START** button  green) or heating (**START** button  yellow). Enabling and disabling are confirmed by the following display messages:

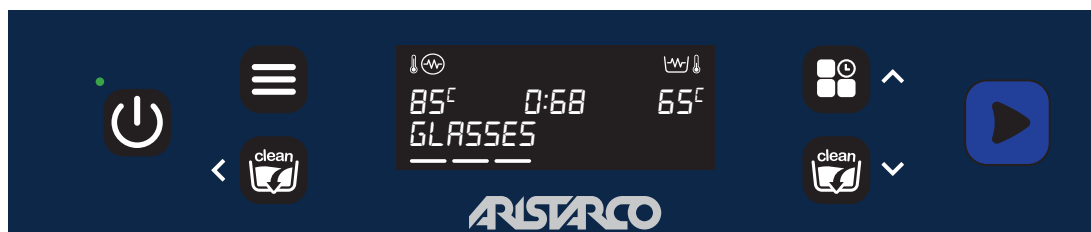


5.3.4 Starting The Wash Cycle

Open the door and insert a rack with the kitchenwares to be washed. Pressing the **MENU** button  repeatedly will run 4 wash cycles. We recommend always choosing the most suitable cycle for the soil level. Choose longer cycles for stubborn dirt and with the rack full to ensure all residue is properly removed.

 The cycle duration may vary depending on the mains water temperature with the Thermostop option enabled. In dishwashers with incorporated water softener, on a regular basis the cycle chosen may be longer due to automatic regeneration operations.

The wash cycle starts by pressing the **START** button  or, alternatively, if the **Autostart** function is enabled, by closing the dishwasher door. During the wash cycle, the display will show a countdown and the **START** button  turns BLUE. A wash cycle may be cancelled by holding down the **START** button , or by switching off the dishwasher by holding down the **ON/OFF** button .

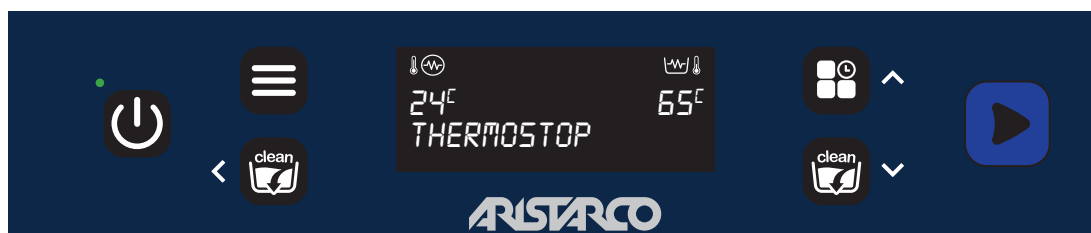


Once the cycle is completed, the **START** button  flashes green and the display will show the following message:



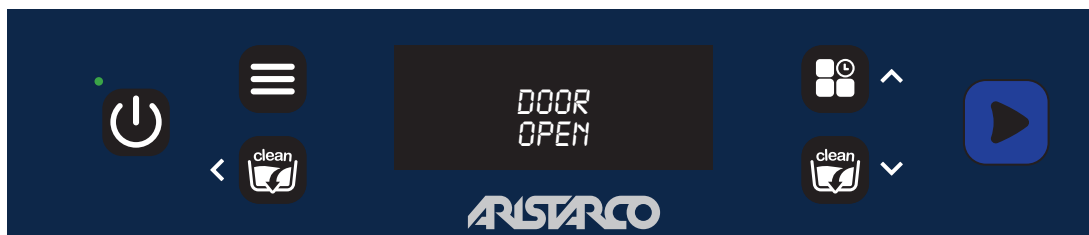
5.3.5 Thermostop Function

The **Thermostop** function extends the wash cycle until the minimum rinse temperature is detected.

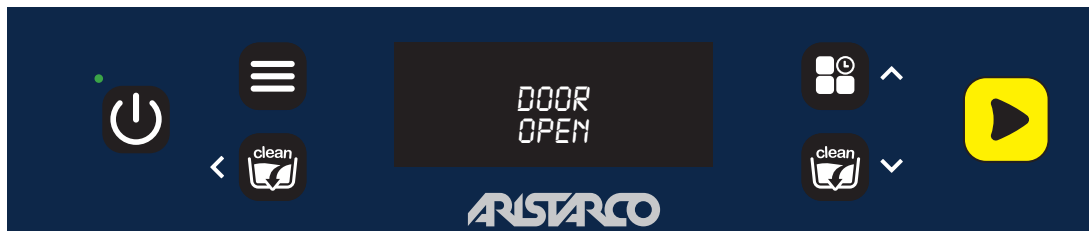


5.3.6 Door Opening

Opening of the door stops the cycle.



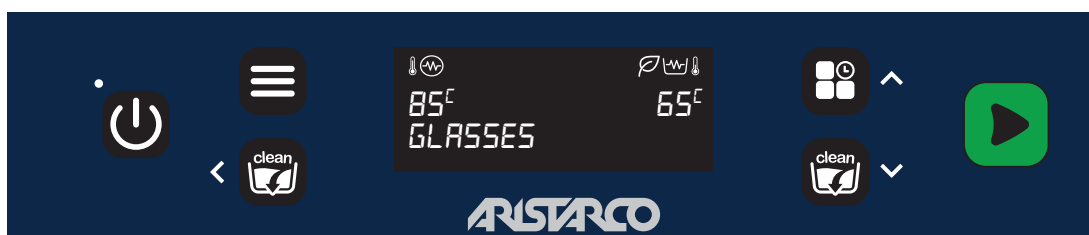
If the door is closed again within 10 seconds, the cycle restarts from the beginning, whereas if the door stays open for longer than 10 seconds, the cycle is cancelled. The “door open” message is given by the **START** button  flashing blue if the wash cycle has been suspended, or by the **START** button  flashing yellow in all other cases:



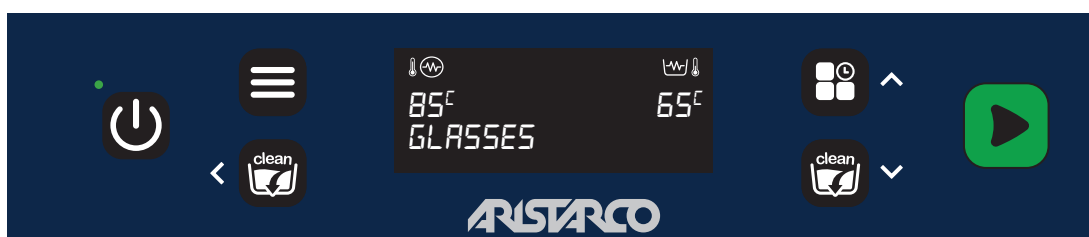
5.4 Green Function

The **GREEN** function  enables heating the boiler smartly in order to reduce energy consumption. Once the wash cycle is completed, the boiler temperature is not brought to the steady state value but to a lower temperature. Simply open the door to introduce a new rack, or start a new wash cycle to heat the boiler again. During the wash phase, the boiler will automatically reach the correct temperature for rinsing.

This function is recommended when not running too many consecutive wash cycles. This function can be enabled from the user menu. With the function enabled, indicator light  illuminates on the display.



GREEN function enabled

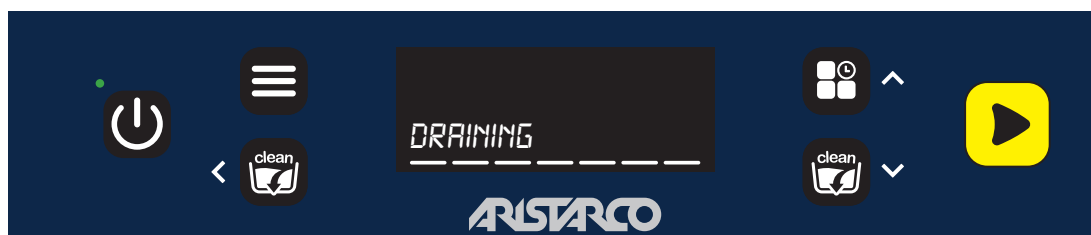


GREEN function disabled

To turn the “**GREEN**” function ON/OFF:

1. Access the USER menu, switch off the dishwasher while holding down the **ON/OFF** button
2. Hold down **MENU** button  for about 1 second to access the menu
3. Inside the menu, scroll through the entries to “**GREEN FUNCTION**” using arrow keys  
4. To edit the parameter, press the **START** button 
5. The value shown by the parameter may be changed using arrow keys  
6. To confirm, press the **START** button 
7. To cancel and/or exit the menu, press the **ON/OFF** button 

5.5 Emptying The Dishwasher



5.5.1 Dishwasher Version With Overflow Pipe

Switch off the dishwasher while holding down the **ON/OFF** button .

Open the door, take out the surface filters (where applicable) and remove the overflow. Close the door and wait for the drain and self-cleaning operations. Once finished, the dishwasher switches off by itself. At any time, it is possible to cancel the drain cycle by holding down the **ON/OFF** button .

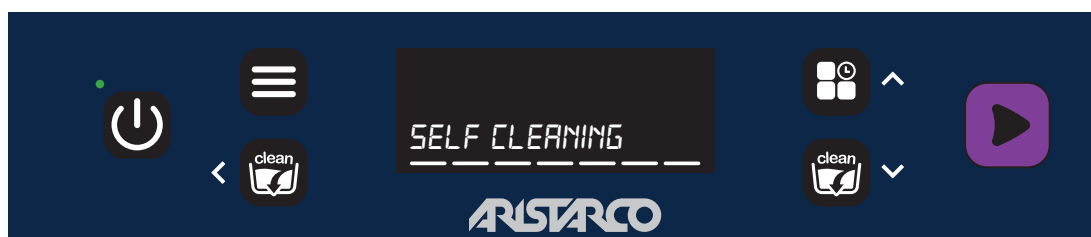
5.5.2 Dishwasher Version Without Overflow Pipe

Press and hold the **SELF CLEANING** button .

Wait for the drain and self-cleaning operations. Once finished, the dishwasher switches off by itself. At any time, it is possible to cancel the drain cycle by holding down the **ON/OFF** button .

5.5.3 Self Clean

The wash chamber **Self-Cleaning** function is automatically enabled once the tank has been emptied. In order for self-cleaning to be enabled, the dishwasher door must be closed. During cleaning operations, the **START** button  turns purple until the cycle is completed, after which the dishwasher turns off.



Note: In dishwashers without overflow (SD System), the self-cleaning cycle lasts longer.



To avoid damaging the pump and/or clogging the drain, it is recommend removing the pump filter only after the draining and self-cleaning operations.

6.1 Cleaning

	IMPORTANT Daily cleaning is required to aid in the prevention/reduction of soil and limescale build-up
	WARNING This unit is NOT waterproof, DO NOT hose. DO NOT pour water directly onto the unit. DO NOT immerse in water
	IMPORTANT Some commercial stainless steel cleaners leave residue or film on the metal that may entrap fine particles of food, deeming the surface not FOOD SAFE

6.1.1 Cleaning Schedule

- Regular cleaning is recommended for the unit. This will help to maintain and prolong the efficiency and life of the unit

6.1.2 Materials Required

- Stainless Cleaner
- Non Abrasive Cleaning pad
- Clean Sanitised Cloth
- Paper Towel
- Warm Soapy Water
- Appropriate PPE (Personal Protective Equipment)

6.1.3 General Information

- Cleaning is recommended for health and safety purposes and to prolong the life of the unit
- DO NOT** use abrasive pads or cleaners on the stainless steel or any other metal parts of the unit
- DO NOT** use industrial chemical cleaners, flammable cleaners, caustic based cleaners or bleaches and bleaching agents, as many will damage the metals and plastics used on this unit
- DO NOT** remove any screws and/or panels for cleaning (unless directed)
- This unit is **NOT** waterproof, **DO NOT** hose, **DO NOT** pour water directly onto the unit, **DO NOT** immerse in water

6.1.4 Corrosion Protection

- Stainless steel exhibits good resistance to corrosion however, if not properly maintained stainless steel can rust and/or corrode
- Any sign of mild rust and/or corrosion should be thoroughly cleaned with warm soapy water and dried as soon as possible
- NEVER use abrasive pads or cleaners for cleaning
- All metal surfaces should be checked while cleaning for damage, scuffs or scrapes as these can lead to rust and further damage to the product
- Mild rust and/or corrosion can be treated with a commercial cleaning agent that contains citric/oxalic/nitric/phosphoric acid. **DO NOT** use cleaning agents with chlorines or other harsh chemicals as this can cause corrosion. After treatment, wash with warm (not hot) soapy water and dry thoroughly
- Thoroughly wipe the surfaces dry after cleaning. **DO NOT** let water pool on the unit. Check crevices and folds for pooling
- When using, ensure all liquids and moisture is cleaned up straight away. Food liquids such as juices from vegetables and fruits should not be left on any surfaces
- DO NOT** leave items on the stainless steel such as cutting boards, rubber mats and bottles

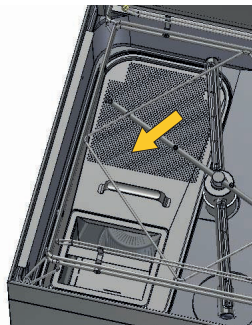
6.1.5 Surface Finish

- To protect the polished surface of the stainless steel, it should be dried using a clean dry soft cloth. A light oil can be applied to enhance the stainless steel surface, using a clean cloth apply the oil in the same direction as grained polished finish
- Some commercial stainless steel cleaners can leave residue or film on the metal; this may trap fine particles of food on the surface, thus deeming the surfaces not food safe

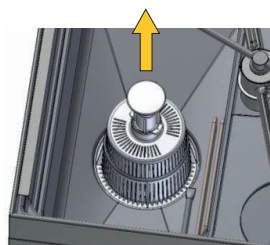
6.1.6 Run Cleaning Cycle / Power Off

At the end of the service period run the “Drain and Self Clean” cycle, this is done with the unit turned on.

1. Remove the basket and any loose items
2. Remove the upper tank filter from the base of the unit
3. Remove the overflow plug



Remove upper tank filter

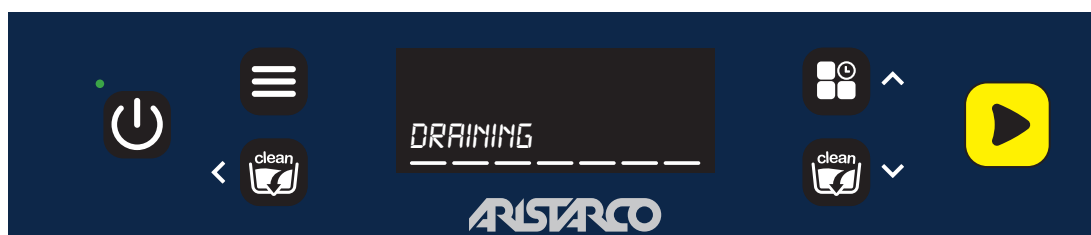


Remove overflow plug

4. Close the dishwasher door
5. Press and hold the **ON/OFF** button  or the **CLEAN** button  until the “DRAIN” for ESI models and “SELF-CLEANING” for EPI models is displayed.



ESI Dishwasher

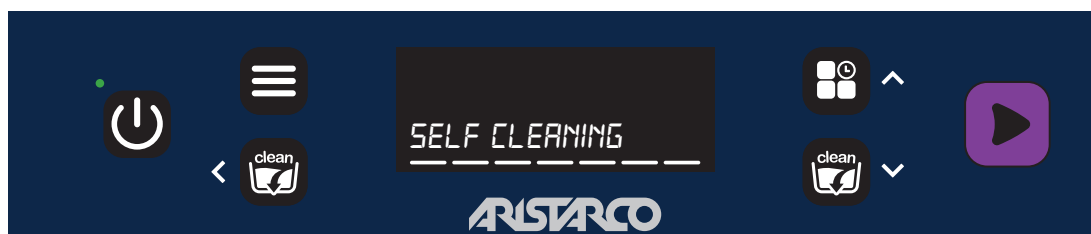


EPI Dishwasher

6. When the tank has drained the display will show “CLEAN” for ESI models and “SELF-CLEANING” for EPI models.



ESI Dishwasher



EPI Dishwasher

7. After the cleaning cycle has finished the unit will drain then go into “OFF” mode.

Note: If the door is left open after pressing the “drain pump button” (3), the unit will only drain the tank, then standby for five minutes, after which it will go to OFF mode without cleaning.

6.1.7 External Surfaces

1. Using a clean cloth dampened (not wet) with clean warm soapy water until any grime has been removed
2. Using a clean sanitised cloth, thoroughly wipe the stainless steel and metal parts dry. Do NOT let water pool on the unit. Check crevices and folds

6.1.8 Cleaning the Air Trap

The air trap is located at the back left of the wash tank below the upper tank filter

1. Remove the upper tank filter
2. Using a cloth wipe below the air trap, be careful not to rotate/move the air trap
3. Re-install the upper tank filter

6.1.9 Cleaning the Wash/Spray Arms

Periodic cleaning of the wash/spray arms may be required if blockage occurs.
If the spray nozzles are blocked descale the machine (refer to 6.6 descaling)

1. Remove the wash/spray arms securing screws
2. Remove the wash/spray arms
3. Remove the end caps and clear any blockage from the wash arm then re-install the end caps
4. After cleaning, re-install the wash/spray arm and secure with the previously removed screws

6.1.10 Descaling

Periodic descaling may be required to remove limescale build up. Use a quality descaling solution from a reputable company.

1. Personal protection measures (PPE) must be taken when handling this product
2. Refer to SDS or MSDS of product, or request these documents before commencing any de-scaling
3. Ensure the overflow pipe to the machine is inserted, and stainless-steel filters are in correct placement as if in standard operation
4. Descale machine when machine is full of water as if in standard operation
5. Please refer to product being used for correct dosage rates, but for a general guide the following can be used
6. Add 250mls per 5 litres of capacity water of the machine into the washtank.

Note: In case of very heavy lime build up, firstly spray on undiluted solution with a sprayer onto affected areas.

****Guide only, refer to Descaler for specific quantities****

- Hood Type dishwashers: 1000ml of solution

7. Select and run the 'Intensive Cycle' - 9 minutes
8. Press and hold the "drain pump button" (3) for 3 seconds. The display will show **"REMOVE OVERFLOW PIPE!"** and **"TANK DRAINING"** (button 7 will turn purple).
9. Turn the machine on to refill, select and run the 'Dishes Cycle' - 2 minute
10. Machine has now been descaled and is ready for operation



Dishwasher
Liquid Descaler



6.2 Troubleshooting

- If any faults/issues occur with the unit, follow the below troubleshooting procedures
- If the troubleshooting procedures do not correct the problem, contact the Stoddart Service Department

	WARNING
	Technician tasks are only to be completed by qualified service people. Check faults before calling service technician.

Problem	Type of problem	Possible cause	Corrective action
The dishwasher doesn't turn on	Impeding performance	The dishwasher is not connected to the power supply.	Verify that the dishwasher plug is inserted. Verify that the protection circuit breaker of the power line is enabled.
The wash cycle doesn't start	Impeding performance	The dishwasher door is open.	Close the door.
		The water in the tank is cold (in models with Thermostop enabled).	Wait for the water to be heated.
		Control panel not working.	Switch off the appliance then switch back on again
The washing result is not satisfactory	Loss of performance	No pre-soak of the kitchenware	Remove stubborn grime from the items to be washed before placing in the dishwasher
		The washing arms don't rotate or have obstructed nozzles.	Clean the wash arms thoroughly.
		The dishes/glasses are not well positioned in the racks.	Check that the items are properly placed in the racks.
		The detergent and rinse aid containers are empty, or the detergent and rinse aid pipes are not correctly inserted.	Check the quantity of chemicals available in the containers and that the suction pipes have been properly installed. Check the filters of both pipes are clean.
		The dosage of the chemicals is not well adjusted.	Contact technical assistance.
		The filters of the dishwasher are dirty.	Clean the filters.
Glasses and plates are not drying. Condensation on glasses.	Loss of performance	The rinse aid container is empty.	Replace the rinse aid container with a new one.
		The rinse aid dispenser is not functioning or is not well adjusted	Contact the Stoddart Service Department
		The rinse water is cold.	Wait until the end of the heating phase before starting a wash cycle
		Presence of foam in the tank.	"In the event of pre-soaking make sure the plates are thoroughly rinsed before placing in the dishwasher Only use non-foaming products."
Stains on glasses.	Loss of performance	Presence of foam in the tank.	"In the event of pre-soaking make sure the plates are thoroughly rinsed before placing in the dishwasher Only use non-foaming products."
		The rinse aid dispenser is not functioning or is not well adjusted.	Contact the Stoddart Service Department
		Water hardness is extreme. Lime-scale deposits on the glasses.	Contact the Stoddart Service Department
		"The water softener may not be functioning well. Salt deposits on the glasses."	Contact the Stoddart Service Department
Excessive foam in the tank	Loss of performance	Residual detergent in the tank from pre-soaking.	In the event of pre-soaking make sure the plates are thoroughly rinsed before placing in the dishwasher.
		Foaming detergent present in the tank.	Empty and refill the dishwasher again. Only use non-foaming products.
		Temperature of the tank water is too low.	Wait until the end of the heating phase before starting a wash cycle.
The washing pump doesn't engage	Impeding performance	The washing pump is blocked.	Contact the Stoddart Service Department
The draining pump doesn't engage	Impeding performance	The washing pump is blocked.	Contact the Stoddart Service Department
The dishwasher doesn't fill with water	Impeding performance	The water faucet is closed.	Open the faucet.
		Load pipe has a kink or is crushed.	Address the pipe.
		Purifier or reverse osmosis system installed at the source is not functioning.	Contact the Stoddart Service Department
The dishwasher doesn't drain the water	Impeding performance	Overflow pipe inserted.	Remove the overflow pipe.
		Pump filter is dirty.	Clean the filter.
		Drain hose has a kink, is crushed, or is not installed correctly	Address the drain hose.
		Drain pump (if present) is not working.	Contact the Stoddart Service Department

6.3 Warnings

Warning messages may appear on the display if conditions occur which could compromise the quality of washing. None of the warnings will interrupt the normal functioning of the dishwasher, nevertheless, it is recommended to resolve the matter as soon as possible to ensure that an efficient machine performance is maintained. The warnings are reported by means of the **START** button  flashing yellow.

Warning	Cause	Solution	Visualize
Service	The threshold of 40.000 wash cycles has been reached so the scheduled maintenance is requested.	Carry out the scheduled maintenance and reset the partial cycle-counter.	SERVICE REQUIRED The indicator light will be on
Empty Rinse Aid Container	This warning will be indicated only if the optional container level sensor was requested. Indicates the lack of rinse aid in the container	Replace the rinse aid container.	R: EMPTY
Empty Detergent Container	This warning will be indicated only if the optional container level sensor was requested. Indicates the lack of detergent in the container	Replace the detergent container.	D: EMPTY

6.4 Alarms

6.4.1 Display Alarms

An alarm signal can be the result of a malfunction of a component of the dishwasher, or it can be caused by an incorrect action performed by the user. Some alarms block the machine until the problem is rectified while others can be bypassed by enabling the machine to operate in a limited function mode.

Alarm signals are indicated on the display with the letters “AL” followed by an error code; if the alarm is blocking the machine the **START** button  will be fixed red while if the alarm can be bypassed the **START** button  will be flashing red. In order to bypass the alarm press and hold the **START** button  for 5 seconds. The display will read “ALARM BYPASS”. From this moment on the dishwasher will operate in a limited function mode until the problem is rectified. A bypassed alarm status causes the lighting up of the  led. To cancel the bypass, switch the dishwasher off and switch it back on again.

6.4.2 Alarm Signals

Alarm	Description	User checks
Alarms - ESI / EPI		
AL01 (block)	Tank not filling. During the filling process the dishwasher hasn't reached the level in the expected time frame.	Water faucet closed. Overflow pipe not inserted or badly positioned. Loading pipe crushed. Rinse nozzles clogged.
AL02 (bypassable)	Boiler not heating. During the heating process the temperature of the boiler hasn't risen in the expected time frame.	Contact the Stoddart Service Department. It's possible to bypass the alarm excluding the heating of the boiler. The dishwasher will rinse with cold water.
AL03 (by-passable)	Tank not heating. During the heating process the temperature of the tank hasn't risen in the expected time frame.	Contact the Stoddart Service Department. It's possible to bypass the alarm excluding the heating of the tank. The dishwasher will wash with cold water. Pay attention to possible foaming.
AL04 (block)	Tank not emptying. At the end of the draining cycle the tank has not completely emptied.	Overflow pipe inserted (if applicable). Blocked filter. Drain hose clogged or badly positioned or crushed.
AL05 (block)	Boiler not filling.	Water supply faucet closed. Loading pipe crushed.
AL06 (by-passable)	Temperature probe of the boiler out of range.	Contact the Stoddart Service Department. It's possible to bypass the alarm excluding the heating of the boiler. The dishwasher will rinse with cold water.
AL07 (by-passable)	Temperature probe of the tank out of range.	Contact the Stoddart Service Department. It's possible to bypass the alarm excluding the heating of the tank. The dishwasher will wash with cold water. Pay attention to possible foaming.
AL08 (by-passable)	Thermostop time out. During the Thermostop phase the boiler is not able to heat the water within 8 minutes.	Contact the Stoddart Service Department. It's possible to bypass the alarm excluding the heating of the boiler. The dishwasher will rinse with cold water.
AL 09 (by-passable)	Safety thermostat of the boiler has activated due to overheating.	Contact the Stoddart Service Department. It's possible to bypass the alarm excluding the heating of the boiler. The dishwasher will rinse with cold water.
AL 10 (by-passable)	Safety thermostat of the tank has activated due to overheating.	Contact the Stoddart Service Department. It's possible to bypass the alarm excluding the heating of the tank. The dishwasher will wash with cold water. Pay attention to possible foaming.
Alarms - EPI		
AL 14 (by-passable)	SMART DRAIN system disabled due to excess water in tank	Empty the dishwasher and clean the filters. Try filling again. If the problem persists, contact technical assistance.

6.5 Maintenance And Disposal

6.5.1 Maintenance Schedule

To ensure constant appliance efficiency, it is advisable to carry out the checks respecting the frequency indicated in the following table:

Maintenance, Inspection and Cleaning	Frequency	Responsible
Standard cleaning of the appliance	Daily	User
Removing limescale from the wash nozzles/ rinsing with vinegar	Monthly	User
Check presence and correct functioning of safety devices	Annually	Service
Removing limescale from the boiler and from internal surfaces of the tank	Annually	Service
Check correct functioning of the detergent and rinse aid dispensers, replace the suction pipes of the peristaltic pumps	Annually	Service
Check the correct tightness of the fastening screws and of the electrical contactor screws	Annually	Service
Check the electrical components are working well and check the condition of the electrical wires and power cable	Annually	Service

6.5.2 When not in Operation

If the appliance is not going to be used for a long period of time, take the following precautions:

- Close the water supply tap(s), if present;
- Disconnect the power supply or remove the plug from the power socket, if present;
- Completely drain the tank(s);
- Remove and carefully clean the filters;
- Contact an authorized technician to empty the boiler;
- Completely drain the incorporated dispenser pipes;
- Remove them from the chemical containers;
- Carefully clean the internal parts of the appliance;
- Clean the washing chamber by going over all the stainless steel surfaces with a cloth moistened with paraffin oil to create a protective film;
- Leave the door open so that air can circulate inside, preventing the formation of unpleasant odours

6.5.3 Disposal

If the appliance is no longer of use, please dispose in an environmentally correct way.

The distributor / retailer can contact their local metal recycling centre to collect the remaining cabinet, shelves, etc.

There may be special requirements or conditions. Information on the disposal of refrigeration appliances can be obtained from:

- Your supplier
- Government authorities (The local council, Ministry of the Environment, etc.)



Discarded electric appliances are recyclable and should not be discarded in the domestic waste! Please actively support us in conserving resources and protecting the environment by returning this appliance to the collection centres (if available).



P A P

Dispose of packaging in accordance to applicable legal regulations.



Australia

Australian Business Number: 16009690251

Service / Spare Parts

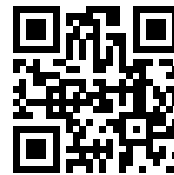
<https://customerservice.stoddart.com.au>

Sales

Tel: 1300 79 1954

Email: sales@stoddart.com.au

Web: www.stoddart.com.au



Customer
Service Portal

New Zealand

New Zealand Business Number: 6837694

Service / Spare Parts

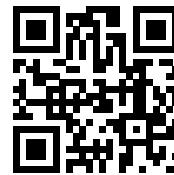
<https://customerservice.stoddart.com.au>

Sales

Tel: 0800 79 1954

Email: sales@stoddart.co.nz

Web: www.stoddart.co.nz



Customer
Service Portal



WMTS-101
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