



Catalogue
FOOD SERVICE
Chapter
DISHWASHING

Specific model
WUA-503 D 230V1N50Hz

19106122

01/04/2025

DENOMINATION:

Front loading dishwasher advance range for 500x500 basket with rinse pump, drain pump, detergent dispenser and double skin.

DESCRIPTION :

INTERFACE

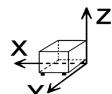
- 2.8" backlit colour (TFT) liquid crystal display.
- Colour-coded status indicators.
- Display of operating parameters, such as tank and boiler temperature or cycle time.
- Indicators of tank and boiler heater operation.
- Self-diagnosis and error signalling.
- Timer function to be able to schedule the machine to switch on or off at a specific time.
- Power-saving mode (stand-by): Reduction of power consumption when the machine is not in operation.
- User-selectable programmes according to equipment use (glass, crockery and bar) and machine-specific programmes.
- Technical menu (via password):
- View of all the inputs of the electronics and act on the outputs to facilitate the quick detection of problems.
- Modification of operating parameters, such as heating temperatures, washing and rinsing times, etc.
- Capacitive touch display. Illuminated push buttons and the multi coloured START button that changes colour depending on the machine status.

PROGRAMMES:

- Programmes for crockery- as standard:
- Light: 90s (2,3 l/cycle, Wash T^a: 60°C, Rinse T^a: 85°C)
- Standard: 120s (2,6 l/cycle, Wash T^a: 60°C, Rinse T^a: 85°C)
- Intensive: 180s (3 l/cycle, Wash T^a: 60°C, Rinse T^a: 85°C)
- Cutlery: 300s (3 l/cycle, Wash T^a: 65°C, Rinse T^a: 85°C)
- Additional programmes:
- Programmes for glass
- Programmes for bar

CONSTRUCTION DETAILS

DIMENSIONS



X Width	600 mm	X Gross width	660 mm
Y Depth	635 mm	Y Gross depth	745 mm
Z Height	847 mm	Z Gross height	1030 mm
Net Weight	61,0 kg	Gross Weight	79,0 kg
Net volume	0,323 m ³	Gross volume	0,506 m ³

ELECTRICITY TECHNICAL SPECIFICATIONS

Electric power	3,550 kW
Voltage	220-240V
Phases	1N
Electric frequency	50Hz
Amperage (A)	15,42
Engine power	0,68 kW
Heating power	2,87 kW

MULTIPOWER

CONNECTION	RATED POWER (kW)	RATED CURRENT (A)	BOILER (kW)	TANK (kW)	
230V, 1N~	3,55 kW	15,42 A	1,87 kW	1 kW	SIM
230V, 1N~	4,48 kW	19,48 A	2,8 kW	1 kW	SIM
230V, 1N~	5,41 kW	23,54 A	3,73 kW	1 kW	SIM
400V, 3N~	7,28 kW	15,42 A	5,6 kW	1 kW	SIM
230V, 3~	7,28 kW	21,36 A	5,6 kW	1 kW	SIM



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- Tank, internal door and basket guides are stamped and all edges, including the vertical ones, are rounded to facilitate the draining of impurities. There are no points where dirt accumulates.
- The machine is built with integral double-skin.
- Hygienic tank heater.
- Upper and lower wash and rinse arms.
- Door:
 - Counterbalanced, shock-absorbing door for smooth opening and closing that helps to:
 - * Avoid damage to the most delicate crockery.
 - * Improve ergonomics and therefore productivity. The stamped rails on the inside of the door help to insert/remove the racks.
 - * Protect the user from steam burns thanks to the partial opening of the door.
 - Soundproofed and heat-resistant double-skin door.
 - Magnetic micro switch to stop the cycle in case of accidental opening of the door.
- Triple in stages filtering system:
 - Polypropylene waste collection basket filter and stainless steel mesh microfilter which is in an easily accessible position so that the operator can remove and empty it in a few seconds.
 - Polypropylene pump suction filter that blocks the lightest dirt, protecting the washing pump.
 - Stainless steel tank surface filter, retains coarse dirt. The filter can be easily removed without disassembling the wash and rinse arms.
- Insulation in boiler.
- Dual-flow wash pumps: one input and two outputs, one for each arm, without the need to split the flow to avoid power loss and reduce noise.
- Soft-start: The cycle starts slowly and gradually increases to maximum speed to prevent light items such as glassware and crockery from falling out.
- Wash/rinse arms. Duo-KLIP:
 - A combined wash and rinse arm at the same level, made of composite material, preventing the two arms from getting in each other's way.
 - Low friction and very light arm that allows all the power supplied by the pump to be used for washing dishes and not for rotating the arm.
 - Washing and rinsing orifices designed with specific geometry to reach the most inaccessible places. They spray water precisely, achieving 10% lower water consumption, reducing electricity and chemical consumption and therefore helping to minimize operating costs.
 - The clip-on snap-on coupling makes it easy to assemble and disassemble for cleaning.
- Rinse pump:
 - Rinse even at low mains pressure (1 bar). Water is drawn from the boiler through a booster pump and sent to the rinse nozzles of the machine ensuring optimum and constant pressure. This system, being independent of mains pressure, thanks to the presence of the "Air Break", leads to lower water consumption and therefore lower energy consumption.
 - The temperature of the water in the boiler is constant throughout the rinse, as this water has not been mixed with cold mains water during the refilling phase.
 - The "Air Break" system prevents backflow into the water supply system of non-potable water contaminated with rinse products, detergents and food waste. Type A nonreturn device in compliance with EN 1717.
 - Accurate rinse aid dosing with a constant water flow.
- Thermostop: Starts the rinse when the rinse temperature required for a hygienic wash result and correct drying of the dishes has been reached. The rinse cycle will be extended to a maximum time of ten minutes if the rinse temperature setpoint is not reached.

WATER TECHNICAL SPECIFICATIONS

Pressure	H2O: 100-400kPa (1-4bar)
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Maximum Temperature	Water Inlet Max Temp:60°C
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CONNECTIONS TECHNICAL SPECIFICATIONS

Single-phase 230V wiring	3G 1,5MM2 - 16A
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Cold softened water 1 diameter	3/4"
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Drain 1 diameter	17MM
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OTHERS

IPX	IPx4
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TECHNICAL FEATURES

Height glasses	360
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Diameter plates	395
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Tray size	GN 1/1
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Max.theor.product.(baskets/h)	40
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Tank capacity	14 L
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Tank heater power	1,00 kW
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Washing pump power	0,68 kW
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Drain pump power	0,04 kW
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Boiler capacity	7 L
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Rinsing pump power	0,130 kW
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Boiler heater power	5,60 kW
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Type of heating (Alt./Sim.)	Simultaneous
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- Thermostatic filling: Speeds up the machine set-up time as the tank is filled with water previously heated in the boiler, which is more powerful. Only available for models with rinse pump.
- Peristaltic rinse aid dosing as standard.
- Peristaltic detergent dispenser included (D).
- Drain pump included.
- Volumetric rinse: the dirty wash water is partially drained before rinsing, which makes it possible:
 - Avoid useless waste of detergent by slower soiling of the water.
 - Reducing energy costs during the heating phase of the wash water by continuously regenerating the wash water with warmer rinse water.
- Machine self-cleaning programmes:
- Self-cleaning: Self-cleaning and automatic emptying reduces operator work and ensures machine maintenance.
- Emptying: Automatic emptying.
- Auto-filling: Self-cleaning programme with automatic emptying and filling.

POSSIBLE OPTIONS :

- Connectivity
- Glass rod basket
- Stainless steel wash and rinse arms
- Sensorisation

STANDARD OPTIONS :

- Drain pump
- Detergent dispenser
- Stainless steel surface filter

POSSIBLE ACCESSORIES :

- BASKETS FOR DISHWASHERS
- BASKETS FOR GLASSES
- WATER SOFTENERS
- REVERSE OSMOSIS
- ACCESSORIES DISHWASHING
- STANDS
- VARIOUS KITS

SUPPLIED ACCESSORIES:

- 19000484 Glass basket, 500x500x110 mm. 1
- 19000487 Basket for 16-18 plates, 500x500x110 mm. 1
- 19000792 Cutlery basket for 15 pieces of cutlery, 105x105x130 mm. 1

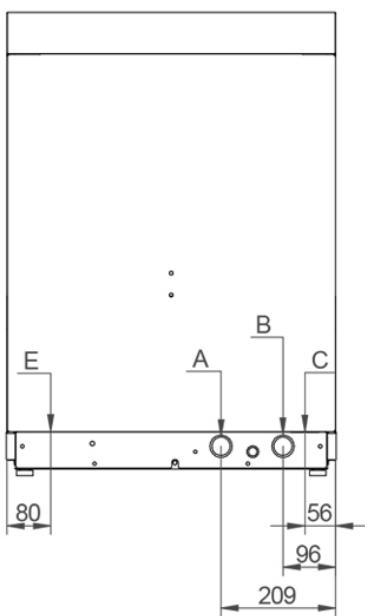
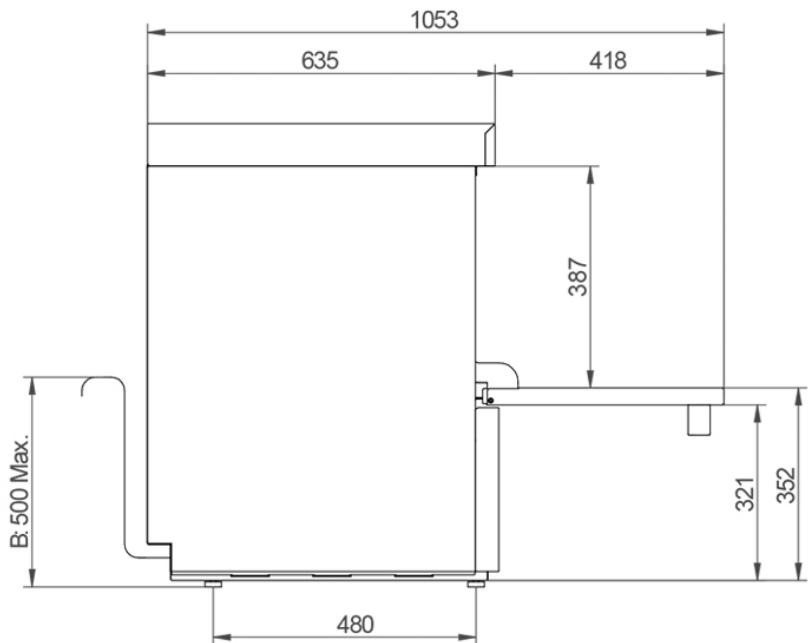
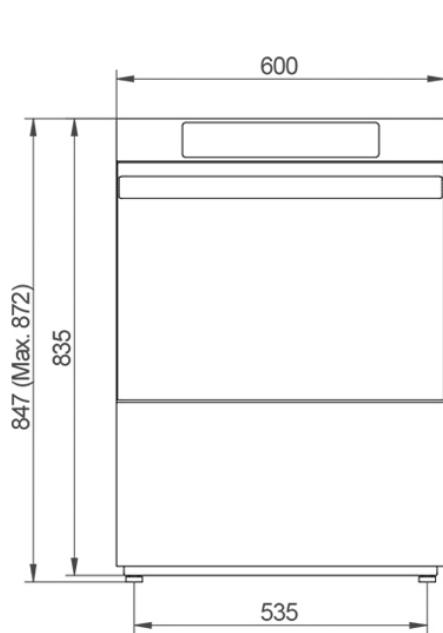


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A:ENTRADA DE AGUA G3/4"
B:DESAGÜE CON BOMBA Ø17 L=1875mm
C:ALIMENTACIÓN ELÉCTRICA
D:ETHERNET

A:WATER INLET G3/4"
B:DRAINAGE PUMP Ø17 L=1875mm
C:ELECTRICAL CONNECTION
D:ETHERNET

A: ARRIVÉE D'EAU G3/4"
B: POMPE À VIDANGE Ø17 L= 1875mm
C:CONNEXION ÉLECTRIQUE
D: ETHERNET