

The Advantage Range

PREMIUM DISHWASHING

NELSON

THE ULTIMATE ADVANTAGE



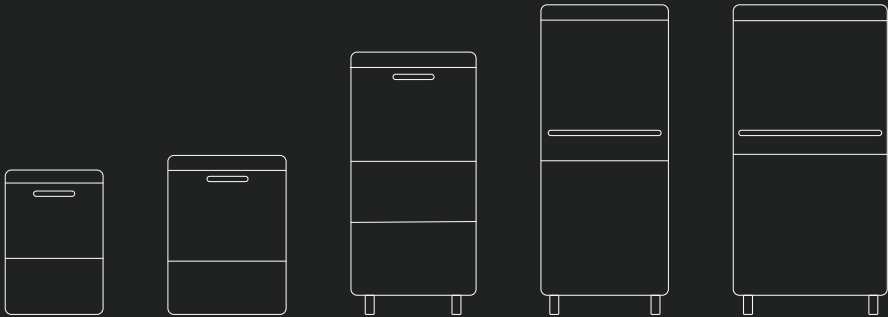
EasyTouch Controls | Energy Saving Features



NELSON WAREWASHING MANUFACTURE
SALES AND SERVICE **SINCE 1978**

The Advantage Range

PREMIUM DISHWASHERS



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ADVANTAGE TO YOU

With over forty years' experience at the forefront of the ever-evolving warewashing market, we created our premium Advantage range to harness the features and performance that today's customers demand.

Advantage encompasses the highest build quality, faultless performance and ongoing reliability and combines these with some of the best energy and water saving features available today.

Advantage is sustainable too, using less energy, less water and less detergent while its innovative design

delivers outstanding results whilst also cutting running costs and protecting the environment.

There's no compromise on build quality either. These machines are designed to withstand the toughest conditions and their heavy-duty, high-grade stainless-steel construction will tolerate the busiest, most unforgiving environments.

Advantage's reliability, too, is assured because every single component used within the machines has undergone rigorous testing to guarantee its ongoing functionality and durability.

The Advantage range comprises five principal machines, all of which have additional options available. There are two undercounter models, one ergonomically designed floor standing model and two pass throughs, one of which offers a significant 30% extra capacity!

We pride ourselves on ensuring every customer has the best possible machine for their needs and, with tens of thousands of commercial dishwashers and glasswashers installed across every sector of the catering and hospitality industry, we believe our reputation speaks for itself.



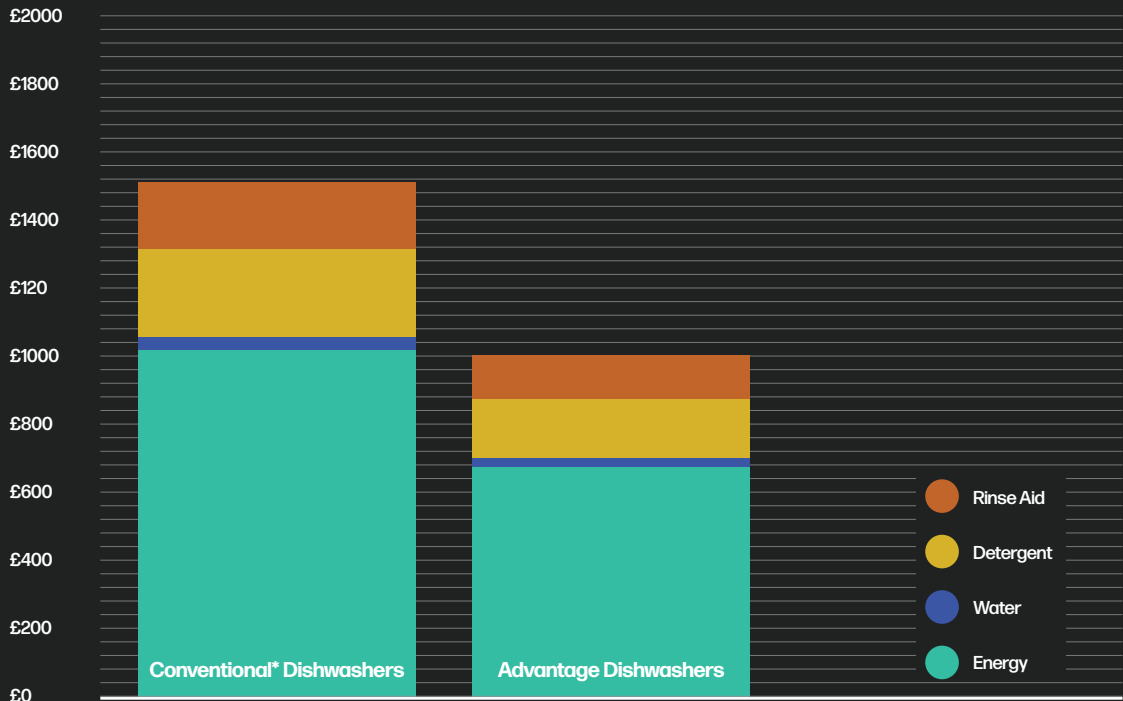
The Energy Saving Advantage

DESIGNED WITH SUSTAINABILITY IN MIND

The Advantage range has been designed to function at maximum efficiency with minimal water and power to ensure it has as low an impact on the environment as possible. We've achieved this by focusing on several key areas.

Double skinned insulation throughout prevents internal heat from escaping whilst shallow wash tanks draw the least amount of water needed to ensure outstanding results. Steam heat recovery, available on some models, can account for further, significant electricity savings of up to 30%.

Even rinse water is cleverly re-utilised by forming part of the subsequent wash cycle meaning that, with Advantage, nothing is wasted.



*annual running costs: electromechanical, single skinned machine with gravity drain.

The Complete Advantage

MEET OUR PREMIUM RANGE IN FULL

AD-40-D Undercounter Model 400 x 400mm Basket	AD-50-D Undercounter Model 500 x 500mm Basket	AD-51-D Upright Model 500 x 500mm Basket	AD-55-D Pass Through Model 500 x 500mm Basket	AD-60-D Pass Through Model 600 x 500mm Basket
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40 covers per hour 6 programmes width 460mm depth 600mm height 710mm	90 covers per hour 6 programmes width 600mm depth 600mm height 820mm ^S	95 covers per hour 6 programmes width 600mm depth 600mm height 1310mm	100 covers per hour 6 programmes width 620mm depth 735mm height 2100mm *	120 covers per hour 6 programmes width 715mm depth 760mm height 2060mm *
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*height shown is maximum when hood is fully raised. \$also available in compact 710mm (H) version.

BUILT WITH EVERY DETAIL IN MIND

As well as being able to accommodate any type of crockery, Advantage is designed to be comfortable to access, straightforward to use and adaptable to site.

There are six regular wash cycles to choose from as well as a 'soft-start' option, available with all cycles, which means that even delicate items can go into the machine without any danger of chipping, cracking or even breaking.

Door heights have been calculated to allow users to load the machines without undue bending or crouching. And, because the doors are counter-balanced, they're effortless to open and close. Even the handles have been designed to be easy to grip with wet hands.

Advantage is one of the quietest dishwashers available (its decibel rating equates to gentle rainfall), so it's perfect for front of house siting.

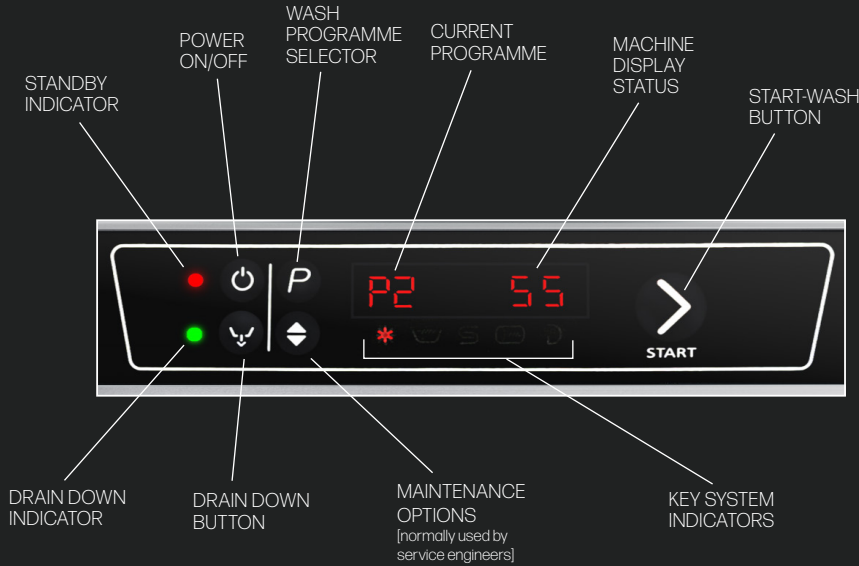


The Intuitive Advantage

SIMPLIFIED OPERATOR CONTROL

A CLEVER TOUCH: EASY TO USE TOUCH PANEL

58dB
(max) Quiet
Operation



The multifunctional display is intuitive and straightforward, providing the user with clear, visual information at every stage of the chosen programme.

To simplify functionality even further, there's also an option to select a favourite from the six available wash cycle options as your preferred default setting.

And, because Advantage's controls are depicted largely through colours, symbols and sounds, the process will be crystal clear and language barriers will never be an issue.

Features & Benefits

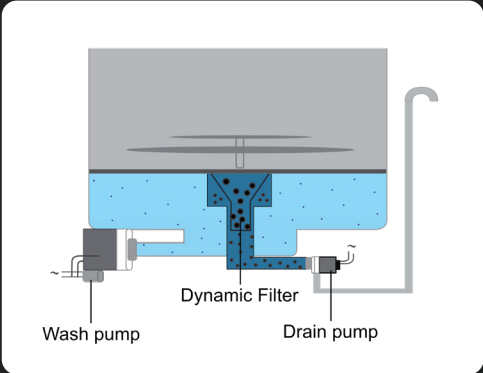
THE FULL ADVANTAGE AT A GLANCE

 Up to 125 covers washed per hour	 400mm to 600mm basket sizes	 6 wash programmes (1 to 10 minutes)	 Models to fit all requirements
 Generous load-height	 Strong & durable build quality	 Environmentally friendly design	 Low noise output at 58dB A
 Fully insulated walls and doors	 Reduced water consumption	 Low water & energy usage	 'Easy-Touch' digital controls
 Soft start function	 Automatic self-cleaning cycle	 Full wash and rinse coverage	 Multi-tier dynamic filtration system
 Water softener option available	 Self diagnostic with fault alerts	 Standby function	 Manufacturer's warranty cover

The Core Advantage

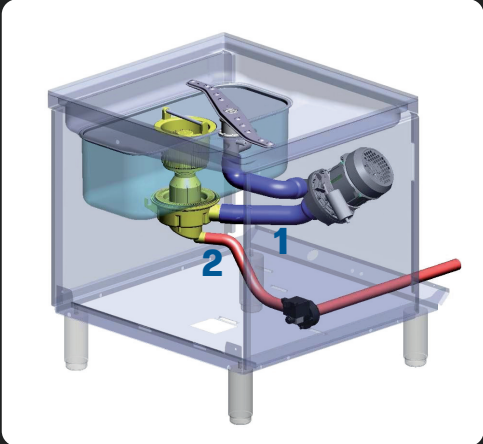
BUILT FOR PREMIUM PERFORMANCE

Dynamic Filtration System



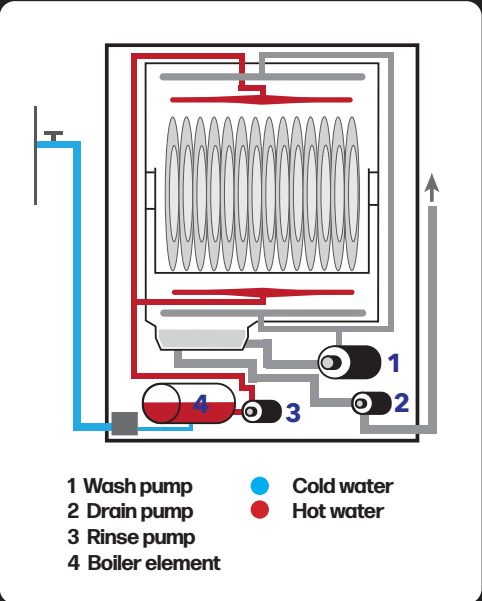
At the end of each wash cycle, the multi-level, filter effectively separates even the smallest particles of debris from the wash water. This, together with most of the 'used' water, is expelled prior to the rinse cycle.

Intelligent Water Utilisation



Above: 1 shows cleaned, filtered water to the wash pump and 2 shows dirty water and debris en route to the drain pump. The expelled water is replaced by an equivalent amount of clean, hot water for the rinse cycle.

Guaranteed Wash Tank Pressure and Temperature



A feature common to most models is that the hot rinse water is temperature controlled meaning that it remains consistent throughout the duration of the rinse cycle, ensuring maximum hygiene. Also, the rinse booster pump compensates for water pressure irregularities so there is never a fluctuation in the efficiency of the machine.



Excellent Wash Results



Every component used within our Advantage machines has been carefully selected for its superior quality and durability while fabrication throughout utilises the highest grade, AISI 304 stainless steel.

Moulded Wash Chamber



The smooth, rounded corners of the wash chamber and the gentle gradient of the chamber floor, pressed from a single piece of metal, act to draw impurities and soiled water towards the filters and drain pump.

Soft Start Function



This clever function programmes water pressure to build gradually before reaching full momentum thereby enabling delicate glasses to be washed without any risk of damage.

Total Wash Chamber Coverage



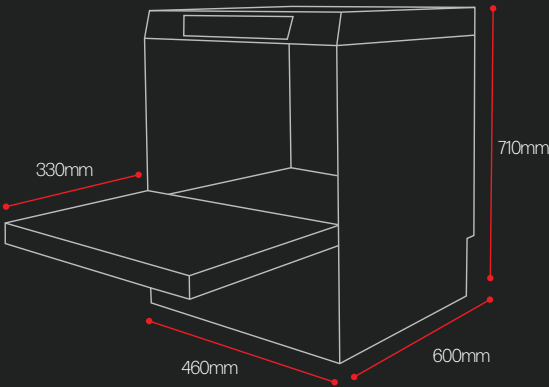
Upper and lower level wash and rinse arms direct multiple, powerful water jets with equal force throughout the wash chamber meaning that every dish placed inside will be washed and rinsed to perfection.

Nelson Advantage AD-40

UNDERCOUNTER DISHWASHER

Model:	AD-40-U-D	Basket Size:	400 x 400mm
No. of covers washed per hour:	40	No. of wash programmes:	6

- Intuitive 'EasyTouch' digital controls
- 1-10 minute variable wash cycles
- Superior durable build quality
- Stainless steel wash and rinse arms
- Low energy and water consumption
- Multi-level dynamic filtration system
- Eco-friendly and energy efficient design
- Self-cleaning & self-diagnostic system
- Quiet operation at maximum 58dB
- Built-in water softener options



ECO-FRIENDLY
DISHWASHING

NELSON

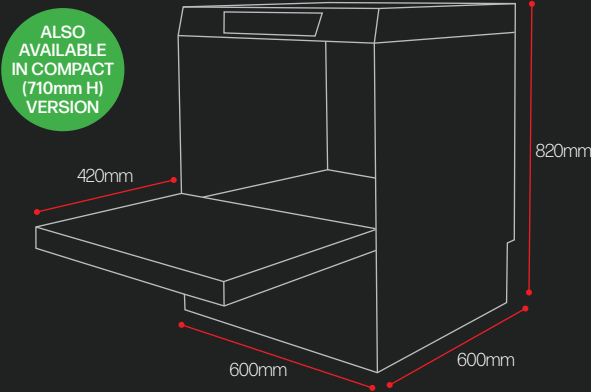
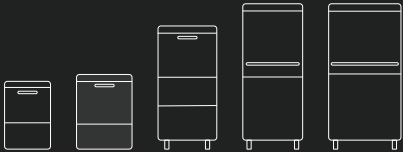


Nelson Advantage AD-50

UNDERCOUNTER DISHWASHER

Model:	AD-50-U-D	Basket Size:	500 x 500mm
No. of covers washed per hour:	90	No. of wash programmes :	6

- Intuitive 'EasyTouch' digital controls
- 1-10 minute variable wash cycles
- Superior durable build quality
- Stainless steel wash and rinse arms
- Low energy and water consumption
- Multi-level dynamic filtration system
- Eco-friendly and energy efficient design
- Self-cleaning & self-diagnostic system
- Quiet operation at maximum 58dB
- Built-in water softener options



Nelson Advantage AD-51

FLOORSTANDING DISHWASHER



Model:	AD-51-F-D	Basket Size:	500 x 500mm
No. of covers washed per hour:	95	No. of wash programmes :	6

- Intuitive 'EasyTouch' digital controls
 - 1-10 minute variable wash cycles
 - Superior durable build quality
 - Stainless steel wash and rinse arms
 - Low energy and water consumption
- Multi-level dynamic filtration system
 - Eco-friendly and energy efficient design
 - Self-cleaning & self-diagnostic system
 - Quiet operation at maximum 58dB
 - Built-in water softener options

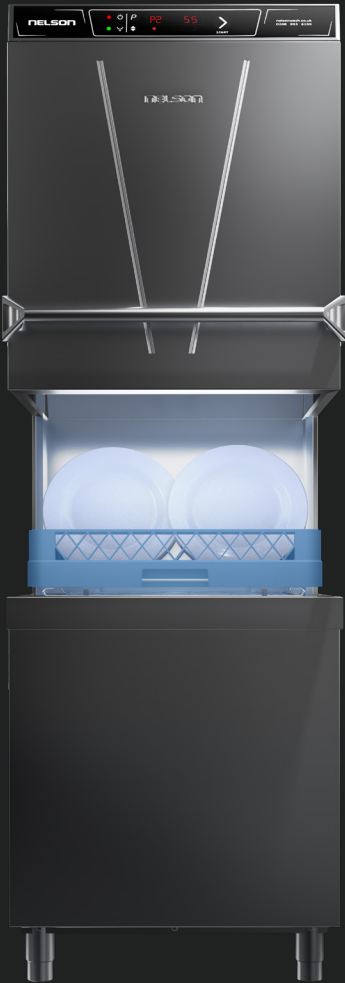


Nelson Advantage AD-55 and AD-60

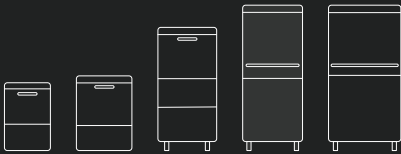
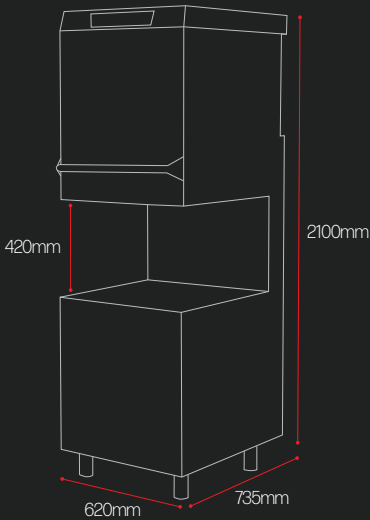
PASS-THROUGH DISHWASHERS



Model:	AD-55-H-D	Basket Size:	500 x 500mm
No. of covers washed per hour:	100	No. of wash programmes:	6



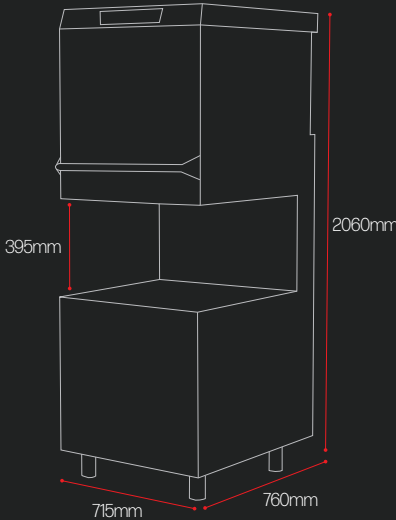
Our Advantage pass throughs can be effectively utilised within a bespoke dishwasher system. By siting the machine within either a straight-through or corner system, and then considering storage, tabling, racking, shelving, waste disposal and pre-wash rinsing we can create a configuration that maximises space and improves the functionality of any operation.



Model:	AD-60-H-D	Basket Size:	600 x 500mm
No. of covers washed per hour:	125	No. of wash programmes:	6

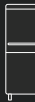
(The features below apply to both the AD-55-H-D and the AD-60-H-D)

- Intuitive 'EasyTouch' digital controls
- 1-10 minute variable wash cycles
- Superior durable build quality
- Stainless steel wash and rinse arms
- Low energy and water consumption
- Multi-level dynamic filtration system
- Eco-friendly and energy efficient design
- Self-cleaning & self-diagnostic system
- Quiet operation at maximum 58dB
- Built-in water softener options





Technical Specifications

Model No. Cabinet Type		 AD-40-U-D Undercounter	 AD-50-U-D Undercounter	 AD-51-F-G Floorstanding	 AD-55-H-G Pass Through	 AD-60-H-D Pass Through
PERFORMANCE	Basket dimension (mm)	400 x 400	500 x 500	500 x 500	500 x 500	600 x 500
	No. of baskets supplied	2	2	2	2	2
	No. of wash cycle programmes	6	6	6	6	6
	Wash cycle options (min-max)	1 to 10 mins	1 to 10 mins	1 to 10 mins	1 to 10 mins	1 to 10 mins
	Maximum baskets per hour	60	60	60	60	60
	Maximum glasses per hour	n/a	n/a	n/a	n/a	n/a
	Average covers washed per hour*	70	90	95	100	125
SIZES AND WEIGHT	External cabinet width (mm)	460	600	600	620	715
	External cabinet depth (mm)	600	600	600	735	760
	External cabinet height (mm)	710	820	1310	1545	1525
	Usable loading height (mm)	300	390	390	430	400
	Depth with door open (mm)	930	1020	1020	N/A	N/A
	Height with hood up (mm)	N/A	N/A	N/A	2100	2060
	Appliance weight (KG)	43	60	86	111	128
CONSTRUCTION AND FEATURES	Shipping weight (KG)	51	68	97	126	143
	Easy-Touch / push button control	Easy-Touch	Easy-Touch	Easy-Touch	Easy-Touch	Easy-Touch
	Soft-start function	Yes	Yes	Yes	Yes	Yes
	Automatic self clean	Yes	Yes	Yes	Yes	Yes
	Self-diagnostics with fault alert	Yes	Yes	Yes	Yes	Yes
	Stand-by function when not in use	Yes	Yes	Yes	Yes	Yes
	Integral water softener built-in	Optional	Optional	Optional	Optional	Optional
	Internal break tank built-in	Optional	Standard	Standard	Standard	Standard
	Internal drain pump built-in	Standard	Standard	Standard	Standard	Standard
	Stainless steel wash arms	Yes	Yes	Yes	Yes	Yes
	Stainless steel rinse arms	Yes	Yes	Yes	Yes	Yes
	Top and bottom wash arms	Yes	Yes	Yes	Yes	Yes
	Top and bottom rinse arms	Yes	Yes	Yes	Yes	Yes
	Dynamic multi-level filtration system	Yes	Yes	Yes	Yes	Yes
	Thermal-acoustically insulated wash tank	Yes	Yes	Yes	Yes	Yes
	Insulated rinse boiler	Yes	Yes	Yes	Yes	Yes
	Double-skinned wall panels	Yes	Yes	Yes	Single	Yes
	Double-skinned door/hood panel(s)	Yes	Yes	Yes	Yes	Yes
	Auto detergent and rinse-aid dispensers	Yes	Yes	Yes	Yes	Yes
MECHANICAL AND ELECTRICAL	Standard electrical connection	13amp (1P)	25 amp (1P)	25 amp (1P)	3 x 15 amp	3 x 15 amp
	Optional alternative electrical connection	N/A	3 x 9 amp (3P)	3 x 9 amp (3P)	32 amp (1P)	32 amp (1P)
	Total electrical loading (kW)	3.1	5.7	5.7	6.7 1P / 9.7 3P	7.0 1P / 9.7 3P
	Option to downrate to 13amp	Yes	Yes	Yes	N/A	N/A
	Wash tank capacity (Ltr.)	7	11	11	17	22
	Rinse water consumption (Ltr.)	2.5	3.0	3.0	3.2	3.2
	Rinse booster pump	Standard	Standard	Standard	Standard	Standard
	Mains water connection (mm)	15	15	15	15	15
	Min. water pressure required (Bar)	2.0	2.0	2.0	2.0	2.0
	Drain outlet size (mm)	28	28	28	28	28
	Waste connection size required (mm)	42	42	42	42	42

THE ONGOING ADVANTAGE

Nelson's warewashers are widely recognised for their outstanding reliability. However, in the event that you experience a problem with your machine, we'll get it resolved – fast.

We understand the disruption a non-functioning machine can cause and pride ourselves on our ability to respond rapidly to calls. Our large fleet of service vehicles is equipped with every part necessary to complete just about any repair.

In fact, our skilled, in-house engineers achieve an impressive 98% success rate on their first call!

Beyond this, we're always available to offer free of charge support and advice via a phone call or email. We firmly believe in the integrity and longevity of our machines and will do our utmost to make sure you get the performance you deserve from your Advantage.





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