

# advantage

the definitive glasswasher range



**NELSON**

**advantage** [*ad-vhan-tij*]

to be of service to; yield profit or gain to; benefit

to cause to advance; further; promote

to prove beneficial to; profit

**A Clear Advantage**

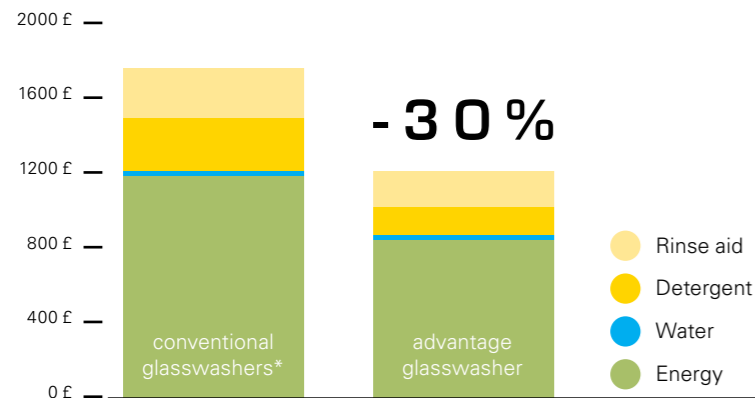
A range of glasswashers that delivers on every level. Designed for a market that demands the highest build quality, faultless performance and ongoing reliability. Combine this with some of the best energy and water saving features available today and you have the Advantage.

**Nelson's Expertise**

Nelson's long-standing experience ensures a level of service that befits these machines. With our in depth knowledge of all market sectors, we will help you choose the perfect model to make sure your business has the best glasswashing Advantage.

Less water, less energy, less detergent - without any compromise on quality or performance. These modern machines are built to reduce running costs while protecting the environment.

## T H E E N V I R O N M E N T A L



**Energy advantage.** Commercial glasswashers that require minimal energy for optimum performance.

\*annual running costs: electromechanical single skinned gravity drain

## A D V A N T A G E

**Reduced heat loss.** A generous level of thermal insulation to the double walled structure, door panel, wash chamber and boiler significantly cuts back on heat loss.

**Reduced water and energy.** The Advantage's shallow wash tank uses approximately a third of the water needed by conventional machines. Only 2.5 litres of water are drawn for each rinse cycle – the optimum amount to assure the highest standards of hygiene while avoiding unnecessary waste.



This hot rinse water is then cleverly utilised in the next wash cycle maximising both energy and water efficiency.

Total tank capacity of the AD-40 model is only 7 litres while the AD-50 models are just 11 litres. Less water, less energy, resulting in less costs.

**Reduced detergent and rinse aid.**

The Advantage is programmed to ensure that the optimum quantity of detergent and rinse aid is dispensed to achieve the best possible results.





Every last detail of the Advantage contributes towards its outstanding performance. When energy and water use are reduced so significantly, the sheer quality and functionality of the integral components become crucially important factors. Advantage has it covered.

T H E E F F I C I E N T A D V A N T A G E

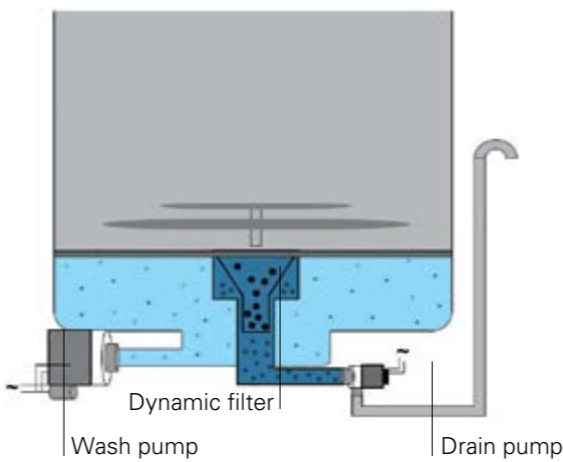
**Excellent wash results.** The cleverly designed dual level wash and rinse arms release powerful, strategically aimed jets from both the top and bottom of the wash chamber, accessing every part of the load with equal intensity. Even unusually shaped glasses wash perfectly.



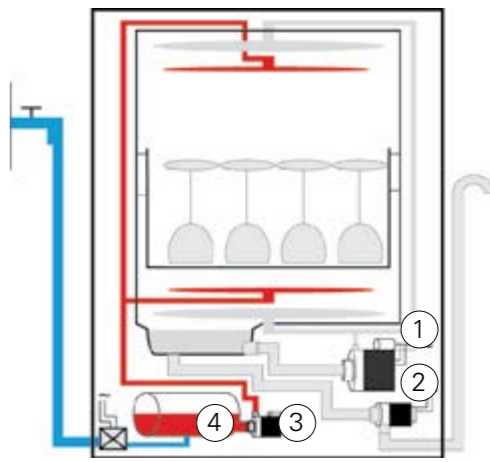
**Dynamic filtration.** A dynamic, patent pending, multi-level filtration system separates and traps even the smallest particles of debris from the clean wash water. The debris, along with the dirtiest wash water is expelled prior to each rinse cycle. The filter system is exceptionally easy to access for cleaning.



**Intelligent water utilisation.** At the end of each wash cycle, the coolest, dirtiest water automatically drains away to be replaced by hot, clean water.



**Guaranteed rinse temperature and water pressure.** On the larger AD-50 models, the hot rinse water is temperature controlled so that it stays consistently hot for the duration of the rinse cycle ensuring maximum hygiene. Also, the rinse pump compensates for mains pressure irregularities so there is never a fluctuation in the efficiency of the machine.



**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.

**Water softener option.** A fully integrated water softener can be fitted to the Nelson Advantage. Its automatic function means that only minimal operator input is necessary, except to top up the salt container when alerted by the 'low level' light.

- ① Wash pump
- ② Drain pump
- ③ Rinse pump
- ④ Boiler element
- Hot water
- Cold water

Nelson's Advantage glasswashers allow virtually any type of glassware to be accommodated easily, with perfect results every time. These versatile machines provide the ultimate solution across a wide range of requirements.



## T H E D E S I G N

**Ergonomic design.** The 300mm door height on the AD-40 model and the 415mm door height on the AD-50 model, allow users to load the glasswashers easily and comfortably.

A choice of 3 carefully calibrated **wash cycles** will address every type of load. The control panel continuously monitors progress and function.

A '**Soft Start**' option, which begins gently before gradually building to full wash pressure, allows the glasswasher to be used for more **delicate items**.



**Hygiene.** Every detail of the inner chamber has been designed to prevent the accumulation of grease and dirt. The machine has a self-drain and **self-clean** function which means that manual cleaning is virtually unnecessary.

## A D V A N T A G E

**Non-intrusive operation.** Generous insulation levels to the body and door of the machine and a water circuit that prevents cavitation make the Advantage one of the quietest glasswashers available. It operates at just 58 decibels – a level similar to quiet conversation or rainfall.

**Steam free ambience.** The door-close system, in tandem with the thermal seal to the door frame, prevents heat and steam from escaping into the workspace during operation, ensuring a more comfortable working environment.

**Counterbalanced door.** The door is counter-balanced making it very light to open and close. The ergonomically designed handle is comfortable and easy to use – even with wet hands.



**User friendly controls.** The control panel is exceptionally easy to use and completely self explanatory. The panel itself is fabricated from a highly durable material that makes it resistant to fading from wear and chemical contact.



\* Optional

The superior materials and advanced components used throughout the build of the heavy duty Advantage pass-through have been carefully selected and exhaustively tested to ensure the highest levels of reliability, durability, longevity and safety.

## T H E   B U I L D   A D V A N T A G E



**Durable.** The Advantage is constructed almost entirely from high grade, AISI 304 stainless steel for maximum durability and longevity.

**Tried and tested.** These machines have been rigorously tested for reliability under extreme conditions. For example, the hood's raising and lowering mechanism has been tested through almost half a million, faultless actions – far more than would be normal during the life of the machine.

**Safe.** Advantage glasswashers are WRAS compliant and are rated IPX4.



## O N G O I N G

## A D V A N T A G E

The superb build quality of the Advantage means that it is an exceptionally durable and ultra reliable machine on every level. Each component part has been tested for performance and longevity and has been designed to withstand continuous, everyday use. A further plus is that the controls are especially easy to use, preventing the chance of operator errors.

**Fault finding.** An integrated fault locating system identifies and warns of malfunctions, thus helping solve potential problems before they arise.

**Spare parts.** Nelson holds stock of virtually every spare part meaning that a first call fix is almost always assured.

**Maintenance and servicing.** Ready access to all areas of the machine makes the day to day maintenance exceptionally easy. At installation, Nelson's policy is to give full staff training in all aspects of routine care which, in our long experience, has always resulted in a great reduction in operator generated malfunctions.

**Guarantees.** Every Advantage machine comes fully guaranteed and extended warranty packages are available.

**Support.** Our outstanding support service is available to all Nelson customers. 35+ years' experience means that our advice and problem solving expertise is second to none. We provide a free telephone helpline, free online advice and, should it be needed, our highly skilled engineers achieve a first call fix almost every time.



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# T H E E N T I R E A D V A N T A G E

## GLASSWASHERS



Model AD-40-U-G	Model AD-50-U-G	Model AD-51-F-G
400mm sq. basket	500mm sq. basket	500mm sq. basket
Under counter model	Under counter model	Upright model
19 pint glasses	36 pint glasses	36 pint glasses

## DISHWASHERS

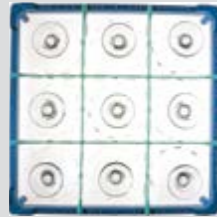


Model AD-40-U-D	Model AD-50-U-D	Model AD-51-F-D	Model AD-60-H-D
400mm sq. basket	500mm sq. basket	500mm sq. basket	upto 500x600 basket
Under counter model	Under counter model	Upright model	Pass-through model
400 items per hour	700 items per hour	900 items per hour	1700 items per hour

The pint glass capacities stated are based on 80mm dia lager glasses.

Nelson reserve the right to change product specifications at any time without prior notice.

AD-40-G 3 X 3 (400mm sq.)



for 9 glasses  
compartment size 115 x 115mm

AD-40-G 4 X 4 (400mm sq.)



for 16 glasses  
compartment size 88 x 88mm

AD-40-G 4 X 5 (400mm sq.)



for 20 glasses  
compartment size 88 x 68mm

AD-50-G 5 X 5 (500mm sq.)



for 25 glasses  
compartment size 90 x 90mm

AD-50-G 6 X 6 (500mm sq.)



for 36 glasses  
compartment size 74 x 74mm

AD-50-G 44 (500mm sq.)



for 44 glasses  
compartment size 67 x 67mm

AD-50-G 7 X 7 (500mm sq.)



for 49 glasses  
compartment size 63 x 63mm

AD-50-G 4 X 5 (500mm sq.)



for 20 glasses  
compartment size 113 x 88mm

AD-50-G 5 X 7 (500mm sq.)



for 35 glasses  
compartment size 88 x 63mm

TILT POSITION FOR GLASS



Tilting clips can be fitted to the compartments of the base rack at customers request. This will enhance the cleaning result by allowing water to drain off the tilted glasses.



ADVANTAGE GLASSWASHERS

	AD-40-U-G	AD-50-U-G	AD-51-F-G
Electronic control	•	•	•
Basket dimensions (mm)	400 x 400	500 x 500	500 x 500
Baskets/hour*	30/24/20	40/30/20	40/30/20
Programmes	3	3	3
Integral water softener option	•	•	•
Soft start	•	•	•
Automatic self clean	•	•	•
Wash arms stainless steel	2	2	2
Rinse arms stainless steel	2	2	2
Dynamic multi level filtration	•	•	•
Drain pump	•	•	•
Rinse pump	Optional	•	•
Thermal-acoustic insulation door/top of wash chamber	•	•	•
Insulated rinse boiler	•	•	•
Double skinned walls	•	•	•
Double skinned door	•	•	•
Rinse aid dispenser	•	•	•
Detergent dispenser	•	•	•
WRAS Type 'a' air gap	Optional	•	•
Usable loading height (mm)	300	415	415
Baskets supplied	2 basket	2 basket	2 basket
Lower compartment clearance WxH(mm)			560x320
Washing tank capacity (ltr)	7	11	11
Boiler capacity (ltr)	4	6	6
Rinse water consumption(ltr)	2.2	2.5	2.5
Electrical connection/ total rated power	230V 50Hz single-phase / 2.9 Kw	230V 50Hz single-phase / 5.7 Kw* or 400V 50Hz 3phase / 5.7 Kw	230V 50Hz single-phase / 5.7 Kw* or 400V 50Hz 3phase/ 5.7 Kw
Rinse boiler element (Kw)	2.6	5.0	5.0
Wash tank element	0.8	0.8	0.8
Washing pump (Kw)	0.3	0.5	0.5
External dimensions WxDxH (mm)	488 x 530 x 705	600 x 600 x 820	600 x 600 x 1350
External dimensions with door open WxDxH (mm)	488 x 850 x 705	600 x 1020 x 820	600 x 1020 x 1350
Weight (Kg – net/ gross)	40/46	61/69	74/82

The information published herein is based on product data available at the time of printing and is for information purposes only. For detailed, updated information please contact us. \* 13 amp version also available.





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