

# Warewashing Product guide

Technical Specifications





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## Our Story

Classeq Warewashing was formed in 1977 to provide the hospitality industry with a range of robust, simple to use and cost effective glass and dishwashing equipment.

Classeq was acquired by the Winterhalter Group of companies in 2004, and by 2006 Classeq had relaunched a full range of improved products to the market.

Since then, Classeq has unveiled many new products, applied new technologies and continues to reinforce its relationship with distributing partners to provide glass and dishwashing solutions that suit all markets.

## Made In Britain

Our new specially designed UK manufacturing plant is located in Staffordshire and supported by a dedicated technical team.

Classeq is supported by a nationwide network of directly employed service technicians. We also provide a complementary range of chemicals, ancillary and accessory products, including water treatment and baskets.

## Warewashing Made Simple

Classeq stands for simplicity and our products are engineered with simplicity in mind. They are easy to choose and install; simple for our customers to use; and simple to maintain & clean.

Complemented by high quality manufacture, dependable, robust build and friendly service — Classeq always provides clean, reliable and quality results at affordable prices.

# Choosing a Warewasher



## Do I need a drain Pump?

Unless ordered with a drain pump, the entry level (Standard) machines will come with a gravity drain meaning that the waste from the machine outlet is being carried out purely via gravity. This is fine when the machine is elevated (e.g. on a stand), or if the drainage point is below the machine's waste outlet.

A drain pump is required when the waste water has to travel higher than the machines waste outlet.



## Do I need a Water Softener?

The majority of the UK is a hard water area which can lead to a build-up of limescale in the machine and its heating elements. This can shorten the machine's life, affect its performance and cleaning results. A water softener prevents this by reducing the hardness of the water before entering the machine.



## What is WRAS and why is it important?

WRAS Approval is the accepted way to demonstrate compliance with the Water Supply (Water Fittings) Regulations & Scottish Byelaws.

Duo machines are fully compliant and feature a 'Type A' air gap, meaning that there is a physical air gap which completely prevents the water from entering and contaminating the mains water supply. Standard machines have a lesser 'Type B' certification which means the machine contains backflow prevention devices complying with EN 61770.

# Choosing the right warewasher:

Selecting the right warewasher for your business is essential to getting the optimum performance, extending the life span of the machine and getting the best, consistently clean results. Ensure the machine you choose can cope with washing requirements at peak times

## Undercounter Glasswashers

Undercounter glasswashers are specifically designed for washing glassware. The rinse temperature is set to a lower temperature (70°C) to protect the glass. Our range come as either Standard or DUO and in three sizes:

1. 350 x 350mm basket (12 glasses per rack)
2. 400 x 400mm basket (16 glasses per rack)
3. 500 x 500mm basket (25 glasses per rack)



## Undercounter Dishwashers

Undercounter dishwashers are considered an essential appliance for any establishment serving food and drink. Perfect where space is limited and there is a need to clean high volumes of wares. Our range come as either Standard or DUO and in two sizes:

1. 400 x 400mm basket (9 plates per rack)
2. 500 x 500mm basket (18 plates per rack)



## Pass through dishwashers

Classeq's range of Pass Through dishwashers (also known as hood types) are perfectly suited to any busy kitchen and are capable of cleaning up to 720 plates per hour. The P500 has three versions, determined by performance power (everyday use, intermediate use and intensive use).



# Glasswashers

Front-loading commercial glasswashers with simple to use controls, removable components and reliable, clean results.

Classeq's Undercounter glasswashers come in two ranges: Standard and Duo.

Standard machines are incredibly easy to use, simple to clean and deliver excellent wash results.

Duo machines have all the standard features plus an LCD display, Water Board compliant air gap, double skinned construction, built-in rinse booster pump and a drain pump.

An integral Water softener is an optional extra on all DUO models (DUOWS)



# Standard models

# DUO models

## LED Display

- Simple 2 button operation
- 2 minute wash cycle
- Colour coded lighting
- Universally recognised symbols

## Rinse Power

Determined by site water pressure.

## Single skinned

Single skinned cabinet with double skinned door.

## Gravity drain

Waste is carried away purely by gravity. (This is fine when machine is elevated above waste)

## LCD Display

- Displays wash and rinse temperature
- Easily adjusted key parameters
- Simple to use
- 3 wash programs
- 2, 3 and 5 minute cycles

## Rinse booster

Guarantees consistent rinse water pressure.

## Double skinned

Sides and doors allows for quieter operation and reduced heat loss.

## Drain pump

Required when the waste has to travel higher than the machines waste outlet.



Product code	Basket size	W x D x H	Theor. Racks p/hr	Glasses per rack	Glass clearance height	Drain pump	Auto dosing	WRAS compliant (type)	Rinse booster pump	Internal water softener	Required water pressure
<b>Standard</b>											
G350	350mm	410 x 517 x 644	30	12	273	optional	•	B	-	-	2.0 bar
G400	400mm	450 x 517 x 760	30	16	311	optional	•	B	-	-	2.0 bar
G500	500mm	550 x 605 x 830	30	25	343	optional	•	B	-	-	2.0 bar
<b>DUO</b>											
G400DUO	400mm	470 x 517 x 760	40	16	311	•	•	A	•	optional	0.5 bar (2 bar ws)
G500DUO	500mm	570 x 605 x 830	40	25	343	•	•	A	•	optional	0.5 bar

# Dishwashers

Front-loading commercial dishwashers with simple to use controls, removable components and reliable, clean results.

Classeq's Undercounters dishwashers come in two ranges: Standard and Duo.

Standard machines are incredibly easy to use, simple to clean and deliver excellent wash results.

Duo machines have all the standard features plus an LCD display, Water Board compliant air gap, double skinned construction, built-in rinse booster pump and a drain pump.

An integral Water softener is an optional extra on all DUO models (DUOWS)





# Standard models

# DUO models

## LED Display

- Simple 2 button operation
- 3 minute wash cycle
- Colour coded lighting
- Universally recognised symbols

## Rinse Power

Determined by site water pressure.

## Single skinned

Single skinned cabinet with double skinned door.

## Gravity drain

Waste is carried away purely by gravity. (This is fine when machine is elevated above waste)



## LCD Display

- Displays wash and rinse temperature
- Easily adjusted key parameters
- Simple to use
- 3 wash programs
- 2, 3 and 5 minute cycles

## Rinse booster

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## Drain pump

Required when the waste has to travel higher than the machines waste outlet.

Product code	Basket size	W x D x H	Theor. Racks p/hr	Plates per rack	Plate clearance height	Drain pump	Auto dosing	WRAS compliant (type)	Rinse booster pump	Internal water softener	Required water pressure
<b>Standard</b>											
D400	400mm	450 x 517 x 760	20	9	311	optional	•	B	-	-	2.0 bar
D500	500mm	550 x 605 x 830	20	18	343	optional	•	B	-	-	2.0 bar
<b>DUO</b>											
D400DUO	400mm	470 x 517 x 760	30	9	311	•	•	A	•	optional	0.5 bar (2 bar ws)
D500DUO	500mm	570 x 605 x 830	30	18	343	•	•	A	•	optional	0.5 bar

# Passthrough

High volume, simple to use, WRAS compliant dishwashers, suitable for straight-through or corner sited operations.

Classeq's range of digital Pass-through dishwashers (also known as hood types) are perfectly suited to any busy kitchen and are capable of cleaning up to 720 plates per hour. With a 39 litre wash tank, running costs are kept to a minimum and features such as continuous hood clean and removable wash arms ensure that they are easy to clean.

All machines have simple to use digital controls, an LCD display to show wash and rinse tank temperatures and select cycle programs, plus are fully Water Board compliant. Drain pumps are fitted as standard, chemical pumps and water softeners are available as an optional extra.





Product code	Basket size	W x D x H	Theor. Racks p/hr	Plates per rack	Plates clearance height	Drain pump	Auto dosing	WRAS compliant (type)	Rinse booster pump	Internal water softener	Required water pressure	Rating
<b>Everyday use</b>												
P500A12	500mm	630 x 720 x 1890	40	18	440	•	optional	A	•	optional	2.0 bar	6.68kw/3-phase (Hot fill recommended)
P500A30	500mm	630 x 720 x 1890	40	18	440	•	optional	A	•	optional	2.0 bar	6.68kw/1-phase (Hot fill recommended)
<b>Intermediate use</b>												
P500A16	500mm	630 x 720 x 1890	40	18	440	•	optional	A	•	optional	2.0 bar	9.32kw/3-phase
<b>Intensive use</b>												
P500A22	500mm	630 x 720 x 1890	40	18	440	•	optional	A	•	optional	2.0 bar	12.68kw/3-phase

# Warewashing Made **SIMPLE**

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