



**Contents** [ [hide](#) ]

- [1 CLASSEQ C400-C500 Pass Through Range](#)
- [2 Product Specifications](#)
- [3 Undercounter](#)
- [4 C400 & C500](#)
- [5 Pass Through](#)
- [6 CP500 Pass Through](#)
- [7 The details.](#)
- [8 Frequently Asked Questions](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)



## **CLASSEQ C400-C500 Pass Through Range**



## Product Specifications

- Manufacturer: Classeq
- Product Types: Glass and Dishwashers
- Design: Undercounter and Pass Through models
- Power Options: Single-phase and three-phase
- Origin: Designed and manufactured in Britain
- Support: UK-based Technical Team and nationwide Service Technicians

## Choosing the Right Machine

When selecting a Classeq glass or dishwasher, consider the following:

- **Size:** Ensure the dimensions of the machine fit your space. Classeq offers C400 and C500 sizes for Undercounter models.
- **Power Requirements:** Choose a model with power options that match your site's power availability and wash volumes.
- **Water Softener:** Determine if a water softener is needed to prevent limescale buildup and maintain machine performance.

## Installation

Ensure the machine is placed on a stable, level surface with proper access to water and power sources. Follow the manufacturer's guidelines for installation.

## Operation

1. Load the dishes or glasses according to the manufacturer's recommended guidelines.
2. Add detergent and rinse aid as per the machine's specifications.
3. Select the appropriate wash cycle based on the items being cleaned.
4. Start the machine and monitor the washing process.
5. Unload the clean items carefully once the cycle is complete.

## Why Classeq?

Well, that's simple.



## The Power of Simple

- You may have noticed the words 'Simple and Robust' sit proudly over our logo. This isn't just a strapline, it's been part of our ethos since day one, it's our guiding principle.
- We work hard to embrace and harness 'the power of simple' in everything we do. It's part of every product development process and every machine that leaves Staffordshire factory.

- This approach creates and shapes success; it's not accidental, it simply works.
- This philosophy isn't about stripping away features; it's about honing in on what truly matters. It's a process for creating efficiency, reliability, and user-friendliness.
- Our journey toward simplification didn't start with creating products; it was about enhancing experiences and ensuring that every interaction with our machines is as impactful as it can be.
- Our latest Pass Through models complete the new generation of Classeq machines, taking our simple and robust ethos another step forward.



### **We have the experience..**

Building washers for over 40 years, we became part of the Winterhalter Group in 2004. From day one, we've been dedicated to developing cost-effective, simple, and robust glass and dishwashing equipment.

And we continue to innovate today, with our latest Undercounter and Pass Through models.

### **We design and build in Britain.**

- Our entire range is designed and made in Britain. Each machine is rigorously tested and robust in every way, built to withstand the pressures of a busy kitchen or bar.
- We have a UK-based Technical Team and a nationwide network of directly employed

Service Technicians.

- We're proud of our Partners..
- We sell our machines exclusively through Distributors, Catering Equipment Suppliers, and Kitchen Design Houses.
- We're proud of our relationships with our partners and the essential service they provide to hospitality operators. When you buy a Classeq machine, you will have access to support and advice from ur distributor and us as the manufacturer.



## Choosing the right machine for you.

- It's essential that all your new glass or dishwasher meets your needs from day one and continues to deliver clean plates or glasses service after service for years to come. There are a few key features, technical details, and items of equipment that you need to think about when choosing the right machine for you.
- The great news is we have you covered; every Class comes with a high level of standard equipment and the right options.

- Will it fit?

It sounds obvious, but not all Undercounter and pass-through dishwashers are the same size. Check the dimensions of your space and the machine you're interested in. We offer two sizes of Undercounter machines, the C400 and C500.

- What power do I need?

Every model in the Classeq range comes in various power options to match the

availability of power on your site and your wash volumes. We have single-phase and three-phase options for each model.

- Do I need a water softener?

Hard water can cause limescale to build up in your machine, impacting its performance, washing results, and lifespan. A water softener reduces the hardness of the water before it enters the machine, preventing these issues.

If you're located in a hard water area, you will require a water softener.

An integral water softener is an option on all our models.

- Do I need detergent and rinse aid pumps?

Sometimes known as chemical pumps, detergent and rinse aid pumps draw the correct amount of detergent and rinse aid into the machine.

All our machines, Undercounters, and pass-throughs include detergent and rinse aid pumps as standard.

- Do I need a drain pump?

A drain pump is required when the wastewater has to travel higher than the machine's waste outlet. All our machines have a drain pump as standard.

- What is WRAS and why is it important?

WRAS Approval is the accepted way to demonstrate compliance with the Water Supply (Water fittings) Regulations and Scottish bylaws.

All our machines are fully compliant and feature a "Type AB" air gap, meaning that there is a physical air gap which completely prevents the water from entering and contaminating the mains water supply.

## **Undercounter**

### **Powerful creations made wonderfully simple.**

From the inside out, the new Classeq Undercounter range combines maximum efficiency, pure lines, and the cleaning power to shine bright in the busiest kitchens and bars.



**Simple choice.**  
One model level with all the features you need. Just choose the size, power and optional integral water softener.



**Simple set up.**  
Commissioned on install as a glasswasher or dishwasher in minutes.



**Simple cleaning.**  
Simple click in, click out wash arms, double filtration system, and moulded basket rails all aid simple cleaning.



**Simple app.**  
Bluetooth® app for operators and service technicians. Access user guides, machine settings, monitor performance data and service information.

- Simple choice.

One model level with all the features you need. Just choose the size, power, er and optional integral water softener.

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Commissioned on install as a glasswasher or dishwasher in minutes.

- Simple cleaning.

Simple click-in, click-out wash arms, a double filtration system, and moulded basket rails all aid simple cleaning.

- Simple app.

Bluetooth® app for operators and service technicians. Access user guides, machine settings, monitor performance data, and service information.

## C400 & C500

One machine. Two sizes. Commission on installation as a glasswasher or dishwasher.



**Simple use.**  
Press on. Press wash. Watch the display for notifications and troubleshooting.



- Simple servicing.



The repositioning of key parts makes servicing and maintenance quicker. Reducing maintenance costs throughout the life of the machine.

- C400 – 400 x 400mm basket
  - 9 plates (10”) per rack.16
  - 16pint-sizedd glasses per rack.
- C500 – 500 x 500mm basket
  - 18 plates (10”) per rack.
  - 25 pint-sized glasses per rack.



### **The Classeq app.**

- Our Classeq app is focused on simplicity, dependability, and efficiency
- It is user-friendly for both operators and service engineers, streamlining daily operation, maintenance, and servicing.
  - Access User Guides & Technical Documentation.
  - Monitor and adjust machine settings.
  - Run diagnostics.
  - Submit service reports.
  - Compatible with all C400, C500, nd CP500 machines.



### **C400 & C500 Undercounter Range**

The C400 and C500 models are designed to be either a glasswasher or dishwasher and are set up on installation. They're built to be simple to use, simple to clean, and robust



enough to withstand the rigours of any busy bar or kitchen.

**Standard features across the range: Colour-coded display.**

- Reduced rinse water consumption.
- Energy-saving standby mode.
- Drain pump, rinse booster pump, detergent, and rinse aid pumps.
- Double-skinned door and cabinet to reduce noise and limit heat loss.
- Hygiene and service reminders. Deep clean mode and refresh cycle.
- Optional audible alarm.
- Rental Mode allows Distributors to rent machines to operators based on the number of wash cycles.
- WRAS Compliant – Type AB air gap.
- Three power options:
  - 13A, 30A Single Phase and
  - 13A Three Phase.
- Bluetooth® app.
- Optional integral water softener with new low salt audible alarm.
- New optional chemical lance kit enabling the display of low detergent and low rinse aid warnings.



	<b>C400</b>	<b>C500</b>
<b>Basket Size</b>	400mm	500mm
<b>Dimensions (WxDxH)</b>	460x570x720mm	600x600x820mm
<b>Theoretical Racks per hour – Glass</b>	40	40
<b>Pint-sized glasses per rack</b>	16	25

<b>Wash Programmes – Glass</b>	1.5, 2 mins	1.5, 2 mins
<b>Theoretical Racks per hour – Dish</b>	30	30
<b>10” Plates per rack</b>	9	18
<b>Wash Programmes – Dish</b>	2, 3 and 5 mins	2, 3 and 5 mins
<b>Drain pump</b>	P	P
<b>Detergent and rinse aid pumps</b>	P	P
<b>WRAS compliant</b>	Type AB	Type AB
<b>Rinse the booster pump</b>	P	P
<b>Integral water softener</b>	Optional	Optional
<b>Required water pressure</b>	2 bar	2 bar
<b>Required water flow rate</b>	4 litres/min	4 litres/min
<b>Power options</b>	13A, 30A Single Phase and	13A Three Phase
<b>Compatible with Bluetooth® app.</b>	P	P

Scan for more

WRAS

COMPLIANT

information.

**Pass Through**

A range of simple-to-use high-volume Pass Through machines available in three model levels based on your wash volumes – Everyday, Intermediate and Intensive Use.

### **Simple choice.**

- Select an integral water softener and/or steam recovery unit as required. Choose your power level – single phase, 30 Amp or three phase, 12, 16 or 22 Amp.
- New for the CP500, both the 12 and 16 Amp, three-phase models can be converted on-site to 30 Amp, single-phase.

### **Simple setup and configuration.**

- New packaging makes one-person installation simple\*. Commissioned on installation as a dishwasher or glasswasher.
- Easily configured for straight-through or corner locations.

### **Simple use.**

Press on. Simply close the hood to start a wash. Watch the display for notifications and troubleshooting.



### **Bringing simplicity to high-volume warewashing**

The new CP500 Pass Through range delivers more innovation, more performance, and more simplicity where it matters most. All the features you need. None of the hassle, you don't.

### **Simple cleaning.**

New click-in, click-out wash arms, a double filtration system, a deep clean programme and a refresh cycle all work together to make cleaning quick, easy, and hassle-free.

### **Simple app.**

The Bluetooth® app gives operators and service technicians instant access to user

guides, machine settings, performance data, and service information.

## **Simple servicing.**

- Quick access to key parts makes maintenance faster and most-effective
- Shared components with the undercounter range mean fewer spares and simpler servicing.

## **CP500 Pass Through**

When volumes increase, it's important to keep things simple. A Pass Through or 'Hood Type' machine reduces the pressure on your kitchen team, allowing baskets to pass through the machine at a faster rate than undercounter machines.

Standard features across the range

- Updated colour-coded display.
- Drain pump, rinse booster pump, detergent, and rinse aid pumps all fitted as standard.
- New energy-saving standby mode.
- New Bluetooth® app.
- New deep clean programme and refresh cycle.
- New utensil wash programme with optional basket for Gastronorm 1/1 trays.
- New guided descaling programme. New optional audible alarm.
- New hygiene and service reminders.
- New Rental Mode allowing Distributors to rent machines to operators based on the number of wash cycles.
- New optional chemical lance kit enabling the display of low detergent and low rinse aid warnings.
- A range of tabling is available, including support for bespoke requirements.
- WRAS Compliant – Type AB air gap.
- Optional integral water softener with new low salt audible alarm.
- Four power options – single phase, 30 Amp or three-phase, 12, 16 or 22 Amp. On-site flexibility to convert 12 and 16 Amp, three-phase models to 30 Amp, single-phase.

ines.



## **New Steam Recovery Unit**

- Our new steam recovery option minimises the steam released into the kitchen, eliminating the need for extraction and creating a more comfortable workspace.
- Better still, the captured heat is reused to preheat incoming water, improving efficiency with every cycle.
- Simple to use, clean and maintain, robust enough to keep service flowing day after day.



## The details.



Capacities & Performance	
Basket Size	500mm
Dimensions (WxDxH)	635x699x1453/1999m m
Dimensions with Steam Recovery Unit (WxDxH)	635x712x2012/2072m m
Theoretical Racks per hour	40
10" Plates per rack	18

Pint-sized glasses per rack	25
Wash Programmes – Dish	1.5, 3, 5, 7 mins
Wash Programmes – Glass	1.5, 2 mins
Drain pump	P
Detergent and rinse aid pumps	P
WRAS compliant	Type AB
Rinse the booster pump	P
Integral water softener	Optional
Required water pressure	2.0 bar
Required water flow rate	4 litres/min
Compatible with Bluetooth® app.	P
Electrical specification	
<b>Everyday Use</b>	<b>Single Phase</b> <b>Three Phase</b>
Amps required	30A 12A
Total connected load W	6.5 k 6.5 kW
<b>Intermediate Use</b>	
Amps required	– 16A
Total Connected Load	– 9.5 kW
<b>Intensive Use</b>	
Amps required	– 22A



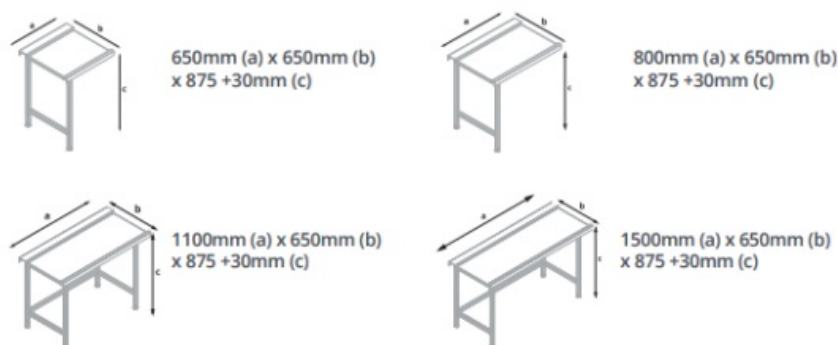
Total Connected Load	—	12.5 kW
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## Tabling

Our Pass Through dishwashers can be configured for straight-through or corner locations. We have a range of standard tabling available and can also support with bespoke requirements.

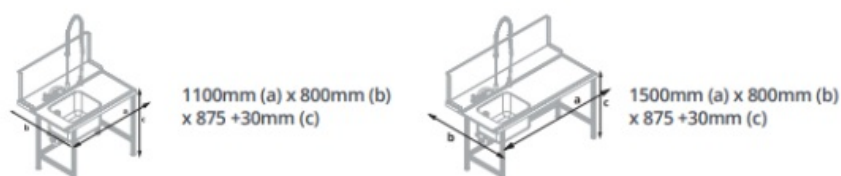
## Tabling

All tabling options can be ordered as left or right-hand, entry or exit tables.



## Prewash Sinks

Can be ordered in left or right-hand orientation.



- Entry table, 500 x 400mm sink, single feed overhead prewash spray & mixer taps, full-length 400mm high splashback.
- Entry table, 500 x 400mm sink, single feed overhead prewash spray & mixer taps, full-length 400mm high splashback.

## Accessories

- Rack Packs
- 3x C400 Glasswasher Racks with six inserts
- 3x C500 Glasswasher Racks with nine inserts
- 1x Cutlery Holder

- 3x Plate Baskets, 2x Glass Baskets (500 x 500mm),
- 1x Cutlery Holder



Baskets & Racks	Size	Suitable for	
C400 Glasswash Basket	400 x 400mm	C400, C400WS	
C500 Tall Glass Plastic Basket <hr/> <hr/> <hr/> <hr/> 400mm Glass Basket Insert	500 x 500mm  –	C500, C500WS, All CP500 mode ls  C400, C400WS	
500mm Glass Basket Insert	–	C500, C500WS, All CP500 mode ls	
Dish Insert	–	C400, C400WS	
Glass/Cup Basket	500 x 500mm	C500, C500WS, All CP500 mode ls	
Plate Basket	400 x 400mm	C400, C400WS	
Plate Basket	500 x 500mm	C500, C500WS, All CP500 mode ls	

Utensil Rack	500 x 500 mm	All CP500 models	
Small Cutlery Holder – Single	–	All models	
Cutlery Holder – Eight Compartments	–	All models	
<b>Consumables</b>	<b>Size</b>	<b>Suitable for</b>	
Granulated Salt	25kg bag	All Classeq machines	
Tablet Salt	25kg bag	Cold & hot automatic water softeners	

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## Frequently Asked Questions


How do I know if my machine needs a water softener?

If you experience limescale buildup in your machine, notice a decrease in wash performance, or have hard water in your area, it is recommended to use a water softener to maintain your machine's efficiency

What should I do if my machine encounters a technical issue?



Contact your distributor or Classeq's Technical Team for assistance. Provide details of the problem and follow any troubleshooting steps recommended by the support team.

## Documents / Resources

	<a href="#">CLASSEQ C400-C500 Pass Through Range [pdf]</a> User Guide C400-C500 Pass Through Range, C400-C500, Pass Through Range, Through Range, Range
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## References

- [User Manual](#)

 C400-C500, C400-C500 Pass Through Range, Classeq, Pass Through Range, Range, Through  
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