

# WINTERHALTER UC SERIES

[winterhalter.com.au](http://winterhalter.com.au)



## Our technology has been created to be energy efficient while maintaining the highest standards of hygiene and cleanliness.

From water and energy consumption to chemical waste, passing through operational and labour costs, there are many factors that affect the efficiency and profitability of a business.

This is why we dedicate our time to making your time more valuable.

With perfectly coordinated accessories, specially developed chemicals, precise dosing technology, targeted programmes, and tailored water treatment systems, our range of Undercounter warewashers will help maximise the efficiency of your kitchen. The technology makes it easier to control your wash, saving you time, money and most importantly, massively reducing water consumption.



# SEE FOR YOURSELF

## PRODUCT BENEFITS



### FOR ALL SPACES, SMALL & LARGE

The UC Series is available in four different sizes: S, M, L and XL. This means that you can choose the machine size that fits best with the space available to you and your wash items. And no matter which size you choose, there is the right rack for every type of application.



### CUSTOMISED SOLUTION

Made for you: the UC comes as a glass, dish, cutlery or bistro warewasher depending on the application. Every machine has up to three standard programmes, which adapt to the shape and size of the wash items and the level of soiling.



### ECONOMICAL AND EFFICIENT

The UC Series is characterised by the fact that it is economical and cost-effective to operate: the optimised wash field reduces water consumption by up to 25% compared to the previous model. Consumption of electricity and chemicals also drops as a result, which further minimises the overall operating costs. All this with first class wash results.

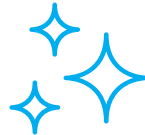
# SEE FOR YOURSELF

## PRODUCT BENEFITS



### USER-FRIENDLY

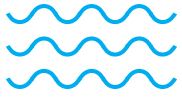
A Smart Touch Display with programme selection, progress indicator and short explanatory videos. It's also easy to clean, with two wash fields that can be removed with one hand at the push of a button – entirely without the use of tools. Features an ergonomic door handle. Operation of the UC is easy and intuitive. Just as you want it to be.



### SOPHISTICATED HYGIENE

Sparkling clean. Hygienically clean. Visibly flawless. The UC guarantees perfect wash results over a long period of time. The UC is equipped with a clouding sensor, which automatically identifies when the wash water becomes dirty: the optical sensor monitors the tank water and ensures fast regeneration if it is too dirty. Additional features that guarantee maximum hygiene include the machine's hygiene design, with a deep-drawn rack guide and deep-drawn tank with hygiene tank heater; and the thermostop, which only starts the rinse once the necessary rinse temperature has been reached to achieve a hygienic wash result. The integrated hygiene logbook documents compliance with the necessary regulations and ensures verifiable safety.





### VARIOPOWER: THE RIGHT PRESSURE FOR EVERY WASH ITEM

This ensures that light dishes remain securely in place, while heavier dishes can be washed with increased pressure: VarioPower – the automatic variable water pressure regulation – ensures that the washing parameters, depending on the selected programme, are adjusted to the dishes.



### EFFICIENT FILTRATION

The cleaner the wash water, the better the wash result. That is why the UC Series is equipped with the tried and tested, efficient fourfold wash water filtration system. During stage 1, a strainer filters the largest dirt particles out of the wash water. During stage 2, the filter cylinder with its fine filter removes smaller dirt particles. The Mediamat then filters out the finest particles, such as coffee grounds, during stage 3. Finally, during stage 4, the pump inlet filter gets to work, protecting the pump from mechanical damage.



### BOTTLES WASHED CLEAN IN LESS THAN A MINUTE

Serve beverages to guests in your own bottles or carafes. Winterhalter has developed a bottle rack and a special adapter so any UC Series warewasher can become a bottle-washing system. Water is injected into the bottle directly via a special jet, providing cleaning quality and hygiene that is certified in accordance with DIN SPEC 10534. All UC Series warewashers can accommodate the bottle rack, and it is easily switched in and out at any time to suit your washing needs.

# MAXIMUM ENERGY EFFICIENCY

## EFFICIENCY FEATURES

WATER TREATMENT  
/ PROGRAMMES /  
DOSING TECHNOLOGY



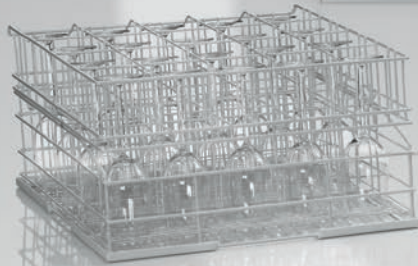
REVERSE  
OSMOSIS



THE RIGHT  
DETERGENTS  
& RINSE AIDS



THE RIGHT ACCESSORIES



Winterhalter's technology has been created to be energy efficient while maintaining the highest standards of hygiene and cleanliness. The UC Series is economical and cost-effective to operate.

From water and energy consumption to chemical waste, passing through operational and labour costs, there are many factors the UC Series will have an impact on. Its technology, combined with the right detergents and rinse aids, and accessories, will ensure the machines run at the highest efficiency.

## WATER TREATMENT

Deposits. Streaks. Marks. They are little greetings from the kitchen and the natural enemies of any restaurateur. This is because they are indicative of poor washing quality. Limescale impairs the effect of detergent and rinse aid, and damages the machine in the long-term. The problem is water quality – the solution is professional water treatment.

Winterhalter has developed an entire product range from simple water softening, via partial or full demineralisation, through to reverse osmosis. Integrated into the machine or as an external device, it is always tailored precisely to your needs and the local water quality. The result is sparkling glasses without any need to polish, radiant cutlery and shining plates.

## EXTERNAL REVERSE OSMOSIS

The external reverse osmosis devices AT Excellence-S and AT Excellence-M are winning customers with their consistent delivery of perfect wash results. They remove almost 100% of water impurities.

### AquaOpt – the water quality that you want

The AquaOpt function optimises water quality during extended wash break periods. This can be adapted to meet specific on-site requirements. It ensures consistent washing with optimised water and guarantees the desired wash result every time.

### Operational status on machine display

A direct network connection allows the operational status of the AT Excellence Series to be displayed on the warewasher display. Faults (e.g. pre-filter function or water quality) are indicated as fault messages and can be rectified immediately.



## HEAT RECOVERY

Intelligent use of energy: as an option, the UC can be fitted with Energy integrated circulating air heat recovery. This uses the energy from the hot steam to pre-heat the cold inlet water. This significantly reduces energy consumption, lowers operating costs and ensures that hardly any steam escapes when the machine is opened.

## INTEGRATED SOFTENER

For better wash results and to protect the machine, every UC has the option of an integrated softener. It is built into the machine to save space and provides continuous soft water. This way, detergent and rinse aid can have an optimum effect, which significantly reduces limescale deposits in the machine.

## IN-BUILT REVERSE OSMOSIS

For the highest standards in water quality there is the UC Excellence-i with in-built reverse osmosis. It produces sparkling glasses and shining cutlery – without any need to polish. In the UC Excellence-iPlus, which has an additional integrated softener, glasses can be washed with osmosis water and dishes with softened water thanks to the VarioAqua function.



# CASE STUDIES

## AUSTRALIAN VENUES



### **BODRIGGY BREWERY CO.** Brewery & Eatery, Melbourne

Bodriggy Brewery Co. is located in Abbotsford, Melbourne, and is made up of a brewery, brewpub, cocktail bar and soon-to-open bottle shop. They're a locally-focused business and make beer with their Abbotsford customers in mind.

They use multiple undercounter warewashers to keep their wine and beer glasses sparkling, and to keep up with the turnover of customers coming in for a drink. The UC warewashers are fully programmable to suit Bodriggy Brewery Co.'s unique requirements.



### **LEVANTINE HILL ESTATE** Winery, Victoria

Levantine Hill is focused on taking their customers on a journey through their wine and food, offering bespoke food and wine flights and a Mediterranean-style menu.

Their high standards in food and wine is matched by the impeccable cleanliness of their sparkling wine glasses, with the need for hand polishing eliminated through use of the UC Series glasswasher.





**STINGRAY | QT GOLD COAST**  
Bar & Restaurant, Gold Coast

Stingray is a stylish and eclectic Cali/Mexican-style bar and restaurant at Gold Coast's QT hotel. Attracting both tourists and locals, Stingray serves up cocktails, tequila and food for its discerning customers.

Stingray relies on Winterhalter's undercounter warewashers to take care of their glasses, dishes and cutlery, leaving them hygienically clean and gleaming.



**THE SQUIRE'S LANDING**  
Brewhouse & Restaurant,  
Sydney

The Squire's Landing is Australia's flagship James Squire Brewhouse. The two-storey venue includes both a casual brewhouse and restaurant, serving up food, James Squire beers and other drinks; it also acts as a function space.

The large venue relies on Winterhalter's UC series to keep up with the hustle and bustle of their kitchens, eliminating hand polishing and ensuring the highest standards of hygiene and cleanliness.

# TECHNICAL DATA

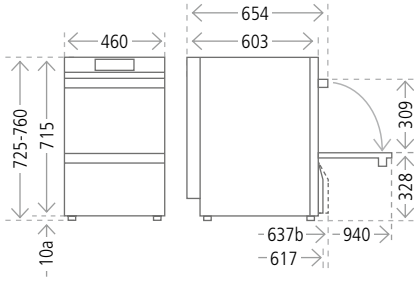
General data		UC-S	UC-M	UC-L	UC-XL
Tank capacity	l	9.5	15.3	15.3	15.3
Rack dimensions	mm	400 x 400	500 x 500	500 x 500	500 x 500 / 500 x 540
Clear entry height	mm	309	309	404	404
Wash pump	kW	0.6	0.6	0.6	0.6
Noise emission	dB(A)	max. 55			
Splash guard with plastic rear cover		IPX3	IPX3	IPX3	–
Splash guard with CN rear panel		IPX5	IPX5	IPX5	IPX5
Weight net / gross	kg	59 / 68	64 / 74	69 / 79	69 / 79
with Energy	kg	64 / 73	70 / 80	75 / 85	75 / 85
with Excellence-i	kg	79 / 88	85 / 95	–	–
Max. inlet water temperature	°C	60 (Energy: 20 / Excellence-i: 35)			
Required water flow pressure	bar / kPa	1.0 – 6.0 / 100 – 600			
with Energy	bar / kPa	1.5 – 6.0 / 150 – 600			
with UC Excellence-i	bar / kPa	1.4 – 6.0 / 140 – 600			

Specific data depending on software		Glasses	Dishes	Bistro	Cutlery
Theoretical capacity Standard *1	Racks/h	22 / 32 / 48	24 / 28 / 40	28 / 32 / 40	11
Theoretical capacity Short programme *1	Racks/h	77	66	66	21
Rinse water consumption per wash cycle *2 UC-S	l	Standard: 2.0 Eco: 1.8 Cool: 3.4	Standard: 2.0 Eco: 1.8	Standard: 2.0 Eco: 1.8	Standard: 3.2 Eco: 2.9
Rinse water consumption per wash cycle *2 UC-M, -L, -XL	l	Standard: 2.2 Eco: 2.0 Cool: 3.4	Standard: 2.2 Eco: 2.0	Standard: 2.2 Eco: 2.0	Standard: 3.4 Eco: 3.1
Tank temperature	°C	62 Cool: 55	62	62	69
Rinse water temperature	°C	65 Cool: *3	85	65 – 85	85
Rinse water temperature Energy *4	°C	65	65	65	65

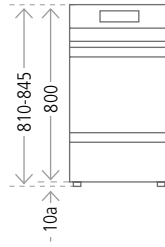
## ELECTRICAL DATA

Voltage	Fuse protection	Total connected load *5 Tank heating 1.8kW Boiler heating 4.9kW	Countries
380V – 415V, 3N~, 50 Hz / 60 Hz	15A 20A	6.0 kW 7.9 kW	Australia
220V – 240V, 1N~, 50 Hz / 60 Hz	15A 20A	3.2 kW 4.1 kW	

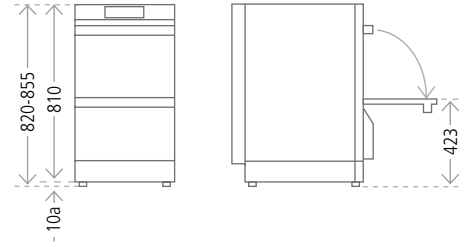
### UC-S



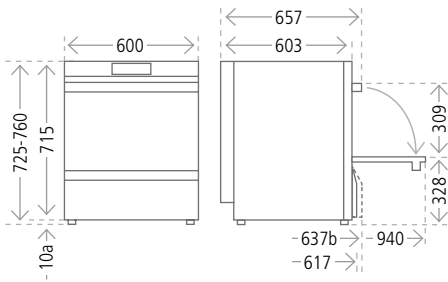
### UC-S Energy



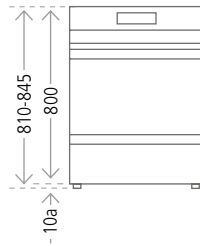
### UC-S Excellence-i/UC-S Excellence-iPlus



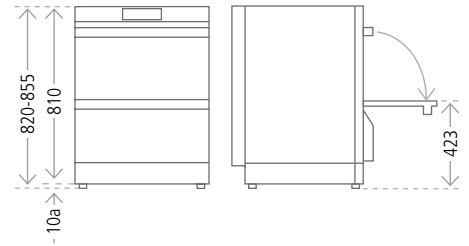
### UC-M



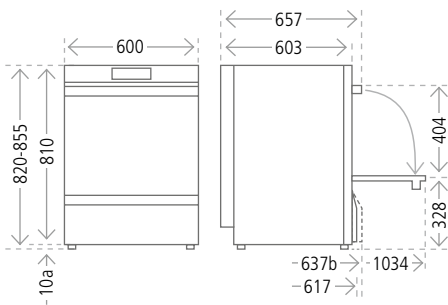
### UC-M Energy



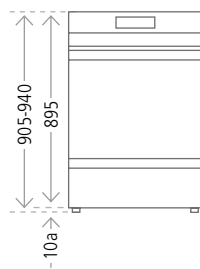
### UC-M Excellence-i/UC-M Excellence-iPlus



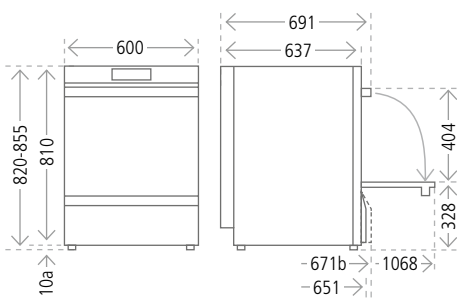
### UC-L



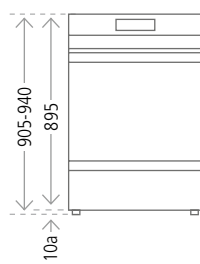
### UC-L Energy



### UC-XL



### UC-XL Energy



**Note** The following dimensions must be considered when installing the machine in a recess:

Height: + 5 mm  
 Width: + 10 mm  
 Depth: + 5 mm

a Removing the feet reduces the machine height by 10 mm.  
 b Without the build-in storage tanks for detergent and rinse aid, the depth reduces by 20 mm for all machines.

Further information can be found in our installation diagram.

\*1 Depending on local conditions (inlet water temperature/ electrical supply), the values stated here can be reduced.

\*2 Non-binding information. The actual rinse water consumption may vary depending on the on-site conditions.

\*3 Depends on the inlet water temperature, switchable from 65°C.

\*4 Inlet water temperature < 20 °C.

\*5 The actual connected load varies depending on the mains voltage.

**Winterhalter Australia Pty Limited**

Commercial Dishwashers & Systems

1 Glendenning Rd, Glendenning, NSW 2761 • +61 2 9645 3221

[sales@winterhalter.com.au](mailto:sales@winterhalter.com.au) • [winterhalter.com.au](http://winterhalter.com.au)

