


Integrated reverse osmosis  
UC Excellence-i

winterhalter®



## NO MORE POLISHING. BRILLIANCE INSIDE.

Integrated reverse osmosis UC Excellence-i.  
For the UC-S and UC-M under counter machines.



TOGETHER UNBEATABLE.  
UC SERIES WITH  
INTEGRATED REVERSE  
OSMOSIS.

Brilliant glasses, gleaming cutlery and sparkling dishes straight from the warewasher – no need to polish: That is what you want from a professional warewasher. To meet these demands, Winterhalter has made no compromises in its new UC Excellence-i machines by successfully integrating reverse osmosis into its under counter UC-S and UC-M machines. These solutions guarantee perfect wash results without the need for extra polishing.



# PERFECT WASH RESULTS. LEAVE IT TO US.

The UC Excellence- i delivers a perfect combination of warewasher and reverse osmosis. The water treatment process is fully integrated into the wash process to deliver flawless wash results everytime.

## **Water treatment without additional space**

UC Excellence-i devices make it easy to wash with osmosis water even in tight counter areas. Because the reverse osmosis system is fully integrated into the UC-S/UC-M, space requirements are only limited to the dimensions of the warewasher.

## **AquaOpt – always perfect water quality**

When it comes to longer wash breaks, the AquaOpt function prevents salt deposit returns and the negative impact this

has on the wash result. Optimum water is always used when washing to achieve the best wash result.

## **Control and monitoring display**

The warewasher's touch display is used to control communication and the operation of UC Excellence-i devices. The operational status is shown on the display – this allows immediate reaction to faults.

# YOU VALUE THE EFFICIENCY. SO DO WE.

Another key focus when developing the integrated reverse osmosis system – as well as a brilliant wash result – was efficiency. We have succeeded in reducing consumption and costs while simultaneously increasing performance and yield. This is how we guarantee you perfect wash results and reduced operating costs.

## **Integrated water softening**

Excellence-iPlus models fitted with an integrated softener use softened water when filling and self-cleaning. Osmosis water is subsequently used for the first wash onwards. The softener increases the life span and performance of the osmosis membrane.

## **VarioAqua / needs-oriented water quality**

Thanks to the VarioAqua function, various water qualities can be stored in the washing programs. Glasses can, for example, be washed with osmosis water and dishes with softened water. A plus in the economic efficiency of the UC Excellence-iPlus.

## **Plug and play – with integrated WSD**

The legally required water safety device (WSD) is already built into all models.\* Just connect power and water and the warewasher is ready to go. This doesn't involve additional installation work or extra costs.



\* National installation and operating regulations must be observed!



## THE SPECIALIST IN SYSTEMATIC BRILLIANCE.

The name Winterhalter stands for brilliant wash results – especially when it comes to glass washing. Our perfectly tailored system integrating an under counter machine with reverse osmosis, highly effective chemicals and tailored glass racks, ensure that glasses receive a sparkling clean. Laborious polishing is no longer required, saving you time and allowing you to focus more attention on your guests.



## Technical data

	UC Excellence-i	UC Excellence-iPlus
Inlet water temperature [°C]	max. + 35	max. + 35
Permeate capacity at +15 °C [l/h]	min. 42	min. 42
Inlet water temperature (mains voltage-dependent)		
Yield [%]	max. 55 +/- 5*1*2	max. 55 +/- 5*2
Salt retention rate [%]	≥ 93	≥ 93
Product water quality [µS/cm]	< 80	< 80
Flow pressure [bar]	min. 1	min. 1
Static pressure [bar]	max. 6	max. 6
Max. conductivity of the inlet water [µS/cm]	1,200	1,200
Inlet water total hardness [°dH]	max. 35	max. 31
Storage tank / Pressure expansion vessel [l]	–	–
Total connected load [W]	UC values + 200	UC values + 200
Softener	Upstream recommended	Integrated
Electrical supply	See UC values	See UC values
Protection class	with plastic rear cover: IPX3 with stainless steel rear cover (option): IPX5	with plastic rear cover: IPX3 with stainless steel rear cover (option): IPX5
Silicate/chlorine threshold values [mg/l]	max. 30 / max. 0.2	max. 30 / max. 0.2
Weight [kg]	UC values + 15	UC values + 15

\*1 If connecting to softened water 0°dH total hardness, cold

\*2 The values given have been determined on the basis of measurements. This data does not relate to one individual device and does not form part of any offer, but serves as a basis for comparison between devices

On-site water requirements for the operation of Winterhalter devices are those matching the **German drinking water ordinance**, which stipulates the following **threshold values**: Copper 2.0 mg/l, manganese 0.05 mg/l, sulphate 250 mg/l

