

PROFESSIONAL GLASS WASHERS



400 SERIES

PERFORMING EXCELLENCE

Offering the best performance for modern catering: Smeg Foodservice Solutions is the Smeg division dedicated to the needs of the professional catering sector. Excellent technological know-how in design and fabrication results in innovative and functional solutions which guarantee maximum comfort in every working environment.

SMEG EXPERIENCE

Our newest range of professional glass and dishwashers, which have undergone a natural evolutionary process thanks to more than 40 years' experience in dishwasher design and fabrication. They are built entirely in Italy and designed for bars, restaurants and any commercial environment. Characterised by a high-tech wash system, these glass and dishwashers boast reduced consumption, quality wash results and guaranteed hygiene, combined with a distinctive design.

CONTINUOUS RESEARCH

Smeg has always designed and manufactured excellent products offering the best performance



400 SERIES

PROFESSIONAL FRONT LOADING GLASSWASHERS

GREENLINE

Maximum attention to energy saving, respect for the environment, technological innovation. The new Greenline range is the result of a design process that strives for and guarantees the best performance with the minimum consumption.

TOPLINE

High performance, maximum efficiency, hygiene without compromise: every aspect of the Topline range has been designed with the latest technology to ensure excellent wash and rinse results.



GREENLINE CWG430DE CWG430SDE



GREENLINE

MAXIMUM ATTENTION TO ENERGY SAVING, RESPECT FOR THE ENVIRONMENT, TECHNOLOGICAL INNOVATION

Technological innovation, running cost optimisation and respect for the environment: the new Smeg glasswasher range is the result of design inspired by the search for ever greater performance.

THE BEST PERFORMANCE

EXCELLENT RESULTS

Thanks to the state-of-the-art design and the innovative technical systems, these glass washers guarantee excellent wash and rinse results. The rotating arms and the nozzles have been designed so that the water can reach every point in the tank for a perfect wash, while the Water Level Check (WLC) system guarantees a steady water flow and optimal pump operation. The HTR system keeps the rinse water temperature constant for better hygiene and fast drying.

HIGHLY PRACTICAL

The tank used in Smeg professional glass and dishwashers has been designed with smooth surfaces and rounded corners that prevent grease and dirt from building up, making it easier to clean. These models do not require cleaning by hand at the end of the day, as they automatically drain the water from the tank and run a self-wash cycle.

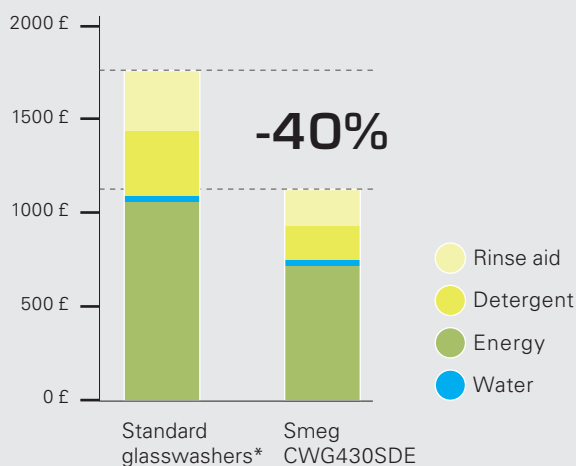
VERSATILITY AND COMFORT

The 300 mm loading height allows the easy loading of various types of glassware and large items into the basket. The user-friendly display that simplifies the selection of the right program for each item to be washed and the counterbalanced door that prevents steam from escaping, guarantee absolute ease of use.

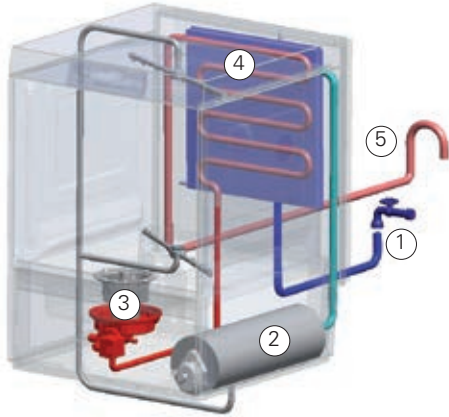
SILENT OPERATION

The double-skinned structure, thermal-acoustic insulation of the wash chamber and the hydraulic circuit (optimised to prevent cavitation) make these glasswashers the most silent in their class (50 dBA).

ANNUAL RUNNING COST SAVINGS



DHR



Drain Heat Recovery system

- ① Inlet water
- ② Boiler
- ③ Drain pump and filter unit
- ④ DHR device
- ⑤ Wastewater

DHR HEAT RECOVERY

By means of the special Drain Heat Recovery (DHR) device, the wastewater heats the cold inlet water increasing the temperature by approximately 20°C. Thanks to this and a series of technical solutions, the energy consumption is 40% lower than standard models on the market.

INTELLIGENT OPERATION

In the periods when the machine is not used, the unique Standby system limits operation of the tank and boiler heating elements guaranteeing a 70% energy saving compared to conventional glasswashers.

DETERGENT AND RINSE AID: WELL-CONSIDERED MEASURES

ONLY AS MUCH AS NECESSARY

The electronic Smart Wash system doses the rinse aid and detergent so that only the necessary amount is dispensed.

ENERGY: GREATER SAVINGS

DOUBLE-SKINNED AND INSULATED STRUCTURE

The effective insulation of the boiler and the entire double-skinned structure considerably reduces heat loss and the operating time of the tank and boiler heating elements.

PERFECT DOOR SEAL

The door-closing system ensures a perfect seal, thereby preventing heat from escaping.

The best compromise between savings and hygiene

RINSE CYCLE Consuming only 2.2 litres of fresh water for each rinse cycle, Smeg glasswashers achieve the best balance between water saving and hygiene.

LESS WATER IN THE TANK Smeg glasswashers require only 7 litres of water compared to the 10-12 litres (approx.) consumed by conventional glasswashers, thus reducing the heating time and the water consumption.



WATER: REDUCED CONSUMPTION

DESIGN AND TECHNOLOGY

Careful design, state-of-the-art technology and ease of use: Greenline glass and dishwashers represent excellence from every perspective.

- ON/OFF
- Program selection
- Drain
- Option selection
- Machine settings display
- Start/Stop



The Topline series of Smeg glasswashers guarantee top wash and rinse performance for any item.



TOPLINE CWG420D CWG420SD

TOPLINE

HIGH PERFORMANCE, MAXIMUM EFFICIENCY, HYGIENE
WITHOUT COMPROMISE

All Smeg glasswashers are designed with painstaking care, right down to the smallest detail, using the latest technology.

From the hydraulic water circuit to the electronic control panel, from the wash and rinse nozzles to the filtering system: every single part guarantees excellent wash and rinse results without the need for pre-washing.



CREATED FOR PROFESSIONALS

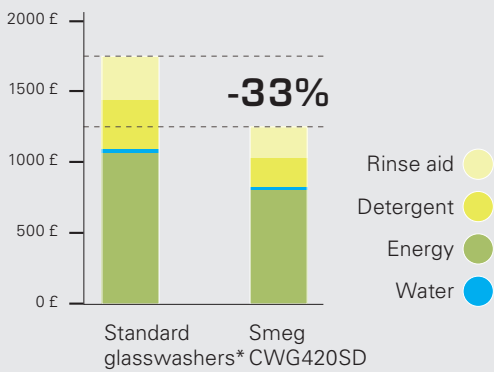


TOP PERFORMANCE AND EFFICIENCY WITHOUT COMPROMISE

MORE SAVINGS

Reduced energy and water consumption, accurate detergent and rinse aid dosage: the innovative systems with which this range is equipped allow consumption to be kept to a minimum. In addition, there is the Standby function, which limits absorption of the tank and boiler heating elements in the periods when the machine is not used.

SAVINGS ON ANNUAL RUNNING COST



* electromechanical, single skinned, without drain and rinse pump.

MAXIMUM EFFICIENCY

A series of design and technical solutions, including the positioning and inclination of the nozzles, the speed of the rotating arms, as well as the innovative three-stage filtering system coupled to the drain pump, guarantee superior wash performance.

GUARANTEED HYGIENE

The linear shapes and rounded corners of the tank prevent the build-up of grease and dirt, thereby making it easier to clean. In addition, the automatic self-wash function at the end of the drain cycle means that the machine does not require cleaning by hand.

VERSATILITY AND COMFORT

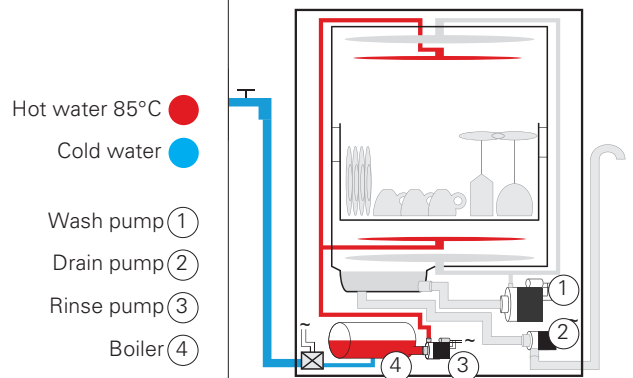
The 300 mm loading height allows for the easy loading of various types of glassware and large items into the basket. The user-friendly display that simplifies the selection of the right program for each item to be washed and the counterbalanced door that prevents steam from escaping, guarantee absolute ease of use.

FAST DRYING

The High Temperature Rinse system prevents cold mains water from entering the boiler during rinsing. The water that comes into contact with the dishes stays hot throughout the rinse cycle, thereby guaranteeing hygiene and fast drying.

CONSTANT WATER PRESSURE

The integrated rinse pump ensures a constant water flow pressure, irrespective of the mains water pressure, thus allowing optimal rotation speed of the rinse arms.



EXCELLENT RINSING

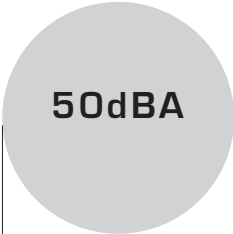
The high quality of the material of the control panel guarantees its resistance to wear and erosion by chemical agents.



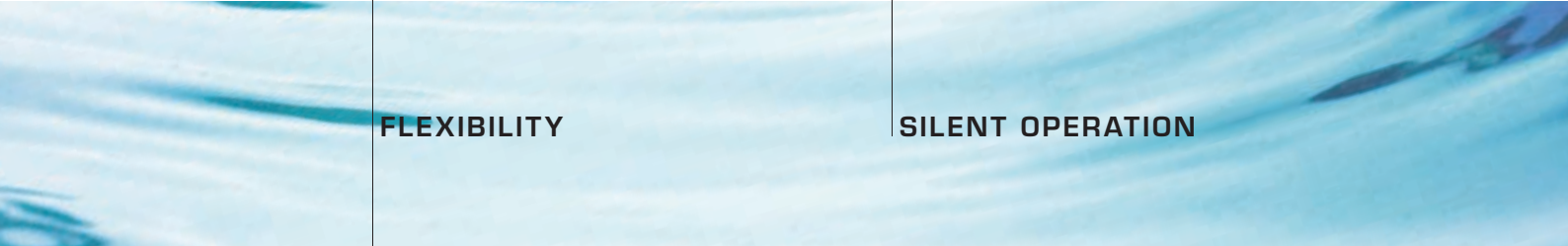
CUSTOMISED WASHING
Topline glasswashers have three standard wash programs with various options so that you can select the most suitable program to wash any type of item.

SPECIAL GLASS FUNCTION
This special function shortens the wash cycle and reduces the rinse temperature keeping your glasses as good as new, even after multiple washes.
To further improve results, Smeg offers an integral water softener option.

SOFT START
To avoid breaking or chipping more delicate items, the initial water jet is delivered at a lower pressure - Soft Start - and is then gradually increased to the full washing force.



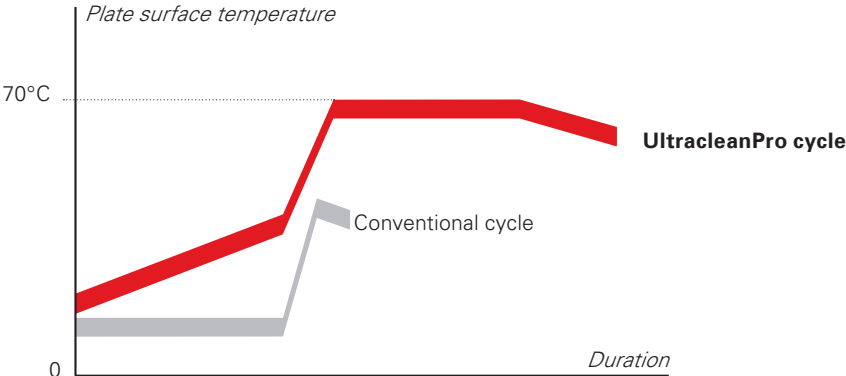
The double-skinned structure, the thermal-acoustic insulation of the wash chamber and the hydraulic circuit (optimised to prevent cavitation) make these glasswashers the most silent in their class (50 DbA).



FLEXIBILITY

SILENT OPERATION

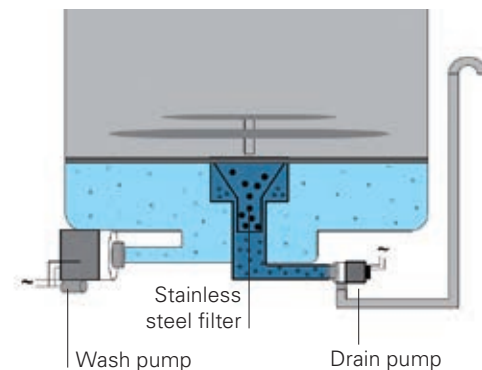
SANITISATION
According to NSF sanitisation standards, the special UltracleanPro function - patented - activates a special sanitisation cycle subjecting the dishes to a prolonged heat treatment to remove the bacterial build-up. The plate surface remains at 70°C for at least one minute, guaranteeing the best hygiene.





HYDRAULIC CIRCUIT EFFICIENCY

The Water Level Check (WLC) system ensures a steady flow of water and optimises pump operation. This keeps the water level in the tank under control, prevents cavitation and simultaneously ensures absolutely silent operation.



TOP WASH PERFORMANCE

DYNAMIC FILTERING SYSTEM

The combined action of the three-stage filtering system - patent pending - and the drain pump enables the flow of dirty water to be separated and kept at the bottom of the tank until the end of the wash cycle when it is discharged. In this way all of the clean rinse water remains in the tank.

A three-stage water filtering system allows the collection of any residue in the central basket, which can be emptied at any time.



300 mm



MULTI-PURPOSE With a useful height of 300 mm, these glasswashers enable the easy loading of any type of glass into the basket.



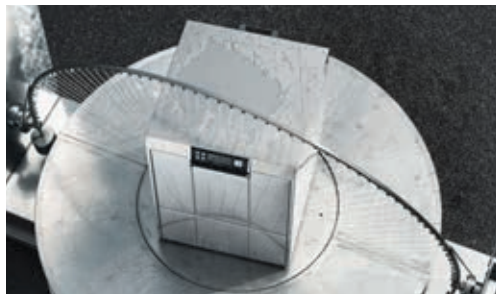
HIGH VERSATILITY

GUARANTEED HYGIENE

COUNTERBALANCED DOOR The counterbalanced door and an ergonomic handle make it easy to open and close the glass and dishwashers.



All Smeg professional glass and dishwashers can be installed in any environment: a series of technical solutions and the best materials guarantee absolute safety, even when steam or water is present.



SELF-DIAGNOSTICS

A modern self-diagnostic system signals any faults and enables targeted action by the technician.

RATIONALISATION OF SPARE PARTS

Many components are common to all Smeg glass and dishwashers, which makes spare part management and retrieval by technical service easier.

INFRARED COMMUNICATIONS PORT

The infrared communications port allows the downloading of operating data, the last 10 error messages and the updating of the control and self-diagnostics software via a computer. This operation is useful for improving and maintaining dishwasher performance.

<p>SAFETY STANDARDS: IPX4</p>	<p>In compliance with the CEI EN 60529 standard, careful design has ensured IPX4 certification, the highest degree of waterproof protection in Smeg glass and dishwashers. In addition, all Smeg glass and dishwashers conform to the most rigorous IEC construction and safety standards.</p>	<p>350,000 OPEN/CLOSE CYCLES TESTED</p> <p>STAINLESS STEEL</p> <p>ANTI-BACKFLOW DEVICE</p>	<p>The door hinges and opening system have undergone thorough fatigue testing that guarantees maximum robustness and strength.</p> <p>The tank, wash arms, rinse arms, as well as the bodywork and the back panel are made entirely of AISI 304 stainless steel to guarantee a longer life.</p> <p>The anti-backflow device conforms to European directives and prevents the dirty water from flowing back into the mains water supply in the event of a pressure drop.</p>
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RENGTH RELIABILITY

ACCESSIBILITY OF COMPONENTS

All components are positioned so that they may be easily accessed by the operators.



The drain pump can easily be inspected through a door positioned in the tank allowing fast cleaning without the need for the assistance of technical staff.

**SMEG REVERSE OSMOSIS
TREATMENT UNIT**
ELIMINATES SALTS, ORGANIC
SUBSTANCES AND BACTERIA FOR
OUTSTANDING HYGIENE AND
SPARKLE

The reverse osmosis treatment unit produces demineralised and purified water from which 99% of the salts, organic substances and bacteria have been eliminated. The reverse osmosis treatment unit is equipped with flow and pressure control devices, a membrane flushing circuit and an electronic control panel with conductivity sensor that constantly monitors the water quality.



Using the reverse osmosis unit prevents impurities from depositing on the surface of the glasses and dishes so that they no longer need to be polished after drying.



**SMEG WATER
SOFTENER**
REMOVES CALCIUM
AND MAGNESIUM

The Smeg water softener treats water by passing it through a bed of resins where calcium and magnesium salts are removed.



I N T E G R A T E D W A S H S Y S T E M

AS WELL AS MODELS WITH INTEGRATED WATER SOFTENER, SMEG OFFERS SPECIFIC ACCESSORIES DEDICATED TO WATER TREATMENT.

The use of a mains water treatment system makes it possible to remove agents that compromise the wash result by causing halos on cutlery and glassware and leaving scale deposits inside the machine, thus lowering the efficiency of the heating elements and increasing electrical energy consumption.

This purification system reduces detergent and rinse aid costs by up to 70%, since consumption of these agents depends largely on the hardness of the water.



ACCESSORIES

BASKETS IN FILLED POLYPROPYLENE

Universal flat-bottomed basket

PB40G01

dimensions 400 x 400 mm



Cutlery baskets

PHOOS01

Single-compartment

PHOOS02

Six-compartment

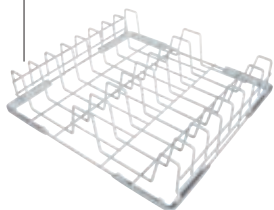


BASKETS IN RILSAN-COATED WIRE

Basket for plates

WB40D01

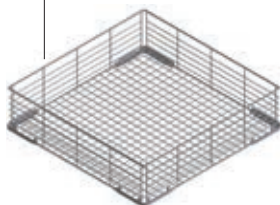
For 8 items of 315 mm Ø
dimensions 400 x 400 mm



Universal flat-bottomed coarse-mesh basket

WB40G01

dimensions 400 x 400 mm

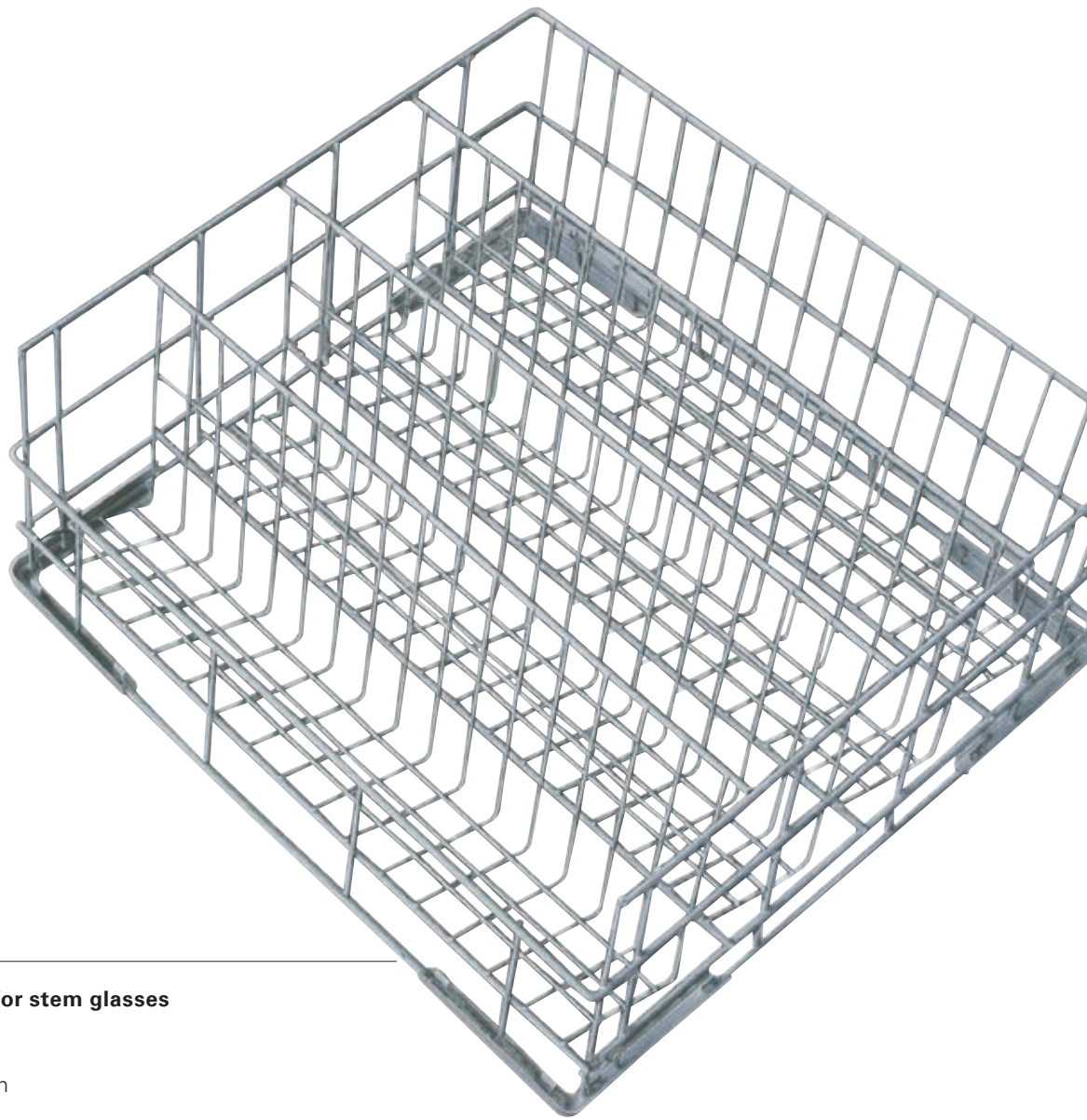


STAND

WP01

dimensions WxDxH
500 x 500 x 490 mm





Angled-bottom basket for stem glasses
max. 90 mm Ø
WB40G02
dimensions 400 x 400 mm



TECHNICAL DATA

	GREENLINE	
	CWG430DE	CWG430SDE
Control type	electronic	electronic
Basket dimensions (mm)	400x400	400x400
Baskets/hour	60/40/30/24	60/40/30/24
Programmes	6	6
Glass cycle	•	•
ULTRA CLEAN PRO cycle	•	•
Standby function	•	•
HTR system	•	•
Soft start	•	•
Automatic tank washing on drain down	•	•
Filter sensor	•	•
Wash arms	2 - AISI 304 stainless steel	2 - AISI 304 stainless steel
Rinse arms	2 - AISI 304 stainless steel	2 - AISI 304 stainless steel
Integral water softener	-	•
DHR heat exchanger	•	•
Drain system (integrated pump and filter)	•	•
Rinse pump	•	•
Thermal-acoustic insulation	door/wash chamber/bodywork	door/wash chamber/bodywork
Insulated boiler	•	•
Double skinned tank	•	•
Double skinned door	•	•
Rinse aid dispenser	peristaltic	peristaltic
Detergent dispenser	peristaltic	peristaltic
Doing control	electronic	electronic
Non-return valve	•	•
WRAS approved	N/A	N/A
Useable loading height (mm)	300	300
Baskets provided	1 x WB40G01 1 x WB40G02 1 x PHOOS02	1 x WB40G01 1 x WB40G02 1 x PHOOS02
Wash tank capacity (litres)	7	7
Boiler capacity (litres)	4	4
Rinse water consumption per cycle (litres)	2.2	2.2
Power supply/ Electrical connection / Total power installed	400V 50 Hz 3N/ 4.8 kW 230V 50Hz 1N/ 3.3 kW 230V 50Hz 1N/1.8 kW*	400V 50 Hz 3N/ 4.8 kW 230V 50Hz 1N/ 3.3 kW 230V 50Hz 1N/1.8 kW*
Boiler heating element (Kw)	4.5	4.5
Tank heating element (Kw)	0.8	0.8
Wash pump (Kw)	0.3	0.3
Outside dimensions W x D x H (mm)	488x580x705	488x580x705
Min/max inlet water pressure (bar)	1 - 6	1 - 6
Weight (kg - net / gross)	57/63	60/66

* default factory setting

WATER TREATMENT SYSTEM

	SOFTENER WS02E Electronic*
Maximum intake water hardness (°F)	60
Hourly production (l/h)	1600
Water accumulation tank capacity	-
Max. intake water temperature (°C)	60
Min/max intake water pressure (bar)	1 / 10
Output mixer valve	
Conductivity sensor	-
Regeneration cycle	Automatic
Output water conductivity (µS/cm)	-
Inlet water pretreatment	-
Outside dimensions WxDxH (mm)	318x372x548
Power supply / Total power installed (kW)	230V, 50Hz single-phase / 0.03

* Integrated resin disinfection system (Law Decree 443/90)

**Production and conductivity depend on the chemical characteristics of the inlet water and the membrane state (blocked/unblocked)

*** WO-04, Expansion tank usable capacity 8 Lt/ WO-03, Expansion tank usable capacity 6 Lt

PROFESSIONAL GLASSWASHERS

	TO P L I N E	
	CWG420D	CWG420SD
Control type	electronic	electronic
Basket dimensions (mm)	400x400	400x400
Baskets/hour	60/40/30/24	60/40/30/24
Programmes	6	6
Glass cycle	•	•
ULTRA CLEAN PRO cycle	•	•
Standby function	•	•
HTR system	•	•
Soft start	•	•
Automatic tank washing on drain down	•	•
Filter sensor	•	•
Wash arms	2 - AISI 304 stainless steel	2 - AISI 304 stainless steel
Rinse arms	2 - AISI 304 stainless steel	2 - AISI 304 stainless steel
Integral water softener	-	•
DHR heat exchanger	-	-
Drain system (integrated pump and filter)	•	•
Rinse pump	•	•
Thermal-acoustic insulation	door/wash chamber	door/wash chamber/bodywork
Insulated boiler	•	•
Double skinned tank	•	•
Double skinned door	•	•
Rinse aid dispenser	peristaltic	peristaltic
Detergent dispenser	peristaltic	peristaltic
Doing control	electronic	electronic
Non-return valve	•	•
WRAS approved	N/A	N/A
Useable loading height (mm)	300	300
Baskets provided	2 x PB40G01 1 x PH00S02	2 x PB40G01 1 x PH00S02
Wash tank capacity (litres)	7	7
Boiler capacity (litres)	4	4
Rinse water consumption per cycle (litres)	2.2	2.2
Power supply/ Electrical connection / Total power installed	400V 50 Hz 3N/ 4.8 kW 230V 50Hz 1N/ 3.3 kW 230V 50Hz 1N/1.8 kW*	400V 50 Hz 3N/ 4.8 kW 230V 50Hz 1N/ 3.3 kW 230V 50Hz 1N/1.8 kW*
Boiler heating element (Kw)	4.5	4.5
Tank heating element (Kw)	0.8	0.8
Wash pump (Kw)	0.3	0.3
Outside dimensions W x D x H (mm)	488x530x705	488x530x705
Min/max inlet water pressure (bar)	1 - 6	1 - 6
Weight (kg - net / gross)	46/52	49/55

* default factory setting

REVERSE OSMOSIS TREATMENT UNITS

W0-01	W0-04	W0-03	W0-02
40	40	40	40
150 **	80 / 120 **	60 / 80 **	100 **
30	24 ***	18 ***	-
30	30	30	30
1.5 / 6	1.5 / 6	1.5 / 6	1.5 / 6
-	-	-	-
-	-	-	-
5-30 **	5-30 **	5-30 **	5-30 **
Active carbon filters	Active carbon filters	Active carbon filters	Active carbon filters
376x600x814	300x462x688	275x500x460	424x120x472
230V, 50Hz single-phase / 0.45	230V, 50Hz single-phase / 0.25	230V, 50Hz monofase / 0.15	230V, 50Hz single-phase / 0.15

CONTINUOUS RESEARCH

Smeg has always designed and manufactured excellent products offering the best performance





UNI EN ISO 9001
9130-Smeg



UNI EN ISO 14001
9191-SME2



OHSAS 18001
9192-SME3



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GREENLINE



TOPLINE