

# UG425DSH

<b>Product Family</b>	Dishwasher
<b>Subfamily</b>	Undercounter glasswashers
<b>Basket dimensions</b>	400x400 mm
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>SHR system</b>	Yes



## Accessories Included

<b>Glass basket</b>	WB40G02	<b>Water supply pipe</b>	Yes - 1.5m
<b>Cutlery basket</b>	PHOOS01	<b>Drain pipe</b>	Yes - 2m
<b>Flat basket</b>	WB40G01		

## Target

<b>Potential users</b>	Bars/Cafes; Restaurants/Catering
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## Programmes

<b>Programs</b>	8 automatic programs; 1 fully programmable program; Self-cleaning programs; Cold water rinse program
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program specifications</b>	Boiler 24°C/Tank 60°C-4'; Boiler 71°C/Tank 60°C-50"; Boiler 71°C/Tank 60°C-60"; Boiler 71°C/Tank 60°C-1'10"; Boiler 71°C/Tank 60°C-2'10"; Boiler 85°C/Tank 60°C-1'10"; Boiler 85°C/Tank 60°C-2'; Boiler 85°C/Tank 60°C-4'
<b>Maximum baskets/hour</b>	72
<b>Maximum plates/hour</b>	1152
<b>Maximum glasses/hour</b>	960

## Interface

<b>Display</b>	TFT	<b>Low detergent alert</b>	Yes
<b>Number of buttons</b>	5	<b>Cycle progress indicator</b>	Yes

<b>On/off indicator</b>	Yes	<b>End of cycle indicator</b>	Yes
<b>Salt light indicator</b>	Yes	<b>Manual diagnostics</b>	Yes
<b>Low rinse aid alert</b>	Yes		

## Construction

<b>Tank Construction</b>	Deep drawn Double wall	<b>Rack guides</b>	Embossed
<b>Tank material</b>	Stainless steel AISI 304	<b>Hood elevation system</b>	Manual
<b>Back panel</b>	Galvanized	<b>Filter</b>	5-stages filter system
<b>Counter balanced door</b>	Yes	<b>Wash tank capacity</b>	7 l
<b>Upper washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Boiler capacity</b>	4 l
<b>Lower washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Noise level</b>	Lpa 56 dBA
<b>Tank filter</b>	Stainless steel	<b>Protection class</b>	IPX4
<b>Door gasket</b>	On 3 sides	<b>Adjustable feet</b>	Yes
		<b>Drain max. height</b>	600 mm

## Technical Features

<b>Tank heating element power</b>	2000 W	<b>Water inlet pressure</b>	1-6 bar / 100-600 kPa
<b>Boiler heating element power</b>	4500 W	<b>Detergent flow rate</b>	1.5 l/h
<b>Wash pump power</b>	290 W	<b>Rinse aid flow rate</b>	0.4 l/h
<b>Default connection</b>	4800 W	<b>Usable load height</b>	300 mm
<b>Water consumption per cycle</b>	2,3 l	<b>Depth with door open</b>	850 mm
<b>Minimum water consumption per cycle</b>	1,8 l	<b>Maximum plate diameter</b>	300 mm
<b>Warm water connection</b>	8°C	<b>Maximum glass height</b>	300 mm
<b>Max. inlet temperature</b>	60°C	<b>Dimensions</b>	460x600x705 mm
<b>Max water hardness</b>	54°f - 30°dH		

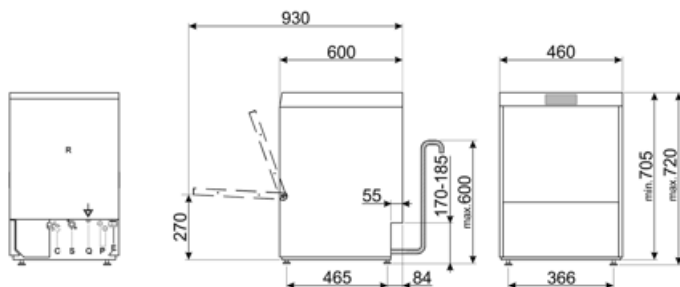
## Electrical Connection

<b>Default power supply</b>	400 V 3N~ / 10 A / 4,8 kW / 50 Hz	<b>Electrical connection options</b>	230 V 3~ / 13 A / 4,8 kW / 50 Hz; 230 V~ / 11 A / 2,5 kW / 50 Hz; 230 V~ / 10 A / 2,3 kW / 50 Hz; 230 V~ / 15 A / 3,3 kW / 50 Hz; 230 V~ / 21 A / 4,8 kW / 50 Hz
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## Equipment

<b>Drain pump</b>	Yes	<b>Stand-by system</b>	Yes
<b>Peristaltic detergent dispenser</b>	Yes, electronic control		

<b>Peristaltic rinse-aid dispenser</b>	Yes, electronic control	<b>Option for auto daily switch on</b>	Yes
<b>Chemical level probe</b>	Yes, optional KITSONLIV		
<b>Integral continuous water softener</b>	Yes	<b>Break tank</b>	Yes
<b>Rinse boiler Thermostop system</b>	Yes - default	<b>Partial water exchange in the wash tank via built-in drain pump</b>	Yes
<b>Wash tank Thermostop system</b>	Yes	<b>Water supply pipe diameter</b>	DN10 - 3/8"
<b>Wash pump soft start system</b>	Yes	<b>Drain supply pipe diameter</b>	21.5 mm
		<b>Detergent (red) hose length</b>	Yes, manual
		<b>Rinse aid (blue) hose length</b>	Yes, manual



O	MORSETTO EQUIPOTENZIALE EARTH TERMINAL
E	CAVO ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE
C	TUBO DI CARICO FILLER HOSE
P	TUBI POMPE PERISTALTICHE PERISTALTIC HOSES
T	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO EXTERNAL DISPENSER POWER CABLE ENTRY POINT
U	TUBO DI SCARICO DRAIN HOSE
R	PANNELLO RETRO LOWER BACK PANEL

## Compatible Accessories



### KITDETKCC400

Kit for detergent (1l) and rinse storage (1l) for dishwashers 400x400



### PHOGR4

Glass basket for 400x400 glasswashers



### PHOOS02

Basket in polypropylene for cutlery with 6 compartments



### RB40A3

Adapter for round basket



### WB40D01

Wire basket for 8 dishes 400x400



### WB40G02

Wire basket for 8 glasses, max diameter 90mm, inclined bottom 400x400



### WB40PG4

Wire basket for plastic glasses, dim. (WxDxH) 400X400X210 mm



### WS4

Underframe for glasswasher 400mm



### KITSONLIV

Probe level kit



### PHOOS01

Single basket in polypropylene for cutlery



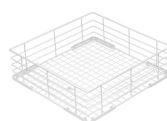
### RB40A2

Adapter for round basket



### RB40G01

Universal wire basket with flat base 400



### WB40G01

Universal wire basket with flat bottom 400x400



### WB40G03

Wire basket for 8 glasses, inclined bottom, 4-row 400x400



### WH00S01

Wire insert for 12 small dishes

## Symbols glossary

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HTR rinsing system



5 STAGE FILTER



MAX. LOAD HEIGHT 300mm

## Benefit

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### Balanced door

Effortless opening and closing

Effortless opening and closing

The counterbalanced door is designed to ensure smooth and effortless opening and closing, providing high user convenience. Additionally, it can be locked in a halfway position, a particularly useful feature for promoting natural drying at the end of the workday, enhancing overall hygiene and preventing the buildup of residual moisture.

### 5-stage system

Deep cleaning and spotless washes with the patented filtration system

The innovative Smeg filtration system consists of 5 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd and 3rd stages, finer particles are captured at this filtration stage; the 4th stage features a pre-filtration grid to prevent debris from entering the tank and clouding the water. Finally, the last stage is designed to further protect the washing and draining pumps from any debris that may accidentally enter the tank during filter cleaning.

The presence sensor filter alerts if the filtration system is out of position, ensuring safe washes every time.

### HTR System

Consistent temperatures and pressures for uniform and effective dishwashing

Thanks to the HTR system (High Temperature Rinse) and the presence of the atmospheric boiler combined with the Thermostop, the cold inlet water does not enter the boiler during rinsing, ensuring a constant temperature of 85°C. The HTR system keeps the water hot for deep sanitisation and quick drying, ensuring constant pressure for uniform and effective cleaning.

### SHR+ System

Steam heat recovery system for energy savings and improved work environment quality

SHR+ System: guaranteed savings and comfort

The SHR+ System eliminates 100% of the steam produced during the rinse phase, improving air quality and reducing humidity in work environments. Additionally, it recovers energy from the condensed steam, ensuring up to 25% energy savings and eliminating the costs associated with an external extraction system.

### Moulded tank

Superior washing performance and enhanced cleaning convenience with molded tub bottoms and basket guides

Smeg dishwashers are designed with moulded tank and basket guides. The absence of sharp edges ensures an optimised wash flow, guaranteeing hygiene and impeccable cleaning performance. Furthermore, this innovative design simplifies machine cleaning, reducing the need for maintenance interventions.

### **Integrated softener**

Effective water treatment for consistently sparkling glasses

The integrated continuous regeneration water softener ensures effective water treatment, enhancing washing performance and preserving the machine's operational lifespan. The resin regeneration process takes place during the wash cycle without interruptions, providing constant control over water hardness. This system prevents limescale buildup, maximises detergent efficiency, and guarantees spotless results on glassware and dishes.

### **Integral double skin**

Thermal and acoustic insulation guaranteed

The double wall is designed to optimise energy efficiency by reducing heat loss and accelerating water heating, resulting in lower energy consumption and faster cycle start-up times. Additionally, it provides effective acoustic insulation, helping to reduce noise and ensuring a quieter, more comfortable working environment for the staff.

### **Drain pump**

Partial water replacement during the wash cycle for clean and hygienic dishes

The standard drain pump, equipped with a partial water exchange system, ensures that the dirtiest water is automatically removed at every wash cycle. This mechanism allows for continuous renewal of the water used, ensuring that each phase of the washing process is carried out with clean water. The result is optimal dishwashing performance, with outstanding efficiency and an impeccable level of hygiene.

### **Soft-start system**

Effective management of the washing pump to protect your glassware

The Soft-Start function initiates the wash cycle gently and gradually, progressively increasing the water pressure. This system has been designed to provide optimal protection for the most fragile items, such as crystal glasses, significantly reducing the risk of chipping or damage. At the same time, it ensures excellent cleaning performance, combining efficiency and safety in every wash cycle.

### **Hood lift**

Unprecedented comfort with the patented lifting system

The new ergonomic handle, combined with the patented lifting system, minimises the effort required to open and close the hood, limiting it to just 2.5 kg. This system ensures an exceptionally smooth and lightweight operation, helping to protect the operator's health and well-being, even during extended use.