

# UG415DS-1

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>Família</b>            | Máquina de lavar louça profissional |
| <b>Subfamília</b>         | Undercounter glasswashers           |
| <b>Dimensões do cesto</b> | 400x400 mm                          |
| <b>Rinse pump</b>         | HTR system                          |
| <b>Wash pump</b>          | Standard                            |
| <b>Ligação energética</b> | 400 V 3N~ / 10 A / 5,2 kW /50 Hz    |



## Mercado

|                 |  |
|-----------------|--|
| <b>Soluções</b> | Bares/ Coffee shops/ Wine bars; Restaurantes/ Pubs |
|-----------------|--|

## Design

|               |          |                     |       |
|---------------|----------|---------------------|-------|
| <b>Design</b> | Easyline | <b>Cor dos LEDs</b> | Verde |
|---------------|----------|---------------------|-------|

## Especificações técnicas

|  |                       |                                      |                |
|--|-----------------------|--------------------------------------|----------------|
| <b>Water consumption per cycle</b>                 | 2,3 l                 | <b>Carga de enxaguamento</b>         | 0,4 l/h        |
| <b>Temperatura pré-definida de ligação da água</b> | 5°C                   | <b>Altura de carga operável</b>      | 315 mm         |
| <b>Max. inlet temperature</b>                      | 60°C                  | <b>Profundidade com porta aberta</b> | 930 mm         |
| <b>Dureza máxima da água</b>                       | 54°f - 30°dH          | <b>Diâmetro máximo dos pratos</b>    | 300 mm         |
| <b>Pressão de entrada</b>                          | 1-6 bar / 100-600 kPa | <b>Diâmetro máximo dos copos</b>     | 300 mm         |
| <b>Carga de detergente</b>                         | 1,5 l/h               | <b>Dimensões de produto LxPxA:</b>   | 460x600x705 mm |

## Programas

|                        |  |
|------------------------|--|
| <b>Programs</b>        | 6 automatic programs; 1 fully customizable program; Self-cleaning programs; Cold water rinse program |
| <b>Program options</b> | Extra rinse; Clean water cycle   |

|                              |     |
|------------------------------|-----|
| Numero máximo de cestos/hora | 51  |
| Numero máximo de pratos/hora | 576 |
| Numero máximo de copos/hora  | 960 |

## Ligação elétrica

|                              |        |                            |   |
|------------------------------|--------|----------------------------|---|
| Tank heating element power   | 2000 W | Ligação pré-definida       | 4800 W  |
| Boiler heating element power | 4300 W | Ligação eléctrica opcional | 230 V~ / 11 A / 2,5 kW / 50 Hz; 230 V 3~ / 18 A / 5,2 kW / 50 Hz; 230 V~ / 14 A / 3.2 kW / 50 Hz ; 230 V~ / 17 A / 3.8 kW / 50 Hz |
| Wash pump power              | 300 W  |                            |   |

## Interface

|                                  |           |                               |     |
|----------------------------------|-----------|-------------------------------|-----|
| Display                          | 8 dígitos | Alerta de falta de detergente | Sim |
| Numero de botões                 | 5         | Indicador da fase do programa | Sim |
| Luz indicadora On/Off            | Sim       | Indicador de fim do programa  | Sim |
| Luz indicadora de falta de sal   | Sim       | Diagnóstico manual            | Sim |
| Alerta de falta de abrillantador | Sim       |                               |     |

## ESPECIFICAÇÕES TÉCNICAS

|                             |  |                         |                       |
|-----------------------------|--|-------------------------|-----------------------|
| Tank                        | Pofundo  | Guias dos cestos        | Embutidas             |
| Tipologia                   | Parede dupla   | Hood elevation system   | Manual                |
| Material da cuba            | Aço Inox AISI 304  | Filter                  | 5-stage filter system |
| Painel traseiro             | Porta galvanizada  | Capacidade da cuba      | 7 l                   |
| Porta equilibrada           | Sim  | Capacidade da caldeira  | 4 l                   |
| Sistema de lavagem superior | One wash and one split rinse spray arms, stainless steel | Ruído                   | Lpa 56 dBA            |
| Sistema de lavagem inferior | One wash and one split rinse spray arms, stainless steel | Classe de Proteção      | IPX4                  |
| Filtro da cuba              | Aço inox   | Adjustable feet         | Sim                   |
| Junta da porta              | Em 3 lados   | Altura max. de drenagem | 600 mm                |

## Acessórios incluídos

|                      |            |                                    |            |
|----------------------|------------|------------------------------------|------------|
| Cesto para copos     | 1x WB40G02 | Mangueira de abastecimento de água | Sim - 1,5m |
| Cesto para talheres  | 1x PHOOS01 | Mangueira de drenagem              | Sim - 2m   |
| Cesto de fundo plano | 1x WB40G01 |                                    |            |

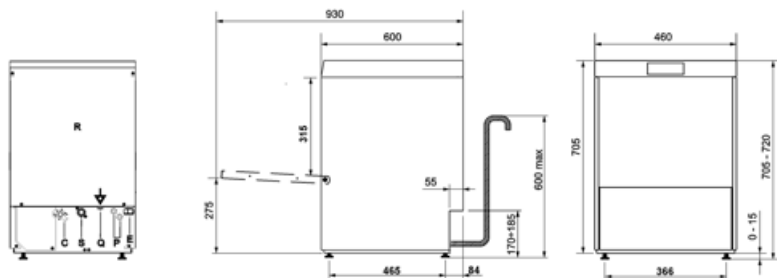
## Equipamentos

|                   |     |                                 |                              |
|-------------------|-----|---------------------------------|------------------------------|
| Bomba de drenagem | Sim | Option for auto daily switch on | Sim, desligado por definição |
|-------------------|-----|---------------------------------|------------------------------|

|                                  |                         |   |             |
|----------------------------------|-------------------------|---|-------------|
| Peristaltic detergent dispenser  | Controlo electrónico    | Contador de ciclos  | Sim         |
| Peristaltic rinse-aid dispenser  | Controlo electrónico    | Break tank  | Sim         |
| Sonda de nível químico           | Sim, opcional KITSONLIV | Renovação parcial da água na cuba e bomba de drenagem integrada | Sim         |
| Amaciador automático incorporado | Sim                     | Diâmetro do tudo de abastecimento de água                       | DN10 - 3/8" |
| Rinse boiler Thermostop system   | Yes - default           | Ø do tubo de drenagem   | DN20-G 3/4" |
| Wash tank Thermostop system      | Sim                     | Comprimento da mangueira de detergente (vermelha)               | 2,2m        |
| Wash pump soft start system      | Sim                     | Comprimento da mangueira de enxaguamento (azul)                 | 2,2m        |
| Stand-by system                  | Sim                     |   |             |

## Dados de logística

|                                |        |                                    |             |
|--------------------------------|--------|------------------------------------|-------------|
| Largura da embalagem (mm)      | 515 mm | Dimensões do produto embalado (mm) | 850X515X710 |
| Profundidade da embalagem (mm) | 710 mm | Peso líquido (kg)                  | 47,000 kg   |
| Altura da embalagem (mm)       | 850 mm | Peso bruto (kg)                    | 53,000      |



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

## Acessórios Compatíveis



### KITDETKCC400

Kit for detergent (1l) and rinse aid (1l) storage for double wall models



### PB40C02

Universal flat bottom polypropylene double basket, dim. (WxDxH) 400x400x227 mm



### PHOOS01

Polypropylene single basket for cutlery



### RB40G01

Universal wire basket with flat bottom, dim. (ØxH) 400x140 mm



### WB40G01

Universal wire basket with flat bottom, dim (WxDxH) 400x400x120 mm



### WB40G03

Sloped bottom 3 compartments wire basket for glasses Ø120 mm max, dim. (WxDxH) 400x400x168 mm



### WH00S01

Wire insert for 12 small dishes



### KITSONLIV

Probe level kit



### PHOGR4

Glass insert for 400x400 mm basket



### PHOOS02

6 compartment polypropylene basket for cutlery



### WB40D01

Wire basket for 8 dishes Ø315 mm, dim. 400x400 mm



### WB40G02

Wire basket with sloped bottom for glasses Ø90 mm max, dim. (WxDxH) 400x400x168 mm



### WB40PG4

Wire basket for plastic glasses, dim. (WxDxH) 400x400x210 mm



### WS4

Stainless steel underframe for glasswashers, dim. (WxDxH) 495x530x490 mm

## Symbols glossary

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HTR RINSING SYSTEM



5 STAGE FILTER



Max usable height 315mm

## Benefit (TT)

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### Balanced door

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.

### 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-skin design of undercounter dishwashers is engineered to optimise energy efficiency by minimising heat loss and accelerating water heating, resulting in lower energy consumption and faster start-up times. Additionally, it provides effective sound insulation, helping to reduce noise levels and ensuring a quieter, more comfortable working environment for 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.