

FD516DAUS

SPECIAL LINE **ELEVATED MULTIPURPOSE** FULLY INSULATED DISHWASHER - **THREE PHASE (15 AMP OPTIONAL)**

500x500 mm basket



GUARANTEED WASH PERFORMANCE

In commercial dishwashers, the rinse is the most important part of the wash cycle, as it is the only one performed with clean water. This is the reason why, at Smeg, we believe all commercial dishwashers must have **a rinse pump on board**, the only way to guarantee that optimal and constant pressure and temperature are maintained throughout the rinse cycle.

WE BELIEVE IN OUR QUALITY

All dishwashers are manufactured in our state of the art factory in Italy, where we monitor all phases of design, engineering and production.

PRODUCT FEATURES

- **1350mm total height, avoiding the need to bend**
- **Lower compartment availability 560Wx320H**
- **In addition to the use of 500x500mm baskets, ability to wash up to 8 x 600x400 trays or 1 x 600x400 box (350mm max height)**
- Usable loading depth 605mm
- Grid and tray basket included
- Double skin construction in AISI 304 stainless steel
- Moulded wash tank, rack guides and door
- Counterbalanced door with spring assisted hinges, full surround door gasket and no supporting rods
- **HTR (High Temperature Rinse) system with atmospheric boiler and rinse pump**
- 2.5 litres water rinse cycle
- Over 22% water exchange every cycle
- Drain pump with triple stage dynamic filtration system
- **Door opening height: 415mm**
- Upper and lower wash and rinse arms in AISI 304 stainless steel
- Full size tank filter with removable basket, all in AISI 304 stainless steel
- Electronic controls with 5 wash programs
- Shortest wash program 90 seconds
- Soft start wash pump
- Automatic self-cleaning cycle
- Shutoff at the end of drain cycle
- Thermostop system to ensure correct rinse temperature
- Adjustable peristaltic pumps for detergent and rinse-aid injection
- Self-diagnostic system with error messages
- **Electrical connection: Three phase - 7kW (Standard) / Single phase, 15 Amp (optional). Turn to page 2 for more information.**
- **24 months parts and labour warranty**

ACCESSORIES

- PB50D01 - 500x500mm basket. 18-plate Ø250mm
- PB50G01 - 500x500mm flat-bottomed basket
- WB50D01 - Wire basket. 18-plate Ø250mm
- WB50G01 - Wide-mesh wire basket with flat bottom
- WB50G02 - Wire basket with inclined bottom for stem glasses max Ø90mm
- WB50G03 - Wire basket with inclined bottom for stem glasses max Ø72mm
- WB50G04 - Wire basket with inclined bottom for stem glasses max Ø120mm
- WB50T02 - Wire basket for 7 GN1/1 20mm deep baking rins
- WB50T03 - Wire basket for GN1/1 60mm deep

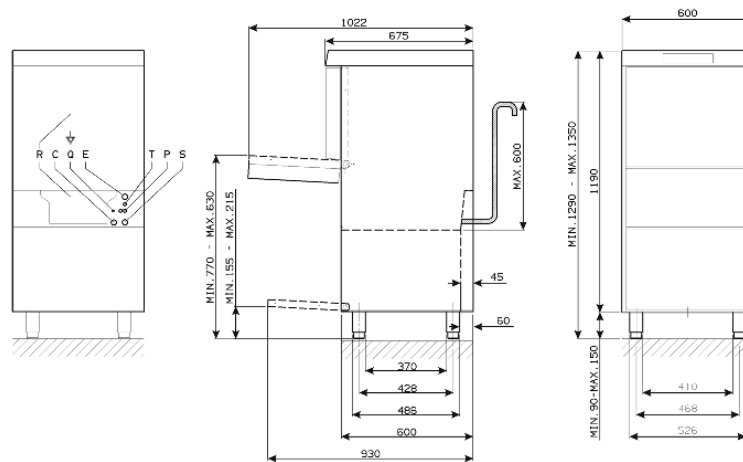
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TECHNICAL SPECIFICATIONS

| | | | |
|---|--------------------------------|--------------------------------------|---|
| Dimensions (mm) (WxDxH) | 600x680x1350 | Minimum supply pressure (bar) | 2.5 |
| Basket (mm) | 500x500 | Drain pump | Yes |
| Door clearance (mm) | 415 | Rinse aid pump | Peristaltic |
| Type of interface | electronic | Detergent pump | Peristaltic |
| Door/hood structure | double skinned insulated | Programme Short Wash (sec) | 90* |
| Supplied water temperature (°C) | From cold to 60° | Special programmes | Total renewal of the water inside the tank Extra rinse Self-cleaning |
| Tank volume (litres) | 11 | Thermostop | Yes |
| Tank heating element (W) | 2,000 | Total power (W) | 7.0 kW (Three phase option) |
| Filtering system | Tank filter + selective filter | Electrical connection | Standard: 400V 3N~/13A/7.0kW/50Hz Optional: 230V~/13A/3.0kW/50Hz 230V~/18A/4.0kW/50Hz 230V~/22A/5.0kW/50Hz |
| Boiler volume (litres) | 6 | Basket number | |
| Boiler heating element (W) | 2,000 - 4,000 - 6,000 | dishes | 1 x PB50D01 |
| Wash pump (W) | 680 | universal / glasses | 1 x PB50G01 |
| Tank temperature (°C) | 60° | cutlery | 1 x PHOOS02 |
| Rinse pump | Yes | grid | 1 x PRF500 |
| Rinse temperature (°C) | 85° | tray basket | 1 X WB50T03 |
| Adjustable temperatures | Yes | | |
| Water consumption (litres/cycle) | 2.5 | | |



CONNECTION WIRING DIAGRAM KEY

| | |
|---|------------------|
| R | LOWER BACK PANEL |
| C | FILLER HOSE |
| S | DRAIN HOSE |
| Q | EARTH TERMINAL |

| | |
|---|---|
| P | PERISTALTIC PUMP HOSES |
| E | ELECTRICITY SUPPLY CABLE |
| T | EXTERNAL DISPENSER POWER SUPPLY CABLE ENTRY POINT |

* Supplied water temperature >50°C and <60°C and three-phase electrical connection whenever possible.

* Indicative wash times



UNI EN ISO 9001
9130-Smeg

UNI EN ISO 14001
9191-SME2

DHSAS 18001
9192-SME3