

FD516DAUS

Family	Dishwasher
Subfamily	Undercounter traywasher
Type	Undercounter Glasswasher
Basket dimensions	500x500 mm
Rinse pump	Yes
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 6,73 kW / 50 Hz



Distribution

Solutions	Hotels; Restaurants/Catering; Bakery/Pastry making; Industrial pastry&bakery laboratories; Butcher's shops; Meat processing industry; Schools; QSR
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Aesthetics

Serie	Easyline	Led color	Green
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Technical Features

Trays washing option	Yes	Detergent load	Yes, manual
Water consumption per cycle	3,2 l	Rinse load	Yes, manual
Minimum water consumption per cycle	1,8 l	Usable load height	400 mm
Water inlet	8°C	Depth with open door	1290 mm
Max. inlet temperature	60°C	Maximum dishes diameter	415 mm
Max water hardness	12°f - 7°dH	Product dimensions WxDxH	600x675x1315 mm
Water inlet	Cold 15°C		

Programs

Programs	6 automatic programs; 1 fully programmable program; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Maximum basket/hour	60
Maximum dishes/hour	1080

Electrical Connection

Plug	Australian 13 AMP	Wash pump power	730 W
Tank heating element power	2000 W	Default connection	6730 W
Boiler heating element power	6000 W	Electrical connection option	230 V~ / 13 A / 3,0 kW / 50 Hz; 230 V~ / 18 A / 4,0 kW / 50 Hz; 230 V~ / 22 A / 5,0 kW / 50 Hz

Interface

Display	8 digit	Cycle progress alert	Yes
On/Off button	Yes	End-cycle alert	Yes
Rinse aid missing alert	Yes	Manual diagnostic	Yes
Detergent missing alert	Yes		

Construction

Tank Construction	Deep drawn Double wall	Rack guides	Embossed
Tank material	Stainless steel AISI 304	Hood elevation system	Manual
Back panel	Galvanized	Filter	5-stages filter system
Balanced door	Yes	Tank capacity	11 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler capacity	6 l
Lower washing system	One washing and one split rinse spray arms, stainless steel	Protection class	IPX4
Tank filter	Stainless steel	Adjustable feet	Yes
Door gasket	On 3 sides	Drain max. height	600 mm

Accessories Included

Flat basket	1x PB50G02	Water supply pipe	In acciaio Watermark
Grids	1 x PRF500	Drain pipe	Yes - 2m

Equipments

Drain pump	Yes	Option for auto daily switch on	Yes, default OFF
Peristaltic detergent dispenser	Yes, electronic control		

Peristaltic rinse-aid dispenser	Yes, electronic control	Cycle counter	Yes
Chemicals level probe	Yes, optional KITSONLIV	Break tank	Yes
Rinse boiler Thermostop system	Yes - default	Partial renewal of water in the tank and built-in drain pump	Yes
Wash tank Thermostop system	Yes	Water supply pipe diameter	16 mm
Wash pump soft start system	Yes	Drain supply pipe diameter	21,5 mm
Stand-by system	Yes	Peristaltic detergent doser	Yes, manual
		Peristaltic detergent doser	Yes, manual

Logistic Information

Width packed product	660 mm	Packed product dimensions	1470X660X700
Depth packed product	700 mm	Net weight	88,000 kg
Height packed product	1470 mm	Gross weight (kg)	98,000

Compatible Accessories

KITSONLIV

Probe level kit

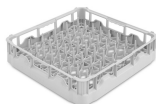


KIT-WG500

Trays holder for trays washer

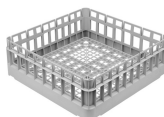
PB50D01

Basket made of polypylene for 18 plates
500x500



PB50G02

Universal basket in polypropylene
500x500



PHOOS01

Single basket in polypropylene for
cutlery



PHOOS02

Basket in polypropylene for cutlery
with 6 compartments



WB50D01

Wire basket for 18 dishes and trays
500X500



WB50T02

Wire basket for 5 trays 600x500



WB50T03

Wire basket for 5 trays 600x500



WH00S01

Wire insert for 12 small dishes



Symbols glossary



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5 STAGE FILTER



Max usable height 400mm

Benefit (TT)

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.

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.

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.

Raised version

Easy and fast dishwasher loading and unloading operations

The raised design facilitates loading and unloading dishes, making these tasks faster and more efficient. This results in significant time savings, especially valuable in high-intensity work environments.

The space below the dishwasher can be used to store detergents, utensils, or other accessories, providing a practical solution to optimise space usage, particularly in compact kitchens.

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.