

# FD516DAUS

**Family** Dishwasher

SubfamilyUndercounter GlasswasherTypeUndercounter traywasher

Basket dimensions500x500 mmControl panelElectronicRinse pumpYesWash pumpStandard

Power connection 400 V 3N~ / 12 A / 6,73 kW / 50 Hz



## Distribution

Industries Hotels; Ristoranti /

Catering; Bakeries / Pastry shops; Food Industries; Catering; Buthcher's shops; Meet processing industry;

**QSR** 

Cold 15°C

## **Aesthetics**

Serie Easyline Led color Green

## **Technical Features**

Trays washing option Yes Detergent load Yes, manual Water consumption per 3,2 l Rinse load Yes, manual cycle Usable load height 400 mm
Minimum water 1,8 l Depth with open door 1290 mm

consumption per cycle Maximum dishes 415 mm

Water inlet 8°C diameter

Max. inlet temperature 60°C Product dimensions 600x6

Max. inlet temperature 60°C Product dimensions 600x675x1315 mm Max water hardness 12°f - 7°dH WxDxH

# **Programs**

Water inlet



**Programs** 

6 automatic programs; 1 fully programmable program;

Self-cleaning programs

**Program options** 

Extra rinse; Clean water cycle

Maximum basket/hour Maximum dishes/hour

1080

**Electrical Connection** 

Tank heating element

power

2000 W

**Boiler heating element** 

6000 W

power

Wash pump power 730 W **Default connection** 

**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

6730 W

Plug Australian 13 AMP

Interface

Display On/Off button 8 digit Yes

Yes

Rinse aid missing alert

Detergent missing alert

Cycle progress alert

End-cycle alert

Manual diagnostic

Yes Yes

Yes

Construction

Tank

Deep drawn Construction Double wall

Tank material Stainless steel AISI 304

Back panel Galvanized

**Balanced door** 

Yes

Upper washing system One washing and one split

rinse spray arms, stainless

Lower washing system One washing and one split

rinse spray arms, stainless

Tank filter Stainless steel Door gasket On 3 sides

Rack guides

Hood elevation system

Filter

Tank capacity **Boiler** capacity **Protection class** Adjustable feet

Drain max. height

**Embossed** 

Manual

5-stages filter system

11 I 6 I IPX4 Yes

600 mm

**Accessories Included** 

Flat basket

Grids

1x PB50G02 1 x PRF500

Water supply pipe

Drain pipe

In acciaio Watermark

Yes - 2m

**Equipments** 

Drain pump

Yes

Option for auto daily

switch on

Yes, default OFF



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

# **Logistic Information**

Width packed product	660 mm	Packed product	1470x660x700
Depth packed product	700 mm	dimensions	
Height packed product	1470 mm	Net weight	88.000 kg
		Gross weight (kg)	98.000 kg



# **Compatible Accessories**

### **KITSONLIV**

Probe level kit



## PB50D01

Basket made of polypylene for 18 plates 500x500



#### PHOOS01

Single basket in polypropylene for cutlery



### WB50D01

Wire basket for 18 dishes and trays 500X500



#### **WB50T03**

Wire basket for 5 trays 600x500



### KIT-WG500

Trays holder for trays washer



### PB50G02

Universal basket in polypropylene 500x500



#### PHOOS02

Basket in polypropylene for cutlery with 6 compartments



### WB50T02

Wire basket for 5 trays 600x500



#### WH00S01

Wire insert for 12 small dishes





# Symbols glossary

EN

...

GN1/1



...

5 STAGE FILTER

100 400mm 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.