

SPH505HAU

Family	Dishwasher
Subfamily	Hoodtype dishwasher
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
SHR system	Yes
Power connection	400 V 3N~ / 16 A / 9,7 kW / 50 Hz



Accessories Included

Dish basket	PB50D01	Water supply pipe	In acciaio Watermark
Cutlery basket	PHOOS02	Drain pipe	Yes - 2m
Flat basket	PB50G01		

Distribution

Solutions	Bars/Cafes; Hotels; Restaurants/Catering; Schools; QSR
-----------	--

Programs

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Electronic Ecoline hoodtype
Maximum basket/hour	40
Maximum dishes/hour	720
Maximum glasses/hour	1440

Interface

Display	4 digit	On/Off button	Yes
Number of buttons	5	Manual diagnostic	Yes

Construction

Tank	Deep drawn	Hood elevation system	Manual
Construction	Single-skin hood	Filter	4-stages filter system
Tank material	Stainless steel AISI 304	Tank capacity	14 l
Back panel	Prepainted	Boiler capacity	10 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Protection class	IPX4
Lower washing system	One washing and one split rinse spray arms, stainless steel	Adjustable feet	Yes
Tank filter	Stainless steel	Drain max. height	1000 mm

Technical Features

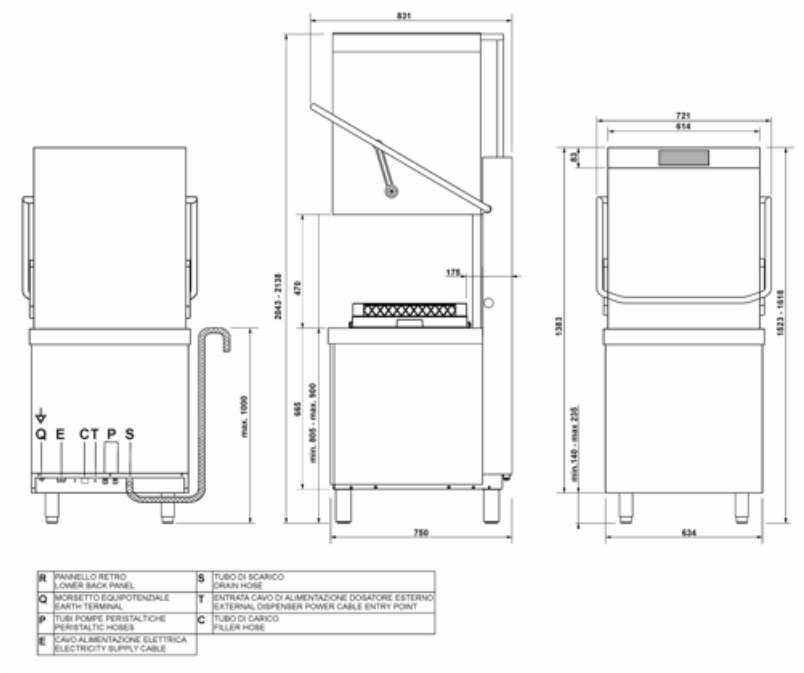
Trays washing option	Yes	Max water hardness	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	Water inlet	Cold 15°C
Water consumption per cycle	3,2 l	Detergent load	Yes, manual
Wash temperature (min-max)	58 °C	Rinse load	Yes, manual
Minimum water consumption per cycle	3,2 l	Usable load height	470 mm
Water inlet	Cold 15°C	Product dimensions WxDxH	634x750x1523 mm
Max. inlet temperature	60°C		

Electrical Connection

Tank heating element power	2200 W	Default connection	9700 W
Boiler heating element power	9000 W	Electrical connection option	230 V 3~ / 26 A / 9,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 30 A / 6,7 kW / 50 Hz
Wash pump power	700 W		

Equipments

Drain pump	Yes	Option for auto daily switch on	Yes, default OFF
Peristaltic detergent dispenser	Yes, electronic control	Cycle counter	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Break tank	Yes
Default chemicals dosing unit of measure	gr/lt	Partial renewal of water in the tank and built-in drain pump	Si
Rinse boiler Thermostop system	Yes - default	Water supply pipe diameter	16 mm
Wash tank Thermostop system	Yes	Drain supply pipe diameter	21,5 mm
Wash pump soft start system	Yes	Peristaltic detergent doser	Yes, manual
Stand-by system	Yes	Peristaltic detergent doser	Yes, manual



Compatible Accessories



KITSONLIV

Probe level kit



PB50G01

Universal basket in polypropylene
500x500



PHOOS01

Single basket in polypropylene for
cutlery



PHOOS03

Basket in polypropylene with 6
compartment for cutlery for Capote



WB50G01

Universal wire basket with flat bottom
500x500



WB50G03

Wire basket for glasses with inclined
bottom 500x500



WB50PG5

Wire basket with flat bottom for 25
plastic glasses, dim. (WxDxH)
500x500x260 mm



WH00S01

Wire insert for 12 small dishes



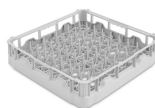
WT51200SHR

Entry table right side 1200mm



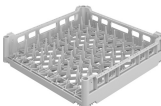
WT51200SR

Entry table right side 1200mm



PB50D01

Basket made of polypylene for 18
plates 500x500



PB50T01

Polypropylene basket for 8 trays GN
1/1 h 40 mm



PHOOS02

Basket in polypropylene for cutlery
with 6 compartments



WB50D01

Wire basket for 18 dishes and trays
500x500



WB50G02

Wire basket for glasses with inclined
bottom 500x500



WB50G04

Wire basket for glasses with inclined
bottom 500x500



WB50T02

Wire basket for 5 trays 600x500



WT51200SHL

Entry table left side 1200mm



WT51200SL

Entry table left side 1200mm



WT5700SL

Entry table left side 700mm

**WT5700SR**

Entry table right side 700mm

**WTX51200L**

Exit table left side 1200mm

**WTX5700**

Exit table both sides 700mm

**WTX5700R**

Exit table right side 700mm

**WTX51200**

Exit table both sides 1200mm

**WTX51200R**

Exit table right side 1200mm

**WTX5700L**

Exit table left side 700mm

Symbols glossary



...



...



...



...



MAX. USABLE HEIGHT 470mm



5 STAGE FILTER

Benefit (TT)

Interface

Control panel with electronic buttons

The electronic control panel features an intuitive interface with soft-touch buttons, allowing easy selection of one of the three wash programmes: short, medium, or intensive. There are also buttons for power, selection, and cycle start. The display provides real-time monitoring of the tank and boiler temperature, as well as diagnostics, ensuring effortless and immediate control of the main functions.

4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3th 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.

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.

Single-skin hood

Thermal and acoustic insulation guaranteed

The hood of the Ecoline features a single-skin structure designed to enhance energy efficiency by reducing heat dispersion. Additionally, it provides good sound insulation, helping to lower noise levels and ensure 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.