



Undercounter dishwasher COP-504W

COP-504W Undercounter, High-Temperature Dishwasher, Glasswasher & Sanitizer



*ENERGY SAVINGS



QUICK VIEW	
Dimensions: W x D x H	23-5/8" x 23-5/8" x 33-11/16"
Weight : net/crated (lbs)	170 / 184
Voltage	208-230V/1-3Ph/60Hz
Total Power (half / 2/3rd / full)	3.69 - 4.71 - 6.34 KW
Wash pump (HP)	3/4
Water Consumption per Rack	0.63 Gal.
Water Consumption Per Hour (Max)	23.31 Gal.
Water inlet temperature	120°F - 140°F

SHORT DESCRIPTION

Fagor EVO Concept Plus dishwasher model COP-504W is a high-temperature unit that sanitizes dishes with hot water instead of chemicals. The Concept Plus dishwashers have the following features: Effi Wash, Effi Rinse, Soft Start, Multi-tension and Multi-power systems. Double skin body and door with rock counterbalanced open system.

The unit is constructed with ANSI 304 stainless steel stamped design including wash tank, guides and control panel. IPX4 - Protection against water jets on control panel. Built-in detergent, water pressure and drain pumps. Rinse aid dispenser. 14-3/16" clearance for ware.

Designed to be used as a Dishwasher, Glasswasher, or Sanitizer.

Each unit comes standard with one (1) flat rack, one (1) peg rack and one (1) cutlery container.

Fagor's Concept + range of dishwashers offer a highly efficient and effective washing and rinsing system, becoming the perfect solution for those locations with a low-pressure water network and high production requirements. They are made in durable stainless steel, with electromechanical components and simple digital controls for a user-friendly operation.

Production:

The Fagor COP-504W cleans and sanitizes 40 racks per hour. (rack size: 20"x 20")

Functions and Benefits

- Effi Wash:** Optimized hydraulic system provides a strong mechanical action combined with the optimum clean water in the tank. Balanced power keeps the perfect sanitation temperature during the cycle of the wash.
- Effi Rinse:** Built-in water pressure pump and air break system assuring the best sanitation result, with a linear 180°F full rinsing cycle. It also works with low incoming water pressure, fitting in installations that do not reach the minimum recommended 15-25 psi.
- Effi Silent:** Full double skin provides extra insulation on body and door for noise reduction and thermal efficiency.
- Soft Start:** Wash-pump power control that prevents wares from damage at the beginning of the washing cycle while assuring a low noise level on location.
- Multi Power:** Adapt the power level to your needs. Choose the maximum power for the highest production requirements or reduce consumption with a low power set up.
- Digital Controls:** simple digital control panel with digital temperature display for intuitive and user-friendly operation.
- Versatile:** Easily configure your dishwasher as a glasswasher or sanitizer whenever you need it.

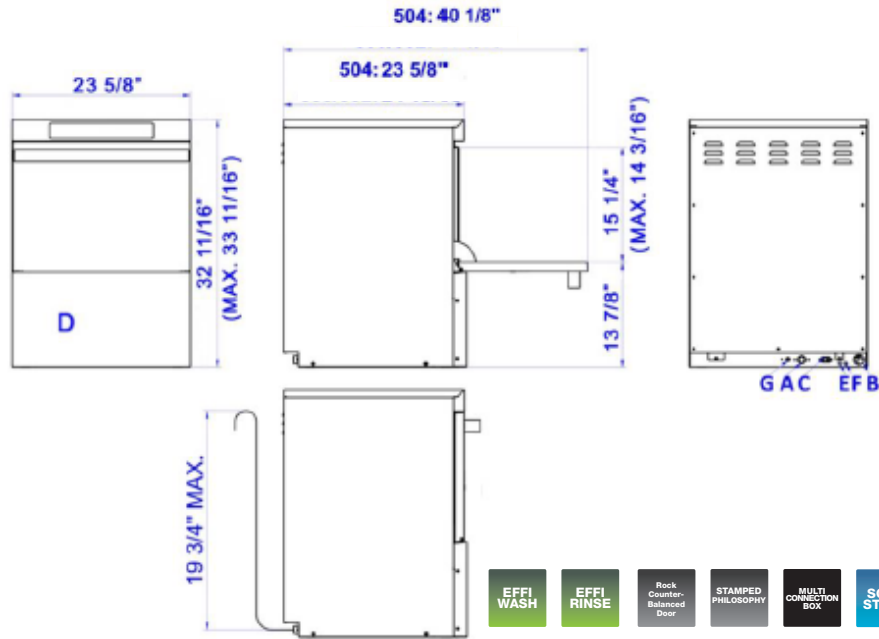
Construction

- Double skin stainless steel body structure with stamped design** (wash tank, rack guides, control panel), made to resist strong usage.
- AISI-304 Stainless steel double wash / rinsing arms and tray filters.
- Higher clearance : 14 3/16".
- Rock counterbalanced door.** Double spring and stainless steel hinge system tested to resist the strongest usage. Safe 3 step open system: (1) remove steam, (2) check rack, and (3) remove/ place rack.
- IPX4** - Stronger protection against water hose cleaning and external humidity.
- Multi-connection box:** Conveniently located electrical box for easy access that improves maintenance and allows for single or three phase connection in the field and multitension.
- Built-in drain pump, detergent, and rinse aid dispenser.
- Built-in rinse pump.

Accessories

- Racks for dishes, glasses and trays
- Cutlery containers and grids
- 6" & 16" high base stands
- Drain tempering valve





A	B	C	D	E	F	G
Water inlet *	Drain hose **	Power supply cable, strain relief ***	Connection Strip (Inside)	Rinse aid inlet	Detergent inlet	Equipotential bond ****
<p>* Water inlet: 3/4" female hose connector on 5' long flexible hose supplied with machine. Adapter for 3/4" female garden hose fitting also supplied. * Water inlet: 122°-140°F water temperature; Required water dynamic pressure measured at water inlet between 20-58 psi. ** Drain 5' long, 1/2" I.D. flexible hose. Maximum 26 3/4" drain height permits indirect connection to drain pump. *** 6' Long power cord supplied with machine (NEMA 6-20P), only for 1 phase half power. **** Protection from dangerous potential differences</p>						

SPECIFICATIONS	CO- 504W	
Wash Cycles (seconds)	90-120-180	
Hot water assurance	•	
Electronic control panel and digital display	•	
Productivity (*)		
Racks/hour	40 / 30 / 20	
Dishes/hour	1000 / 750 / 500	
Glasses/hour	1440 / 1080 / 720	
Standard Rack size (inches)	19 3/4 x 19 3/4	
Weight : Net/Crated (lbs)	167 / 178	
Dimensions (inches)		
	Unit	Shipping
Width	23 5/8	26
Depth	23 5/8	29 1/2
Height	33 11/16	40 1/2
Useful Loading Height (clearance)	14 3/16	
Capacity (gallons)		
Wash Tank	5.40	
Boiler	1.85	
Water consumption per cycle	0.53	
Drain pump	•	
Pressure pump	•	

SPECIFICATIONS	COP-504W			
Wash pump motor (HP)	3/4			
Power (kW)				
Tank heating element	3.05			
Boiler/Booster heating element (half / 2/3rd / full)	3.05 - 4.07- 6.10			
Wash pump(s)	0.64			
Pressure pump	0.26			
Total power (half / 2/3rd / full)	3.69 - 4.71 - 6.74			
Working Temperature (°F)				
Washing	150			
Rinsing	180			
Water inlet	122-140			
AMP for 60 Hz				
	Full Power		2/3rd Power	Half Power
Volts	1 Phase	3 Phase	1 Phase	1 Phase*
208	24.34	15.03	17.00	13.33
220	25.74	15.90	17.98	14.10
240	28.08	17.35	19.61	15.38
Water Protection Rating	IPX4			
Noise level (dBA)	<65			
Detergent & Rinse Aid Dispenser	•			
Cord and plug (1 phase only)	•			

(*) Assumed 25 dishes and 36 glasses per rack

* Factory standard

The manufacturer reserves the rights to modify materials and specifications without notice.