

**ecomax**<sup>TM</sup>  
by **HOBART**

## UNDERCOUNTER GLASS AND DISHWASHERS



made in germany



**LOW PRICE**  
**HIGH PERFORMANCE**





# ECOMAX OR ECOMAX PLUS – IT'S YOUR CHOICE!



**ecomax**<sup>™</sup>  
by **HOBART**

The entry-level models for those who search for a low-cost dishwasher for commercial use. Ideal for start-ups and companies with irregular washing frequency, which invest in a dishwasher for the first time. **ecomax** meets all requirements for hygienic wash results.



Model **G404**



Model **F504**

**ecomax**  
by **HOBART** **plus**

For budget-oriented operators who seek a plus in comfort and equipment. **ecomax plus** combines all the features of a **ecomax** dishwasher and offers a plus in wash power, energy efficiency, noise reduction and ease of use.



Model **G415**



Model **F515**

## ECOMAX G404 COMPACT GLASSWASHER

*The fast and reliable glasswasher in compact design. Perfect for start-ups, small bars or restaurants.*



### FEATURES

- Electronic control with digital temperature indication for easy operation
- Rotating wash and rinse arms for an even water distribution
- Indented nozzles prevent blocking
- Integrated counter for cycles and water consumption, e.g. for control of water treatment system
- Deep drawn rack track for easy cleaning
- USB connection for easier service access
- Incl. connection cable, supply and drain hose for immediate operation
- Thermostop function for guaranteed temperatures
- Self-cleaning programme for hygienic cleanliness also in the machine
- Switchable to thermolabile temperature setting







## ECOMAX PLUS G415 COMPACT GLASSWASHER

*The compact glasswasher for hotels, bars and restaurants, which are washing more than hundred glasses a day.*

### plusFEATURES

+++ additional to ecomax +++

- + Electronic control with digital temperature indication and 3 programmes for easy operation
- + Deep-drawn wash tank for easy cleaning
- + Better energy efficiency saves operating costs
- + Double-walled housing and heat insulated front door for reduction of noise and energy losses
- + Tank strainer, coarse filter and pump suction casing secure safe operation
- + Door damping control for long life operation
- + Fully equipped with rinse pressure pump, detergent and rinse aid dispenser and drain pump
- + Optional cabinet base for ergonomic operation
- + Refill signal available with optional suction lances



## ECOMAX F504 DISHWASHER

*With a high capacity of up to 60 racks per hour, this dishwasher is a reliable partner for club houses, bistros, and fast-food restaurants. The practical floor unit fits under every work counter.*



### FEATURES

- Electronic control with digital temperature indication for easy operation
- Rotating wash and rinse arms for an even water distribution
- Indented nozzles prevent blocking
- Integrated counter for cycles and water consumption, e.g. for control of water treatment system
- Deep drawn rack track for easy cleaning
- USB connection for easier service access
- Incl. connection cable, supply and drain hose for immediate operation
- Thermostop function for guaranteed temperatures
- Self-cleaning programme for hygienic cleanliness also in the machine
- Tank strainer reduces soiling of the tank water
- Optional cabinet base for ergonomic operation





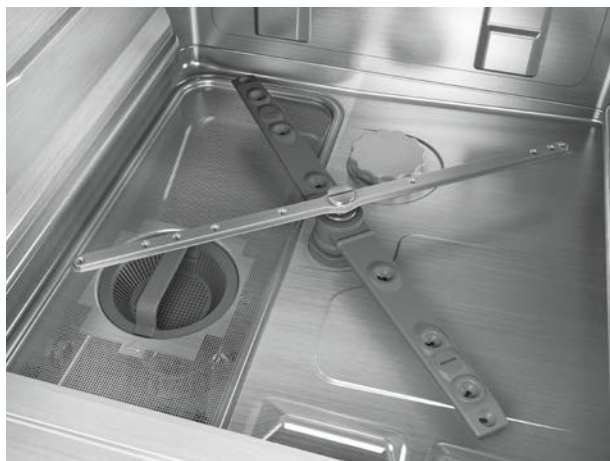
## ECOMAX PLUS F515 DISHWASHER

*Due to the high wash power, the double-walled housing and the robust filter systems, it is the quiet and resource-saving solution for your busy workaday life.*


### plusFEATURES

**+++ additional to ecomax +++**

- + Electronic control with digital temperature indication and 3 programmes for easy operation
- + Deep-drawn wash tank for easy cleaning
- + Better energy efficiency saves operating costs
- + Double-walled housing and heat insulated front door for reduction of noise and energy losses
- + Coarse filter secures safe operation
- + Door damping control for long life operation
- + Fully equipped with rinse pressure pump, detergent and rinse aid dispenser and drain pump
- + Refill signal available with optional suction lances



# FEATURES

 MODELS	GLASSWASHER			DISHWASHER				
	G404-10B	G404-32B	plus G415-11A	F504-10B	F504-30/32B	plus F515-11A	plus F515S-11A	plus F515-50A
Thermolabel compliant	●	●	–	●	●	–	–	●
Integrated water softener*	○	–	–	○	–	–	●	–
External water treatment system**	○	○	○	○	○	○	–	○
Double walled door	●	●	●	●	●	●	●	●
Double-walled housing	–	–	●	–	–	●	●	●
Deep-drawn wash tank	–	–	●	–	–	●	●	●
Door damping control	–	–	●	–	–	●	●	●
Tank strainer	–	–	●	●	●	●	●	●
Drain pump	○	○	●	○	○	●	●	●
Rinse pressure pump ***	–	–	●	●	–	●	●	●
Rinse aid dispenser	●	○	●	●	○	●	●	●
Detergent dispenser	○	○	●	○	○	●	●	●
Base cabinet (435 mm high) with removable front panel	–	–	○	○	○	○	○	○
Glass rack (4 sloped rows)	●	●	●	○	○	○	○	○
Glass rack (flat)	○	○	●	○	○	○	○	○
Plate rack P-18-12	–	–	–	●	●	●	●	●
Cutlery box CB-1	●	●	–	●	●	○	○	○
Cutlery rack CB-4	–	–	–	○	○	●	●	●
Universal flat rack B-00-07	–	–	–	○	○	●	●	●

\* For machine protection the water hardness should not exceed 3°dH, if higher we recommend using an integrated water softener or an external water treatment system.

\*\* For use of an external water treatment system, an integrated rinse pressure pump is necessary.



\*\*\* Necessary flow pressure without rinse pressure pump: 2-6 bar. Flow pressure with integrated rinse pressure pump: 0,8-6 bar

● inclusive    ○ optional    – not available



# TECHNICAL SPECIFICATIONS

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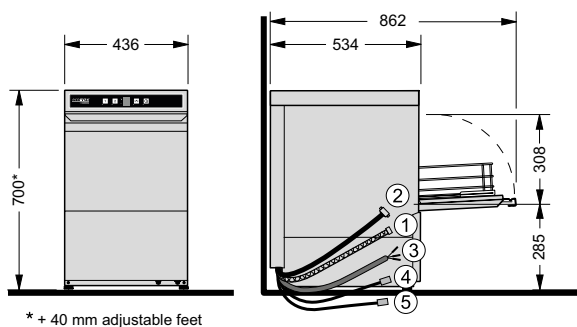
MODELS							
	G404-10B	G404-32B	F504-10/30B	F504-32B	G415-11A	F515-11A	F515-50A
Cycle times*	60 / 120 sec.	60 / 120 sec.	60 / 150 sec.	60 / 150 sec.	60/120/180 sec.	60/120/180 sec.	60/120/180 sec.
Capacity cycles	60 /h	60 /h	60 /h	60 /h	60 /h	60 /h	60 /h
Tank capacity	10 l	10 l	25 l	25 l	8 l	10.6 l	10.6 l
Water consumption	2 l/rack	2 l/rack	2.3 l/rack	2.3 l/rack	2.0 l/rack	2.3 l/rack	2.3 l/rack
Wash pump	0.2 kW	0.2 kW	0.35 kW	0.35 kW	0.4 kW	0.5 kW	0.5 kW
Tank heating	1.8 kW	1.9 kW	1.8 kW	1.8 kW	0.8 kW	0.8 kW	1.7 kW
<b>BOOSTER HEATING</b>							
Standard	1.9 kW (230 V)	1.9 kW	5.6 kW (400 V)	3.7 kW (1P)	2.8 kW (230 V)	6.2 kW (400 V)	6.2 kW
Alternative	5.6 kW (400 V)	3.7 kW	1.9 kW (230 V)	5.5 kW (3P)	4.2 kW (400 V)	2.1 kW (230 V)	—
<b>TOTAL LOADING</b>							
Standard	2.1 kW (230 V)	2.1 kW	5.9 kW (400 V)	4.1 kW (1P)	3.2 kW (230 V)	7.5 kW (400 V)	8.4 kW
Alternative	5.8 kW (400 V)	3.9 kW	2.2 kW (230 V)	5.9 kW (3P)	5.4 kW (400 V)	3.4 kW (230 V)	—
Rated voltage	230/50/1 (400/50/3N)	230/60/1	400/50/3N (230/50/1)	230/60/1 (230/60/3)	230/50/1 (400/50/3N)	400/50/3N (230/50/1)	380-415/50/3N
Width	436 mm	436 mm	576 mm	576 mm	460 mm	600 mm	600 mm
Depth	534 mm	534 mm	604 mm	604 mm	590 mm	600 mm	600 mm
Height	700 mm	700 mm	820 mm	820 mm	705 mm	825 mm	825 mm
Loading height	308 mm	308 mm	360 mm	360 mm	315 mm	425 mm	425 mm
Rack size	390 x 390 mm	390 x 390 mm	500 x 500 mm	500 x 500 mm	400 x 400 mm	500 x 500 mm	500 x 500 mm

\* The machines are equipped with an automatic cycle-time control which ensures hygienic rinse temperatures even on a cold-water supply or with reduced heating performance.

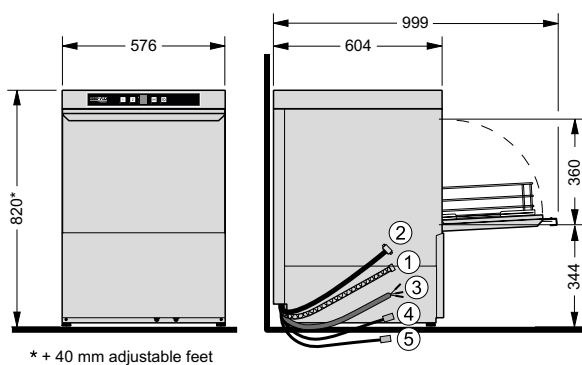
# DRAWINGS

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by **HOBART**

**Glasswasher model G404**

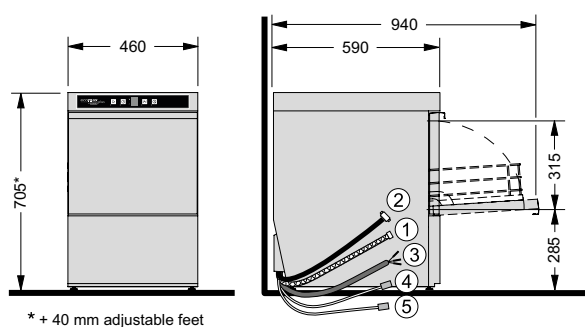


**Undercounter dishwasher model F504**

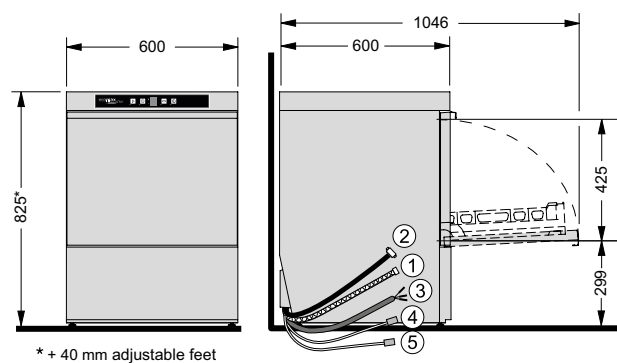


**ecomax**<sup>TM</sup> **plus**  
by **HOBART**

**Glasswasher model G415**



**Undercounter dishwasher model F515**



**plus**

① Drain hose    ② Supply hose    ③ Power cord    ④ Detergent <sup>a)</sup>    ⑤ Rinse aid <sup>a)</sup>

<sup>a)</sup> depending on the device chemical dispensers are not included



# HYDROLINE

## WATER TREATMENT

*Always the exactly right water quality for your application – whether your focus is on protecting your machine efficiently against limescale, or on ensuring that your wine glasses are free of stains after washing.*



### External single-chamber softener SE-H

Protects heating rods against limescale and reduces detergent consumption. Time-controlled automatic regeneration.

### External double-chamber softener SD-H

Protects heating rods against limescale and reduces detergent consumption. Regeneration takes place parallel to the cleaning process.

### Partial demineralisation cartridge STAR PD

Residue-free removal of hardness components from the water.

### Full demineralisation cartridge STAR EXTRA FD

Removes all minerals from the water. For brilliant wash results for glasses and cutlery.

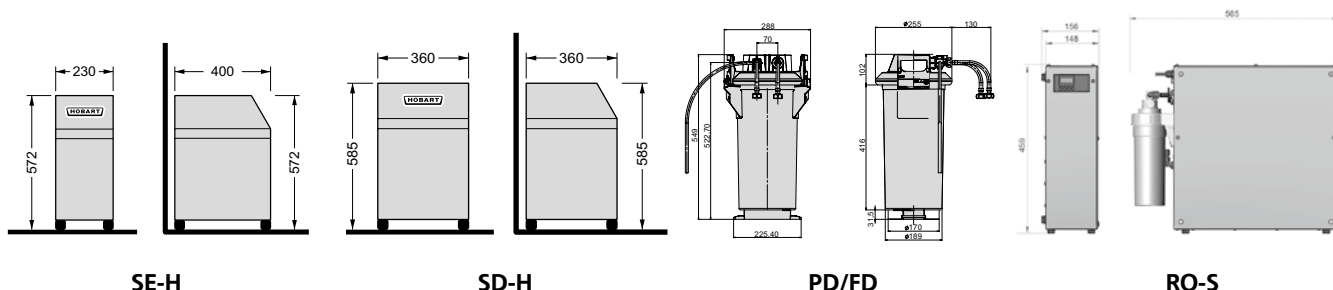
### Reverse osmosis RO-S

Removes all minerals and particles from the water. For brilliant wash results for glasses and cutlery.

HYDROLINE	PROTECT SE-H	PROTECT SD-H	STAR PD	STAR EXTRA FD	PURE RO-S
Model	Single-chamber softener	Double-chamber softener	Partial demineralisation	Full demineralisation	Reverse osmosis
Supply water temperature	4 - 65°C	4 - 65°C	4 - 60°C	4 - 60°C	5 - 35°C
Supply capacity (continuously)	10 l/min	20 l/min	5 l/min	5 l/min	2.0 l/min
Flow pressure	3 - 6 bar	3 - 7 bar	2 - 6 bar	2 - 6 bar	1 - 6 bar
Supply hose	R 3/4"	R 3/4"	R 3/4"	R 3/4"	R 3/4"
Drain hose	R 3/4"	R 3/4"	R 3/4"	R 3/4"	R 3/4"
Regeneration type	time-controlled	quantity-controlled	—	—	—
Capacity	1,000 l at 8°dH (total hardness)	1,140 l at 8°dH (total hardness)	13,000 l at 10°dH (carbonate hardness)	5,400 l at 10°dH (total hardness)	—
Voltage	230/50/1*	—	—	—	230/50/1*
Total connected load	0.03 kW	—	—	—	0.2 kW

For machine protection the water hardness should not exceed 3°dH, if higher we recommend using an integrated water softener or an external water treatment system. For a water hardness of 10°dH and up, an external upstream softening system is recommended to protect the RO-S membrane against plugging. For a water hardness of 35°dH and up, an upstream softening system is mandatory for the operation of the RO-S.

\* A 230 V connection is needed on site





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