

RANGE GUIDE

Halcyon AMH Undercounter



Undercounter

halcyon®

built for the demands of modern hospitality



5 **versatile** wash programs



Up to **36% less water** per cycle



0.29 kWh **low energy** consumption



EN17735 **hygiene certified**



Easier operation, maintenance & cleaning

performance data

Independent certified testing confirms Halcyon's outstanding performance across all key metrics

Wash Effectiveness



100%

Xc

from 100% - full cleaning power

Energy Consumption



0.29

kWh (Ec)

per cycle - ultra low energy use

Water Consumption



1.6

ltr (Wc)

very low water use per cycle

Cycle Time



315

secs (Tc)

fast turnaround per wash cycle

Power Use



0.28

kW (Pu)

low power draw during operation

what's new

Old Model		New Model
USER BENEFITS		
Soft touch interface - 3 buttons	→	New look interface – 4 soft touch buttons
Old handle – poorer quality & ergonomics	→	New handle: improved robustness & ergonomics
3 wash programs	→	5 wash programs
Flat rack rails	→	Embossed rail racks
		Easy-remove wash arms & tank system
OPERATIONAL IMPROVEMENTS		
Avg water consumption 2.5 ltr	→	Avg water consumption 1.8 ltr (as low as 1.5 ltr)
		Low energy consumption from 0.29 kWh
		Improved wash performance
No drain pump	→	Drain pump included on all models
Hygiene standard EN17735	→	Hygiene standard EN17735
		Integral tank strainers
		Evolved electronic components
		Single skin



AMH UNDERCOUNTER WAREWASHERS



Competitively priced and manufactured to the highest standards, the AMH range offers simple yet reliable functionality. Available as glass and dishwashers the machines have 5 programs and are tested to ensure high hygiene levels.

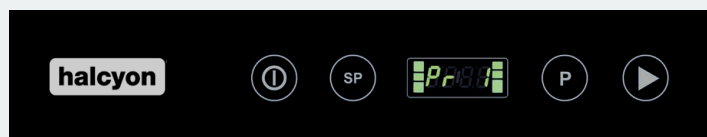
Key Attributes

- Soft touch LED display
- Drain pump fitted on all models
- Low water usage (from 1.5L)
- 5 programs
- Double filter system
- Surface scrap tray filters supplied as standard
- Hygiene performance tested to EN17735
- 1 year warranty

Intelligent Functions & Advanced Technologies		AMH 350	AMH 400	AMH 450	AMH 500	AMH 510	AMH 550WS
SUSTAINABILITY	Patented dual flow wash pump - reduces power consumption whilst retaining wash efficiency		•	•	•	•	•
	Selectable thermostop ensures optimum rinse temperatures	•	•	•	•	•	•
	Partial Drain System provides cleaner wash water for better wash results	•	•	•	•	•	•
	Triple filtration system that reduces pump wear and tear	•	•	•	•	•	•
	Highly efficient rinse system that delivers perfect wash results with minimal water consumption	•	•	•	•	•	•
	Selectable energy saving mode	•	•	•	•	•	•
	Patented washarm geometry optimises water distribution whilst maintaining cleaning performance	•	•	•	•	•	•
OPERATION	Quick release wash arms with removable caps for easier cleaning	•	•	•	•	•	•
	Easy tank access and a mirrored finish makes maintenance and cleaning easier	•	•	•	•	•	•
	Alarms menu with hi-level information retrieval	•	•	•	•	•	•
VERSATILITY	Accurate detergent & rinse aid peristaltic dosing pumps as standard	•	•	•	•	•	•
	Multiple power configurations available				•	•	•
	Automatic continuous internal water softener						•
	Breaktank					•	•

AMH Undercounter Warewashers

Four button capacitive touch LED display ensures clear visibility of temperatures and system messages. The twin colour coded indicator bars provide status updates and operational self diagnostics, while the robust, scratch-resistant synthetic glass front panel combines durability with sleek, modern design.



Technical Data		AMH350	AMH400	AMH450	AMH500	AMH510	AMH550WS
Dimensions (W x D x H)	mm	401 x 490 x 595*	436 x 535 x 670*	525 x 555 x 715*	575 x 605 x 820*	575 x 605 x 820*	575 x 605 x 820*
Rack size	mm	350 x 350	390 x 390	450 x 450	500 x 500	500 x 500	500 x 500
Maximum useable height	mm	240	300	280	340	340	340
Door opening	mm	260	320	300	365	365	365
Theoretical productivity	Racks/h	48	48	48	36	36	36
Effective productivity**	Racks/h	34	34	34	28	28	28
Wash tank element	kW	1.4	1.4	1.4	2.0	2.0	2.0
Boiler element	kW	2.6	2.6	2.6	2.0	6.0†	6.0†
Wash pump	kW	0.15	0.18	0.18	0.47	0.47	0.47
Tank capacity	L	7	8	14	20	20	20
Racks - open / pegged		2 / 0	2 / 0	2 / 0	2 / 0	1 / 1	1 / 1

*Minimum height (+10mm with adjustable feet).

**Allowing 30 seconds for reloading. Cycle times may vary depending on local conditions/services.

†Max rating - dependent on model power configuration. See Tech Sheet for more info.

Packaging Specs		AMH350	AMH400	AMH450	AMH500	AMH510	AMH550WS
Gross weight	Kg	31	35	49	60	67	70
Cubic volume	m³	0.25	0.25	0.37	0.45	0.45	0.45
Dim. (W x D x H)	mm	470 x 590 x 750	520 x 630 x 830	580 x 640 x 870	670 x 690 x 980	670 x 690 x 980	670 x 690 x 980

Power Supply		AMH350	AMH400	AMH450	AMH500	AMH510	AMH550WS
Electric connection	V-Ph-Hz	230-240V 1N 50 HZ					
Fuse	A	13					
Total Power	kW	2.75	2.8			2.5	
Electric connection	V-Ph-Hz					230-240V 1N 50 HZ	
Fuse	A					20	
Total Power	kW					4.5	
Electric connection	V-Ph-Hz					230-240V 1N 50 HZ	
Fuse	A					30	
Total Power	kW					6.5	
Electric connection	V-Ph-Hz					400V 3+N 50Hz	
Fuse	A					16	
Total Power	kW					6.5	

Water Connection		AMH350	AMH400	AMH450	AMH500	AMH510	AMH550WS
Inlet water pressure	Bar	2.0 - 4.0	2.0 - 4.0	2.0 - 4.0	2.0 - 4.0	1.0 - 4.0	1.0 - 4.0
Water inlet temp	°C	10 - 50	10 - 50	10 - 50	10 - 50	10 - 50	10 - 50
Water connection	BSP	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

Cycle Information		AMH350	AMH400	AMH450	AMH500	AMH510	AMH550WS
Wash cycles		2	2	2	2	2	2
Special cycles		1	1	1	1	1	1
Wash cycle times	Sec	75 - 100	75 - 100	75 - 150	100 - 600	100 - 600	100 - 600
Cleaning cycles		2	2	2	2	2	2
Water consumption per cycle	L	2.0	1.5 - 2.0	1.5 - 2.0	1.5 - 2.0	1.5 - 2.0	1.5 - 2.0
Wash temperature	°C	60 - 65	60 - 65	60 - 65	60	60	60
Rinse temperature	°C	65 - 80	65 - 80	65 - 75	70 - 82	70 - 82	70 - 82