

RANGE GUIDE

Halcyon AMH Undercounter



September 2026

halcyon®

built for the demands of modern hospitality



Up to 7 **versatile** programs



From only 1.4 ltr water **per cycle**



0.29 kWh **low energy** consumption



EN17735 **hygiene tested**
& EN63136 **performance tested**



Soft touch button display



Easier operation, maintenance and cleaning



Drain pump **as standard**

range at a glance

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



1.4

ltr (Wc)

very low water use
per cycle
(eco cycle)

Cycle Time from



80

secs (Tc)

fast turnaround per
wash cycle

Power Use



0.28

kW (Pu)

low power draw during
operation

range overview

Old Range		New Range
SUSTAINABILITY WITHOUT COMPROMISE & LOWER COST OVER TIME		
Standard cycle water use: 2.5 ltr	→	Standard cycle water use: 1.6 ltr
	→	Low energy consumption from 0.29 kWh
Single skinned	→	Single skinned
RELIABILITY YOU CAN DEPEND ON		
EN17735 Hygiene standard	→	EN17735 Hygiene tested
		EN63136 Performance tested
BUILT FOR HIGH DEMAND ENVIRONMENTS		
6 Programs	→	7 Programs
Soft touch interface - 3 buttons	→	New look interface - 4 soft touch buttons
Old handle - poor quality ergonomics	→	New handle: Improved robustness & ergonomics
No drain pump	→	Drain pump included on all models
A LONG TERM PARTNERSHIP APPROACH		
1 year warranty	→	1 year warranty



functionality & technology

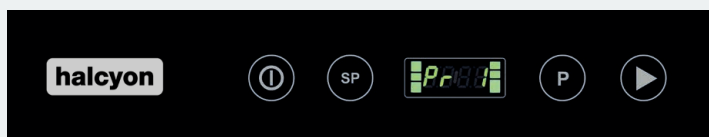


Competitively priced and manufactured to the highest standard, the Halcyon range offers simple yet reliable functionality. Available as glass and dishwashers the machines have up to 7 programs and are tested to ensure high hygiene levels.

Key Attributes

- Soft touch LED display
- Drain pump fitted on all models
- Low water usage (from 1.4L)
- Up to 7 programs
- Double filter system
- Surface scrap tray filters supplied as standard
- EN17735 hygiene tested & EN63136 performance tested
- 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 thermostat ensures optimum rinse temperatures	•	•	•	•	•	•
	Partial Drain System provides cleaner wash water for better wash results	•	•	•	•	•	•
	Double 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	•	•	•	•	•	•
OPERATION	Patented washarm geometry optimises water distribution whilst maintaining cleaning performance	•	•	•	•	•	•
	Quick release wash arms with removable caps for easier cleaning	•	•	•	•	•	•
	Easy tank access and a mirrored finish makes maintenance and cleaning easier	•	•	•	•	•	•
VERSATILITY	Alarms menu with hi-level information retrieval	•	•	•	•	•	•
	Accurate detergent & rinse aid peristaltic dosing pumps as standard	•	•	•	•	•	•
	Multiple power configurations available				•	•	•
	Automatic continuous internal water softener						•
	Breaktank					•	•



User Interface

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 720*	575 x 605 x 820*	575 x 605 x 820*	575 x 605 x 820*
Rack size (W x D)	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	45	45	42	42	42	42
Effective productivity**	Racks/h	36	36	34	34	34	34
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 including feet (+10mm with adjustable feet).

**Based on the shortest standard program & allowing 20 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
Dimensions (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 50Hz					
Fuse	A	13					
Total Power	kW	2.75	2.8	2.5			
Electric connection	V-Ph-Hz					230-240V 1N 50Hz	
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		3	3	3	3	3	2
Special cycles		1	1	1	1	2	1
Wash cycle times	s	80 - 105	80 - 105	85 - 155	85 - 600	85 - 600	100 - 600
Cleaning cycles		2	2	2	2	2	2
Water consumption per cycle	L	2.0 - 2.5	2.0 - 2.5	2.0 - 2.5	2.0 - 2.5	1.4 - 2.2	1.4 - 2.2
Wash temperature	°C	60 - 65	60 - 65	60 - 65	60 - 65	60	60
Rinse temperature	°C	65 - 70	65 - 70	65 - 75	65 - 70	82	82

*Based on standard programs P1, P2, P3 or G1, G2, G3 (model dependent), as specified on model spec sheets.