

RANGE GUIDE

C Range Glasswashers



Undercounter



built for the demands of modern hospitality



9 **versatile** wash programs



EN17735 **hygiene certified**



Up to **25% less water** per cycle



LED digital display panel & design features



0.2 kWh **low energy** consumption

performance data

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

Wash Effectiveness



100%

Xc

from 100% - full cleaning power

Energy Consumption



0.2

kWh (Ec)

per cycle - ultra low energy use

Water Consumption



1.5

ltr (Wc)

ultra low water per cycle

Cycle Time



297

secs (Tc)

fast turnaround per wash cycle

Power Use



0.19

kW (Pu)

low power draw during operation

what's new

Old Model		New Model
USER BENEFITS		
LED soft touch 4 button control	→	LED digital display – 4 button control
Old handle – poorer quality & ergonomics	→	New stainless steel handle: improved robustness & ergonomics
7 wash programs	→	9 wash programs
Flat rack rails	→	Embossed rail racks
		Easy-remove wash arms & tank system
OPERATIONAL IMPROVEMENTS		
Avg water consumption 2.0 ltr	→	Avg water consumption 1.5 ltr
		Low energy consumption from 0.2 kWh
Partial double skin	→	Double stratified skin
Optional drain pump	→	Integrated drain pump
Hygiene standard EN17735	→	Hygiene standard EN17735
		Integral tank strainers
		Evolved electronic components
		Improved wash performance & heat retention
Dual tank filter	→	Triple tank filter



C RANGE GLASSWASHERS



The C Range delivers high performance with simple, intuitive operation. Versatile and reliable, it's ideal for operations that demand quality and efficiency while minimising energy and water consumption.

Key Attributes

- Capacitive touch LED display
- Drain pump fitted on all models
- Low water usage (from 1.5L)
- Improved energy efficiency (25% less*)
- Stratified double skin for improved heat retention
- Up to 9 programs
- Triple filter system
- Surface scrap tray filters supplied as standard
- Proven performance, tested to EN 17735 & EN 63136:2019
- 2 year warranty

Intelligent Functions & Advanced Technologies		C35D	C40D	C40 WSD	C45D	C50D	C51D	C55 WSD
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	■	■	■	■	■	■	■
	 Soft start pump that protects delicate washware & prolongs pump life	■	■	■	■	■	■	■
	 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						■	■
	Bottle wash system for dedicated bottle washing					■	■	■



C Range Glasswashers

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		C35D	C40D	C40WSD	C45D	C50D	C51D	C55WSD
Dimensions (W x D x H)	mm	401 x 490 x 605*	436 x 535 x 680*	436 x 535 x 680*	525 x 555 x 730*	575 x 605 x 820*	575 x 605 x 820*	575 x 605 x 820*
Rack size	mm	350 x 350	390 x 390	390 x 390	450 x 450	500 x 500	500 x 500	500 x 500
Maximum useable height	mm	240	295	295	280	330	330	330
Door opening	mm	260	317	317	300	365	365	365
Theoretical productivity	Racks/h	51	48	48	48	48	48	48
Effective productivity**	Racks/h	36	34	34	34	34	34	34
Wash tank element	kW	1.4	1.4	1.4	1.4	2.0	2.0	2.0
Boiler element	kW	2.6	2.6	2.6	2.6	6.0†	6.0†	6.0†
Wash pump	kW	0.11	0.18	0.18	0.18	0.47	0.47	0.47
Tank capacity	L	7	8	8	14	20	20	20
Racks - open / pegged		2 / 0	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		C35D	C40D	C40WSD	C45D	C50D	C51D	C55WSD
Gross weight	Kg	31	35	37	49	61	67	70
Cubic volume	m³	0.25	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	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		C35D	C40D	C40WSD	C45D	C50D	C51D	C55WSD
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					7.5		

Water Connection		C35D	C40D	C40WSD	C45D	C50D	C51D	C55WSD
Inlet water pressure	Bar	2.0 - 4.0	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	10 - 50
Water connection	BSP	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

Cycle Information		C35D	C40D	C40WSD	C45D	C50D	C51D	C55WSD
Wash cycles		2	2	2	1	3	3	3
Special cycles		1	2	2	3	3	4	4
Wash cycle times	Sec	75 - 100	75 - 150	75 - 150	75 - 150	75 - 600	75 - 600	75 - 600
Cleaning cycles		2	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	1.5 - 2.0
Wash temperature	°C	60 - 65	60 - 65	60 - 65	60 - 65	55 - 65	55 - 60	55 - 60
Rinse temperature	°C	65 - 80	65 - 80	65 - 80	65 - 80	65 - 82	70 - 82	70 - 82

*Independent results from EN63136 testing vs comparable specification machines across the market.

Maidaid reserve the right to alter specs & dimensions without prior notification,

all dimensions will be +/- 3mm.

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