WASHTECH

PROFESSIONAL WASH SYSTEMS



WASHTECH





MOFFAT®

LOCAL EVOLUTION

All Washtech dishwashers are designed and manufactured locally, for local businesses, to specifically meet Australasian conditions, regulations and customer expectations.



The company was originally founded as Wash Systems Limited in 1981 by Des and Gary Brent in Auckland, New Zealand.

After spotting a new opportunity they released their first machine, an undercounter dishwasher built in Des' single car garage, branded Starline. Subsequently the product range was extended to include glasswashers, all types of commercial dishwashers, potwashers, rack conveyors and industrial washing machines.

In 1989 they entered the Australian market with the new Washtech brand. A base in Brisbane was established from which to distribute. In 1993 Washtech gained ISO 9001 certification, which it has maintained ever since.

Now, as the largest manufacturer of professional wash equipment in Australasia, Washtech can proudly look back on decades of building robust, efficient and reliable equipment.







The Washtech Premium Range represents the most technologically advanced dishwashers in the Washtech line up. They are built to deliver optimal wash results and operating environment through the incorporation of the latest advancements in dishwashing technology - without compromising the durability, reliability and longevity Washtech is renowned for.

Heavy Duty Stainless Steel Construction and Componentry ensures long term durability and reliability and an extended useful life for the glasswasher or dishwasher.

Full Insulation reduces operational noise and provide a cooler operating environment.

Polish Free Compatible Assured Rinse with 316 stainless steel break tank and rinse booster pump ensuring consistent rinse temperature and pressure every cycle.

Advanced Electronic Controls provide easy and full control over all functions including chemical injection settings, along with intuitive customisable reminders once cleaning or servicing of the machine is required.

Soft Start gradually pressures the wash system to minimise breakages.

Hot rinse retention improves energy efficiency through draining the colder dirtier wash water at the base of the tank.

Hands-Free AutoDrain with enhanced filtration avoids the need for an upstand with the drain / self cleaning cycle easily activated via the electronic controls.

Rapid Rinse Recovery (GL and UL) machines can be uprated to 3p/15A power for efficient operation even on cold inlet water.

Soft Close Door (GL and UL) ensures a soft, fluid action when opening or closing the doors on the undercounters.

Coloured and Textured Stainless Steel (GL and UL) provides a world first in the use of Rimex coloured and textured stainless steel for the construction of dishwashers. This provides 450+ different options, including Black Mirror.

Highly Efficient Heat Recovery (ALC) system provides significant operating cost savings over conventional passthrough dishwashers with the ALC also certified for installation without an extraction canopy in most locations.

The Washtech Premium Range



Rack size Cycle times Power Water per cycle



GL / GL Black 365 to 450 60.120, 180 1p/15A or 3p/25A



UL / UL Black 500 60.120.180 1p/15A or 3p/15A



500 45, 60, 90 3n/15A 2.4



ALC 500 45, 90,120 3p/15A 2.4 (cold)



M-TYPEPROFESSIONAL RANGE





The Washtech Professional Range combines the best of modern technology with an uncompromising use of high quality components and heavy duty stainless steel in their construction. The result is a machine that you can rely on for great wash results for many years to come.

Heavy Duty Stainless Steel Construction throughout the entire machine ensures long term durability and reliability with an expected useful life considerably longer than other machines packed full of plastic components.

Heavy Duty Stainless Steel Componentry ensures the same long term durability and reliability of the wash and rinse arms, scrap trays and remaining elements of the wash system.

Advanced Electronic Controls provide easy and full control over all functions including chemical injection settings, along with intuitive customisable reminders once cleaning or servicing of the machine is required.

Soft Start gradually pressures the wash system to minimise breakages. Self Cleaning operates at the end of every drain cycle, flushing the machine with fresh water prior to powering down.

Quick Connection with all service connections now accessible externally for fast simple installation.

Polish Free Compatible Assured Rinse (M1C, M2 and M2C) with 316 stainless steel break tank and rinse booster pump ensuring consistent rinse temperature and pressure every cycle.

Multiple Power Options (M1C and M2) enables simple connection to either 1p or 3p power supply depending on the desired recovery time between cycles and power availability.

Highly Efficient Heat Recovery (M1C and M2C) provides significant operating cost savings over conventional passthrough dishwashers while making the machines suitable and certified for installation without an extraction canopy in most locations.

The Washtech Professional Range



Rack size Cycle times Power Water per cycle



UD 365 to 450 500 60,120, 180 60, 120, 180 1p/15A 1n/15A 2.2



M1C 450 60, 120, 180 3p/15A or 1p/15A 2.4 (cold)

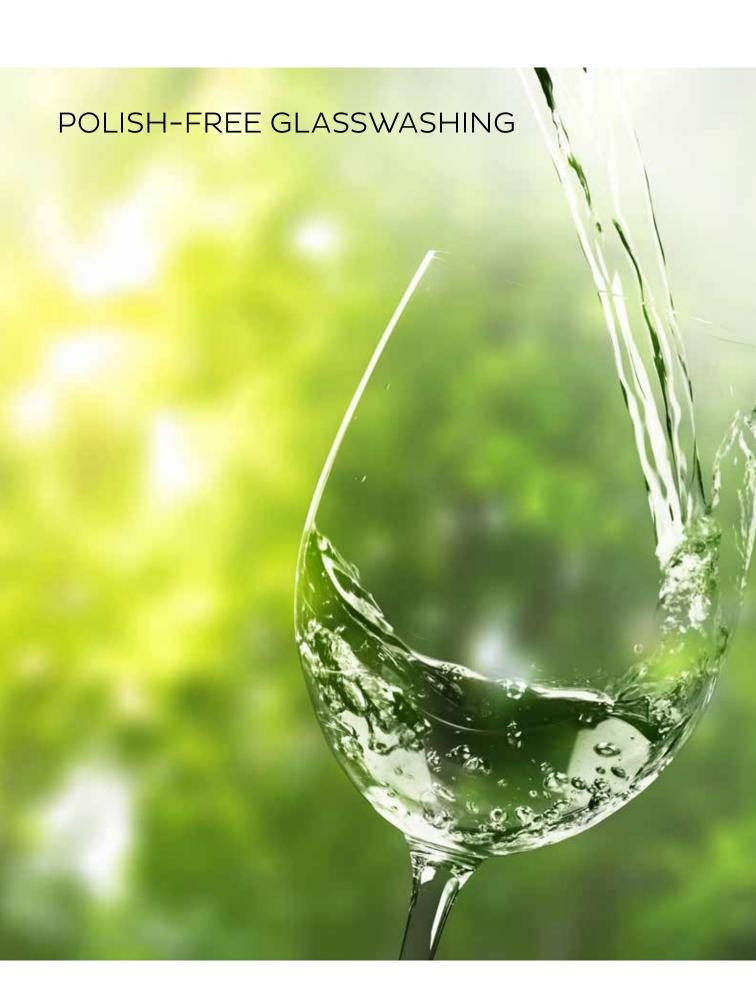


М2 500 60, 120, 180 3p/15A or 1p/15A



M2C 500 60, 120, 180 3p/15A 2.6 (cold)





Washtech has worked with local leaders in water purification and chemical fields to develop a range of effective and highly productive polish-free glasswashing systems.

By focusing on polish-free glasswashing capacity, these systems are designed to keep up with the operational requirements while providing cost savings through reduced labour requirements and glass breakages, improved health and safety, and a consistent high quality finish for all glassware (and cutlery).

Your staff no longer wash glasses manually, so why are they still polishing them by hand?

Polish-Free Glasswashing System

In addition to the optimal glasswasher or dishwasher there are a range of reverse osmosis water filters, optional external storage tanks, suitable chemicals, customisable divided and tilted glass racks all available to build the perfect polish free system for you.

Compatible Undercounter Glasswashers

With two power and size options available, the GL and GL-B are suitable for smaller bars and more compact locations; and the larger UD-R, UL and UL-B are optimal for busier locations. To ensure optimal capacity at these busier sites, we recommend the use of 500mm racks with divisions and tilts, connection of the machines to 3p/15A power and the inclusion of an external polish free water storage tank.



Compatible Passthroughs

A range of options from the compact M1C through to the powerful ALC complete with Heat Recovery Unit and fully insulated hood to reduce noise. Due to the built in heat recovery system and enhanced rinse heating systems, the – C models will provide around double the hourly capacity of a standard unit when each are operating on a cold water supply – making them perfect high capacity polish free glasswashers.



X-TYPE ECONOMY RANGE



The Washtech X-Type represents the continuation of the original range of machines going back to the founding of Washtech in 1981.

Like their predecessors including the older model AL, M2, GM etc. the Economy range is still hand made using heavy duty stainless steel construction methods and featuring highly reliable electromechanical switch gear.

The new models certainly aren't stuck in the past though, with a fresh facelift - including digital gauges and LED lighting, highly versatile and easily customisable electronic timer, and dual externally adjustable chemical pumps - making these great value for money as the perfect hybrid of new technology and old school durability and reliability.



The Washtech X-Type is far from your average economically priced machine. Hand constructed from heavy duty stainless steel and equipped with high end components, these models provide highly efficient and reliable wash results over an extended useful life that mass produced and plastic filled alternatives can only dream of.

Legacy Models. All X-Type models are a continuation from previous series Professional models and retain the high quality running gear that ensures no fuss, high productivity glasswashing and dishwashing. Heavy Duty Stainless Steel Construction ensuring long term durability and reliability.

Washtech Hybrid Controls feature a combination of IP67 stainless switches, tried-and-tested switchgear and a customisable electronic timer.

Dual externally adjustable chemical injectors are fitted as standard. Drain pumps are also fitted in XG, XV, XU and XM.

Efficient Rinse Recovery. High quality and powered rinse heating elements across the range ensure all power available is utilised to minimise time between cycles (even when connected to 1p/15A) and optimise productivity.

High Capacity Workers. The XP and XL are ideal options for locations requiring a high capacity passthrough dishwasher. Both feature heavy duty stainless steel wash manifolds and scrap trays to provide long term reliability, with the XL also equipped with heavy duty stainless steel wash and rinse arms along with a powerful 1.5HP wash pump that enables a rapid cycle of just 40 seconds.

The Washtech Economy Range



Rack size Cycle times Power Water per cycle



365 60 1n/15A



365 to 450 60,120 1p/15A 2.2



ΧU 500 60,120 1p/15A 2.2



ΧM 450 60, 120, 180 1p/15A 2.2

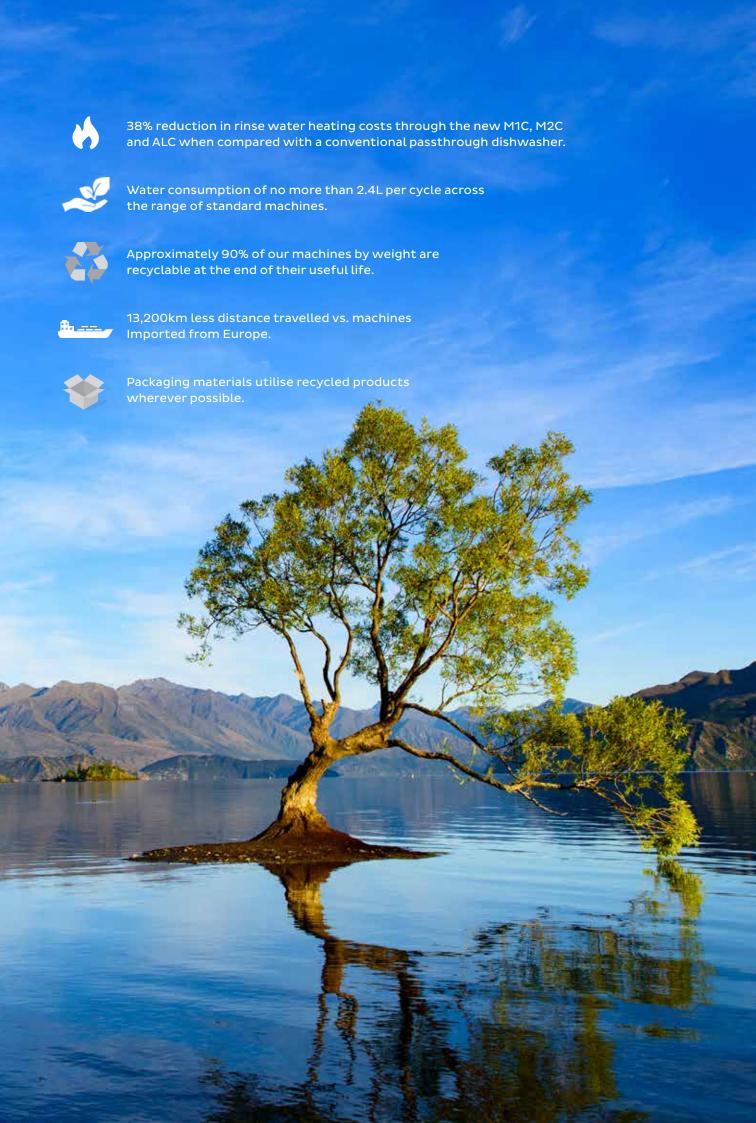


ΧP 500 60, 120, 180 1p/15A 2.2



ΧL 500 45, 60, 90 3p/15A 2.4





W-TYPEWAREWASHERS

Washtech warewashers are the perfect companion for busy main kitchens, butcheries, bakeries, and other heavy duty applications having been specifically designed for the thorough and rapid washing and sanitising of baking trays, bins, bowls and other bulky items.

Heavy Duty Stainless Steel Construction and Componentry

All professional models feature heavy duty stainless steel construction and componentry throughout ensuring long term durability and reliability.

Washtech Hybrid Controls

Washtech hybrid controls feature a combination of IP67 stainless switches, tried-and-tested switchgear, with a customisable electronic timer.

Versatile Machines

The AL8 and PW range are all equipped with break tanks and rinse pumps and can be connected on two different power ratings depending on site requirements. This ensures great results even at sites with water pressure, temperature and/or power challenges.

Clean Perspective

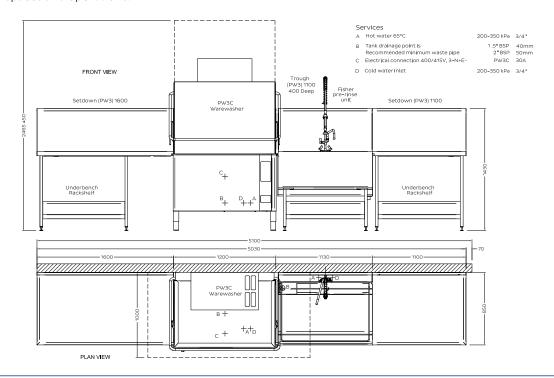
Dual externally adjustable chemical injectors are fitted as standard.

Heat Recovery (Optional)

The AL8, PW1, PW2 and PW3 can all be upgraded to include a highly efficient Heat Recovery Unit.

Warewasher Workstations (Optional)

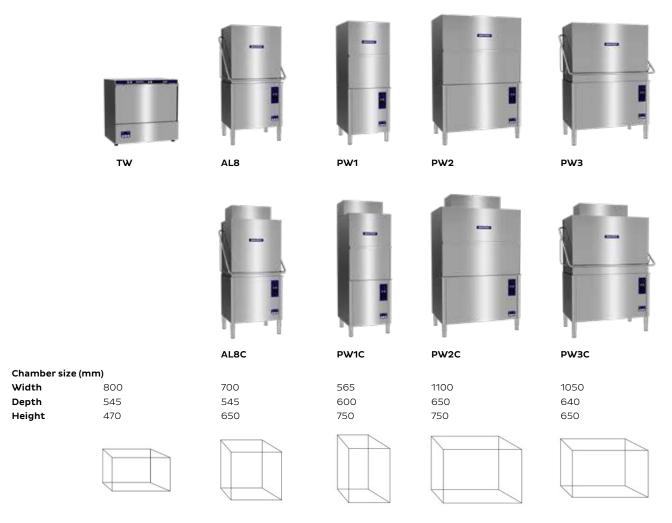
A full array of customisable benching and troughs are available with each of the warewashers to suit a wide variety of spaces and operations.







The Washtech Warewasher Range



C models include integrated Heat Recovery Units. All other features are as per the base model





C-TYPERACK CONVEYERS

Washtech C-type is a comprehensive range of powerful and efficient rack conveyor dishwashers. Washtech rack conveyors are consistent with European DIN standards –where capacities are increased as modules are added, but higher than standard speeds are available on request at no extra charge.

The range is fully modular and machines are configured and assembled to the specific requirements of each client. A wide range of options, listed below, helps deliver the combination of wash, rinse and drying performance, and layout configurations required. Particularly important are the options which help fit a powerful system into a relatively small space. Washtech C-type Rack Conveyors are fully automatic and very easy to use. All incorporate safety features such as door safety switches, door catches, conveyor drive clutch and low level water protection.

Heavy Duty Stainless Steel Wash Arm Cassettes

One piece wash arm cassettes incorporating indented self cleaning jets and removable end plugs are easily removed for fast cleaning.

Heavy Duty Stainless Steel Rinse Arms

Easily removable rinse arms are secured at both ends and can only be replaced in the correct position.

Optimal Hygiene

Rounded corners in all tanks for ease of cleaning.

Full Door Access

Full width counterbalanced door with safety switch and safety catch provides easy access to the wash chamber.

Scrap Trays

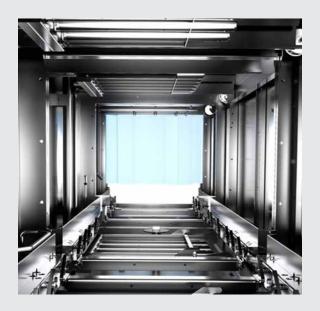
Clear access to full width heavy duty stainless scrap trays with large easy to use handles.

Dual Track Stainless Steel Pawl Drives

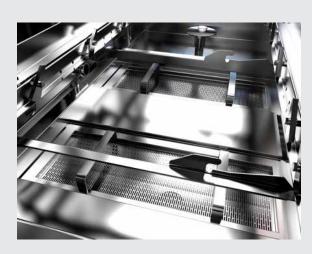
Heavy duty stainless steel pawl drive systems run down either side of the rack path for smoother operation and open access to the wash tank.

Economiser

Rinse economiser minimises water consumption by allowing rinse only when racks are in the rinse zone.









The Washtech Rack Conveyor Range



 CD100

 Capacity per hour (racks)
 100

 Capacity per hour (plates)
 1800

 Rinse stages
 1

 Tanks
 1

 Hot water per hour (L)
 300

 Power
 3p/25A







CDe120 Capacity per hour (racks) 120 2160 Capacity per hour (plates) Cold water per hour (L) 180 (cold) Rinse stages 3 Tanks 3 **Heat Recovery** Yes Insulation Yes Power 3p/35A



CDe180 180 3240 180 (cold) 3 4 Yes Yes 3p/35A



240 4320 120 (cold) 4 5 Yes Yes 3p/35A

CDe RACK CONVEYORS SYSTEM EFFICIENCY



The next generation in rack conveyor technology, the Washtech CDe range has been specifically designed to provide optimal wash performance and operational efficiency while being light on running costs and the environment.



Drawing steam from both the entry and exit of the conveyor ensures maximum efficiency from the integrated heat recovery system and minimal steam emissions and operating costs. The net result is a high capacity rack conveyor system suitable and certified for installation in most locations without the need for an extraction canopy.

EcoRinse

Thanks to the dual tank EcoRinse module fitted in all CDe models, the CDe120 and CDe180 operate on just 180L of fresh rinse water per hour, while the CDe240 consumes just 120L per hour. This compounds the operational savings from the heat recovery unit, minimising both water and chemical consumption.

Enhanced Rinse

The EcoRinse module not only enables low water consumption, it also delivers brilliant rinse results through providing all wash ware with a pre-rinse, then two stage EcoRinse recirculating a nominal 200L/minute of recycled rinse water, before completing the process with a short final fresh rinse.

Refined Accessories

The CDe range includes a wide range of accessories to improve the functionality, productivity and the hygiene of the wash room. These include covered side load table and exit corner dryer modules.

Custom Solutions

The system can also extend to include customised accessories and benching to optimise the full space available. With a full inhouse CAD design service available, CDe rack conveyor systems will be designed and constructed specifically for each customer's unique site and requirements.





TECHNICAL SPECIFICATIONS

STANDARD RANGE											
	Cycle time	Controls	Washtech Range	Rack size	Racks per hour	Items per hour (glasses)	Covers per hour	Bench gap	Water per cycle	Water supply	Soft start
Glasswashers						(glasses)					
GE	60	Hybrid	X-Type	365	60	480		>440	5.0	Hot	
XG	60	Hybrid	X-Type	365	60	480		>440	1.5	Hot	
GM	60, 120, 180	Electronic	M-Type	365 to 450	60	960	80	>500	2.2	Hot	Yes
GL	60, 120, 180	Electronic	A-Type	365 to 450	60	960	80	>535	2.4	Hot	Yes
GL-Black	60, 120, 180	Electronic	A-Type	365 to 450	60	960	80	>535	2.4	Hot	Yes
Undercounter Dis	hwashers					(plates)					
XV	60, 120	Hybrid	X-Type	450	60	960	80	>535	2.2	Hot	
XU	60, 120	Hybrid	X-Type	500	60	1080	90	>575	2.2	Hot	
UD	60, 120, 180	Electronic	M-Type	500	60	1080	90	>575	2.4	Hot	Yes
UL	60, 120, 180	Electronic	A-Type	500	60	1080	90	>600	2.4	Hot	Yes
UL-Black	60, 120, 180	Electronic	A-Type	500	60	1080	90	>600	2.4	Hot	Yes
Passthrough Dish	washers					(plates)					
XM	60, 120, 180	Hybrid	X-Type	450	60	960	96	510	2.2	Hot	
XP	60, 120, 180	Hybrid	X-Type	500	60	1080	108	595	2.2	Hot	
XL	60, 120, 180	Hybrid	X-Type	500	60	1080	108	640	2.6	Hot	
M1C	60, 120, 180	Electronic	M-Type	450	60	960	96	510	2.4	Cold	Yes
M2	60, 120, 180	Electronic	M-Type	500	60	1080	108	595 to 640	2.4	Hot	Yes
M2C	60, 120, 180	Electronic	M-Type	500	60	1080	108	595 to 640	2.4	Cold	Yes
AL	45, 60, 90	Electronic	A-Type	500	80	1440	144	640	2.4	Hot	Yes
ALC	60, 80, 110	Electronic	A-Type	500	60	1080	108	640	2.4	Cold	Yes
WAREWASHER RA											
	Cycle		Washtech		Vash Chambe		Baking trays	Bench	Water	Water	Optional
- 11.6	time	Controls	Range	width	depth	height	per hour	gap	per cycle	supply	fill supply
TW AL8	120, 240	Hybrid	W-Type	800	545	470	120	>860	3.3	Hot	
AL8C	120, 240, 360	-	W-Type	700 700	540 540	650 650		795 795	2.6 2.6	Hot Cold	Hot
PW1	150, 270, 390 120, 240, 360	Hybrid Hybrid	W-Type W-Type	565	600	750	240	>680	2.6	Hot	HOL
PW1C	150, 270, 390	Hybrid	W-Type W-Type	565	600	750	240	>680	2.6	Cold	Hot
PW2	120, 240, 360	•	W-Type W-Type	1100	650	750	480	>1235	4.0	Hot	TIOC
PW2C	150, 270, 390	•	W-Type	1100	650	750	480	>1235	4.0	Cold	Hot
PW3	120, 240, 360	-	W-Type	1050	640	650		1195	4.0	Hot	
PW3C	180, 300, 420	Hybrid	W-Type	1050	640	650		1195	4.0	Cold	Hot
RACK CONVEYOR RANGE Racks Washtech Plates Covers Wash Chamber Bench Water Water									Optional		
	per hour	Controls	Range	per hour	per hour	width	height	gap	per hour	supply	fill supply
CD100	100	Electromechanical	C-Type	1800	240	500	400	1500	300	Hot	
CK100	variable	Electromechanical	C-Type			610	400	1800	300	Hot	
CDe120	120	Electromechanical	C-Type	2160	288	500		1800 OR 1500	180	Cold	Hot
CD150	150	Electromechanical	C-Type	2700	360	500	400	2100	300	Hot	
CDe180	180	Electromechanical	C-Type	3240	432	500	400	2100	180	Cold	Hot
CD200	200	Electromechanical	C-Type	3600	480	500	400	2700	180	Hot	
CDe240	240	Electromechanical	C-Type	4320	576	500	400	2700	120	Cold	Hot

Full stainless componentry	Drain pump	DET & RAI pumps	Assured rinse	Polish-free compatible	Hands-free autodrain	Insulation	Heat recovery	Certified HRU	Power	Dimensions (mm): Width, Depth, Height
		DET only							1p/15A	W 440, D 515, H 775
	Yes	Yes							1p/15A	W 445, D 510, H 775
Yes	Yes	Yes				Door			1p/15A	W 500, D 555, H 860
Yes	Yes	Yes	Yes	Yes	Yes	Full				W 535, D 555, H 835
Yes	Yes	Yes	Yes	Yes	Yes	Full			1p/15A OR 3p/15A	W 535, D 555, H 835
	Yes	Yes							1p/15A	W 535, D 595, H 845
	Yes	Yes							1p/15A	W 575, D 595, H 845
Yes	Yes	Yes				Door			1p/15A	W 570, D 600, H 840
Yes	Yes	Yes	Yes	Yes	Yes	Full			1p/15A OR 3p/15A	W 600, D 635, H 845
Yes	Yes	Yes	Yes	Yes	Yes	Full			1p/15A OR 3p/15A	W 600, D 635, H 845
	Yes	Yes							1p/15A	W 650, D 650, H 1530
		Yes							1p/15A	W 730, D 720, H 1530
Yes		Yes							3p/15A	W 750, D 765, H 1530
Yes	Yes	Yes	Yes	Yes			Yes	Yes	3p/15A	W 630, D 650, H 2025
Yes	Yes	Yes	Yes	Yes					3p/15A OR 1p/15A	W 705, D 720, H 1530
Yes	Yes	Yes	Yes	Yes			Yes	Yes	3p/15A	W 705, D 720, H 2030
Yes	Yes	Yes	Yes	Yes	Yes	Hood			3p/15A	W 750, D 750, H 1530
Yes	Yes	Yes	Yes	Yes	Yes	Hood	Yes	Yes	3p/15A	W 750, D 750, H 2020
Full stainless	Drain	DET & RAI	Assured	Polish-free	Hands-free		Heat	Certified		
componentry	pump	pumps	rinse	compatible	autodrain	Insulation	recovery	HRU	Power	
Yes	Yes	Yes		•	Yes		-		1p/15A	W 860, D 660, H 845
Yes	Optional	Yes	Yes						3p/25A OR 3p/15A	W 905, D 760, H 1745
Yes	Optional	Yes	Yes				Yes	Yes	3p/25A OR 3p/15A	W 905, D 760, H 2010
Yes	Optional	Yes	Yes			Optional			3p/25A OR 3p/15A	W 680, D 780, H 1790
Yes	Optional	Yes	Yes			Optional	Yes	Yes	3p/25A OR 3p/15A	W 680, D 780, H 2065
Yes	Optional	Yes	Yes			Optional			3p/30A OR 3p/20A	W 1235. D 860, H 1790
Yes	Optional	Yes	Yes			Optional	Yes	Yes	3p/30A OR 3p/20A	W 1235, D 860, H 2065
Yes	Optional	Yes	Yes						3p/30A OR 3p/20A	W 1330, D 920, H 1735
Yes	Optional	Yes	Yes				Yes	Yes	3p/30A OR 3p/20A	W 1305, D 920, H 2010
Full stainless	Drain	DET & RAI	Assured	Polish-free	Hands-free		Heat	Certified		
componentry	pump	pumps	rinse	compatible	autodrain	Insulation	recovery	HRU	Power	
Yes		•		•		Optional	,		3p/25A	W 1510, D 765, H 1445
Yes						Optional			3p/25A	W 1800, D 875, H 1445
Yes	Optional		Yes	Yes	Optional	Full	Yes	Yes	3p/35A	W 1760, D 815, H 1590
Yes						Optional			3p/28A	W 2110, D 765, H 1445
Yes	Optional		Yes	Yes	Optional	Full	Yes	Yes	3p/35A	W 2110, D 815. H 1590
Yes						Optional			3p/32A	W 2710, D 765, H 1445
Yes	Optional		Yes	Yes	Optional	Full	Yes	Yes	3p/35A	W 2710, D 815, H 1590



Australia moffat.com.au

Moffat Pty Limited Victoria/Tasmania 740 Springvale Road Mulgrave, Victoria 3170 Telephone +61 3-9518 3888 Facsimile +61 3-9518 3833 vsales@moffat.com.au

New South Wales Telephone +61 2-8833 4111 nswsales@moffat.com.au

South Australia Telephone +61 3-9518 3888 vsales@moffat.com.au

Queensland / Northern Territory Telephone +617-3630 8600 qldsales@moffat.com.au

Western Australia Telephone +61 8-9413 2400 wasales@moffat.com.au



Designed and manufactured by



ISO9001

All Washtech products are designed and manufactured by Washtech using the internationally recognised ISO9001 quality management system, covering design, manufacture and final inspection. ensuring consistent high quality at

In line with policy to continually develop and improve its products, Washtech Ltd reserves the right to change specifications and design without prior notice.

© Copyright Moffat Ltd A.W.B.19.02

HERE FOR YOU

Come see for yourself.

With a wide-ranging network of dealer showrooms you'll always be able to experience the power and precision of the Cobra range up close and personal.

Here our skilled chefs and expert sales team can take you through all the functions and options, ensuring you've got every appropriate resource for assessing and choosing new equipment perfectly matched to your unique requirements.

Introductory sessions can be booked online.

moffat.com.au

THERE FOR YOU

You can never plan for every contingency. But you can have the systems in place to make certain that any incident can quickly and expertly be resolved.

That's what we take pride in - the renowned Moffat full service back-up 24 hours a day, 7 days a week.

Our Technical Service Department provides experienced support to our team of trained service personnel in each branch.

Our strategically placed service providers also deliver backup to outlying areas, and a national toll-free number ensures you've got immediate support when and where you need it.

Freephone 1300 264 217











an Ali Group Company

