

WASHTECH®



Conveyors

A dependable worker.

Heavy-duty construction.

All Washtech conveyor dishwashers are constructed from heavy-duty stainless steel, and are equipped with heavy-duty stainless steel componentry. The dual-track, heavy-duty stainless steel pawl drive, easy-to-maintain electromechanical controls and high performance pumps deliver superior durability and reliability for a longer useful life.

Unrivalled serviceability.

Our conveyors are designed with serviceability in mind. Wide counterbalanced doors, an open pawl drive architecture and easy-to-remove wash arm cassettes simplify cleaning and maintenance procedures. The functional design ethos embodied in our common conveyor platform delivers a highly serviceable system that ensures maximum uptime.





Substantial power savings.

CDe Series includes an integrated heat recovery unit, which condenses steam emissions to recirculate heat energy through cold inlet rinse water. This reduces the power required for final rinse stage heating by up to 60%, significantly lowering operating costs. The heat recovery unit is now offered as an option on CD Series, making it more accessible to more operators.

World-class water consumption.

CDe Series also includes our innovative multi-stage EcoRinse system, reducing water consumption to 180 liters per hour on CDe120 and CDe180, and just 120 litres per hour on CDe240. This equates to half a litre per rack at full speed, making CDe240 4x more efficient per rack than CD120, and approximately 5x more efficient than typical passthrough dishwashers.

Environmentally conscious.

CD Series

Classic performance.

Optimised for versatility.

The enhanced rinse system on CD Series models is the result of almost two decades of refinement, delivering a 25% reduction in water consumption compared to previous generation CD models. The extended wash zone, large wash cassettes and heavy final rinse means CD Series is also suitable for oversized and/or more heavily soiled items.

Impressive standard features.

All models are constructed from heavy-duty stainless steel for durability and long-term reliability. Refined electromechanical controls now include digital gauges and illuminated stainless steel switches. Automatic start/stop halts conveyor operation when no racks are pending to conserve power and water, restarting when a rack enters the dishwasher.

More efficiency, same versatility.

An integrated heat recovery unit is now available as an option on CD Series, combining power-saving innovation with the versatility of a conventional large chamber wash and rinse system. CD Series + HRU can reduce final rinse power consumption by up to 45%, and is SEED certified for operation without an extraction canopy in most venues throughout Australasia.²

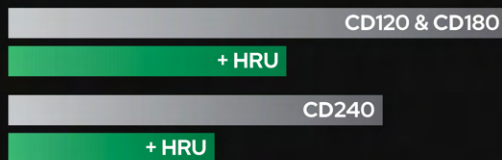


CD Series
+ HRU

Up to

45%

less final rinse
power usage¹



New age efficiency.



Optimised for efficiency.

The innovative multi-stage EcoRinse system on CDe Series models uses up to 33% less water and consumables compared to the more conventional rinse system on CD Series. This makes CDe Series models the more cost-effective and environmentally responsible choice for operators washing typical dishwasher-friendly items in standard racks.

Additional premium features.

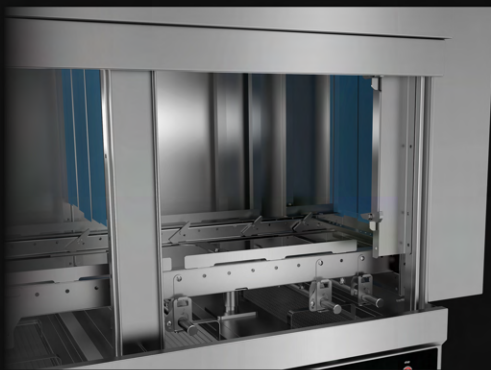
CDe Series models add to the already impressive standard features of CD Series. Dual-speed control enables operators to easily switch between two wash speed presets. Full thermal and acoustic insulation reduces steam, noise and heat emissions. CDe180 and CDe240 include externally accessible pre-wash zone scrap trays for rapid emptying during operation.

Ultra-low power consumption.

The integrated heat recovery unit, combined with the reduced water consumption of the multi-stage EcoRinse system, makes CDe Series models incredibly power efficient. Compared to CD Series, final rinse power consumption is reduced by up to 60%, which lowers operating costs by as much as thousands of dollars per year.

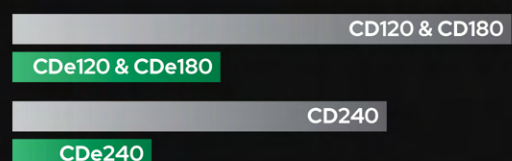
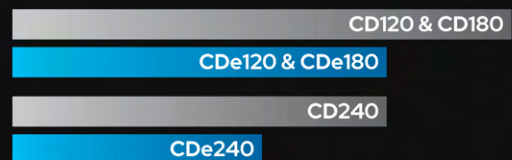
Reduced capital requirements.

The significant reduction in steam emissions, enabled by the integrated heat recovery unit, means that CDe Series models are SEED certified for operation without an extraction canopy in most venues throughout Australasia.²



Up to
33%
less water &
consumables

Up to
60%
less final rinse
power usage¹



² Subject to adequate site ventilation.

A complete system solution.



Tailored to your requirements.

Washtech offers many custom build-to-order options that tailor a system to your venue. Side load tables, angle-entry pre wash, corner dryers and more enable space-saving configurations. Custom rack paths and slides are available for unique (non-rack) items. Conveyors can even be configured with bespoke heating solutions to resolve power limitations or to run on pre-existing steam infrastructure.

A well-rounded wash station.

When specifying a system, the right accessories are essential to maximise real world capacity. Our system accessories optimise loading, drying and unloading procedures to allow operators to keep pace with the speed of the conveyor system. The illustrated CDe240 system achieves this with a custom sorting station, corner pawl drive, dryer module and outlet roller tables.



- 1 Sorting Station (SS2200)
- 2 90° Pawl Drive (P90)
- 3 CDe240
- 4 In-Line Dryer (D1200)
- 5 Roller Tables (R90 + R1000)

In-house system designers.

Complete system proposals for conveyor customers are designed and rendered in 3D CAD by Washtech, just like the system illustration featured above. Direct oversight of every proposal by Washtech's own engineers ensures that any customisations or modifications do not compromise the operational efficiency, reliability and longevity of the system.

Specifications



	CD120	CD120 ^{+HRU}	CDe120
Standard wash capacity (racks/hr)	120	120	120
Heavy-duty warewashing capacity (racks/hr)	80	80	-
Glasswashing capacity (racks/hr)	180	180	180
Standard wash capacity (plates/hr)	2,160	2,160	2,160
Water consumption (litres/hr)	240	240	180
Water consumption (litres/rack) ¹	2.0	2.0	1.5
Water conserved per rack compared to CD120 ¹	-	-	(25%)
Final rinse heating power consumption (kW/hr) ²	20.1	11.2	8.4
Final rinse heating power consumption (W/rack) ¹	167.5	93.3	70.0
Final rinse heating power conserved per rack compared to CD120 ¹	-	(44.3%)	(58.2%)
Cold inlet water supply (< 25°)	-	Required	Required
Hot inlet water supply (> 65°)	Required	Recommended	Recommended
Direct external steam extraction ³	Required	SEED certified	SEED certified
Power requirements ⁴	3p/25A	3p/30A	3p/35A
Maximum power load (kW) ⁴	16.8	20.0	26.0
EcoRinse	-	-	3-stage
Heat recovery unit	-	Included	Included
Thermal & acoustic insulation	Optional	Optional	Included
Dual-speed control	Optional	Optional	Included
Automatic start/stop	Included	Included	Included
Pre-wash zone length (mm)	-	-	-
Wash zone length (mm)	900	900	600
Rinse stages	1	1	3
Chamber height (mm)	400	400	400
Chamber width (mm)	500	500	500
Overall length (mm)	1,500	1,755	1,755
Overall height (mm)	1,455	1,835	1,835
Overall width (mm)	765	765	765

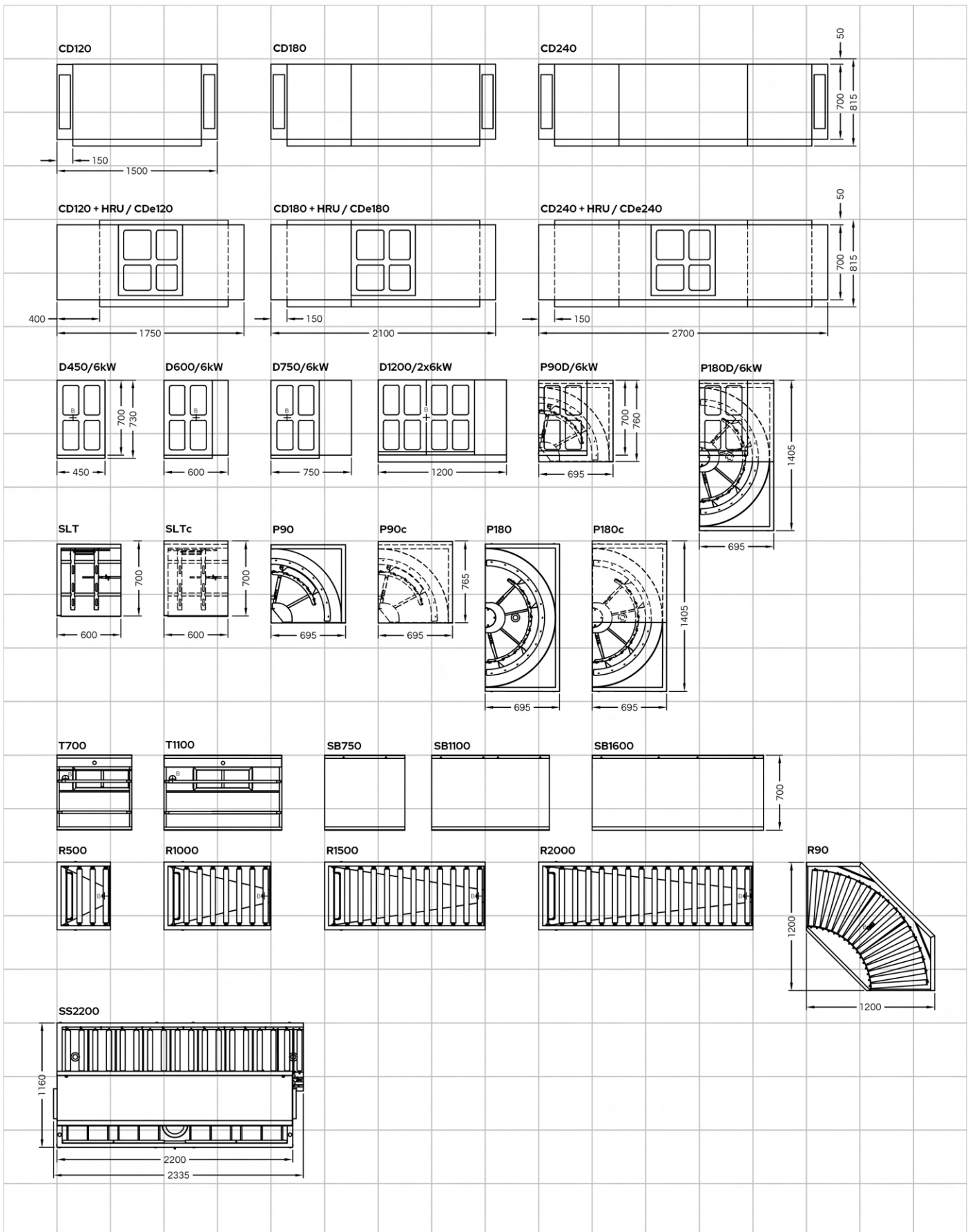
**CD180****CD180+HRU****CDe180****CD240****CD240+HRU****CDe240**

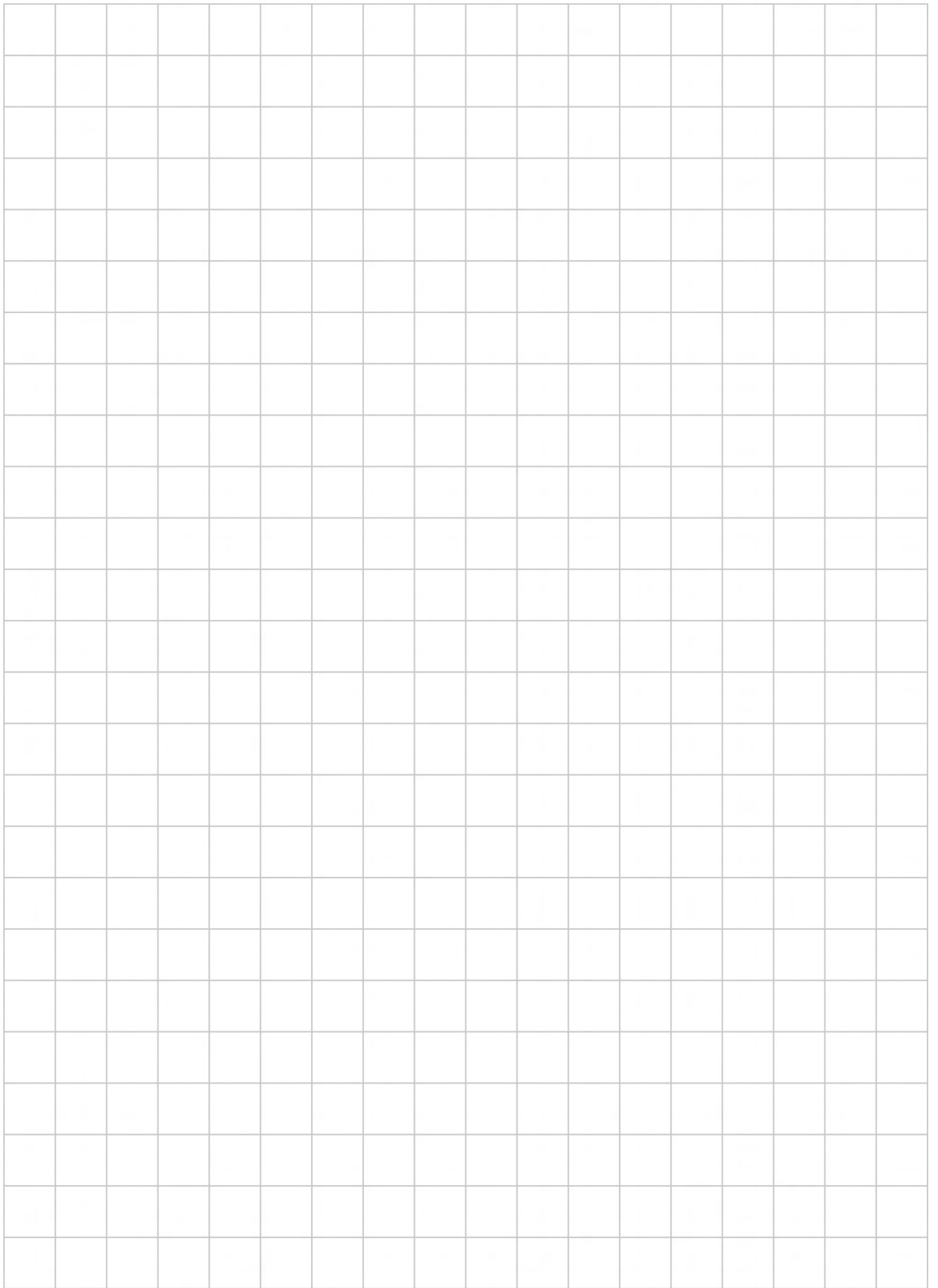
180	180	180	240	240	240
120	120	-	160	160	160
240	240	240	300	300	300
3,240	3,240	3,240	4,320	4,320	4,320
240	240	180	180	180	120
1.33	1.33	1.0	0.75	0.75	0.5
(33.3%)	(33.3%)	(50%)	(62.5%)	(62.5%)	(75%)
20.1	11.2	8.4	15.1	8.4	5.6
111.7	62.2	46.7	62.9	35.0	23.3
(33.3%)	(62.9%)	(72.1%)	(62.4%)	(79.1%)	(86.1%)
-	Required	Required	-	Required	Required
Required	Recommended	Recommended	Required	Recommended	Recommended
Required	SEED certified	SEED certified	Required	SEED certified	SEED certified
3p/28A	3p/35A	3p/35A	3p/32A	3p/35A	3p/35A
19.0	22.2	26.0	21.0	24.4	27.5
-	-	3-stage	2-stage ⁵	2-stage ⁵	3-stage
-	Included	Included	-	Included	Included
Optional	Optional	Included	Optional	Optional	Included
Optional	Optional	Included	Optional	Optional	Included
Included	Included	Included	Included	Included	Included
600	600	600	600	600	600
900	900	600	1,200	1,200	1,200
1	1	3	2	2	3
400	400	400	400	400	400
500	500	500	500	500	500
2,100	2,100	2,100	2,710	2,710	2,710
1,455	1,835	1,835	1,455	1,835	1,835
765	765	765	765	765	765

³ "SEED certified" models are certified for installation without an extraction canopy, subject to adequate site ventilation.

⁴ Some system accessories will increase power requirements and maximum load. ⁵ Optional 3-stage EcoRinse available.

System Layout





All Washtech products are designed and manufactured using the internationally recognised ISO9001 quality management system, spanning design, manufacture and final inspection, ensuring consistently high quality.

Washtech continually seeks to develop and improve our products, thus Washtech reserves the right to change specifications and design without prior notice.

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The Spirit of Excellence

