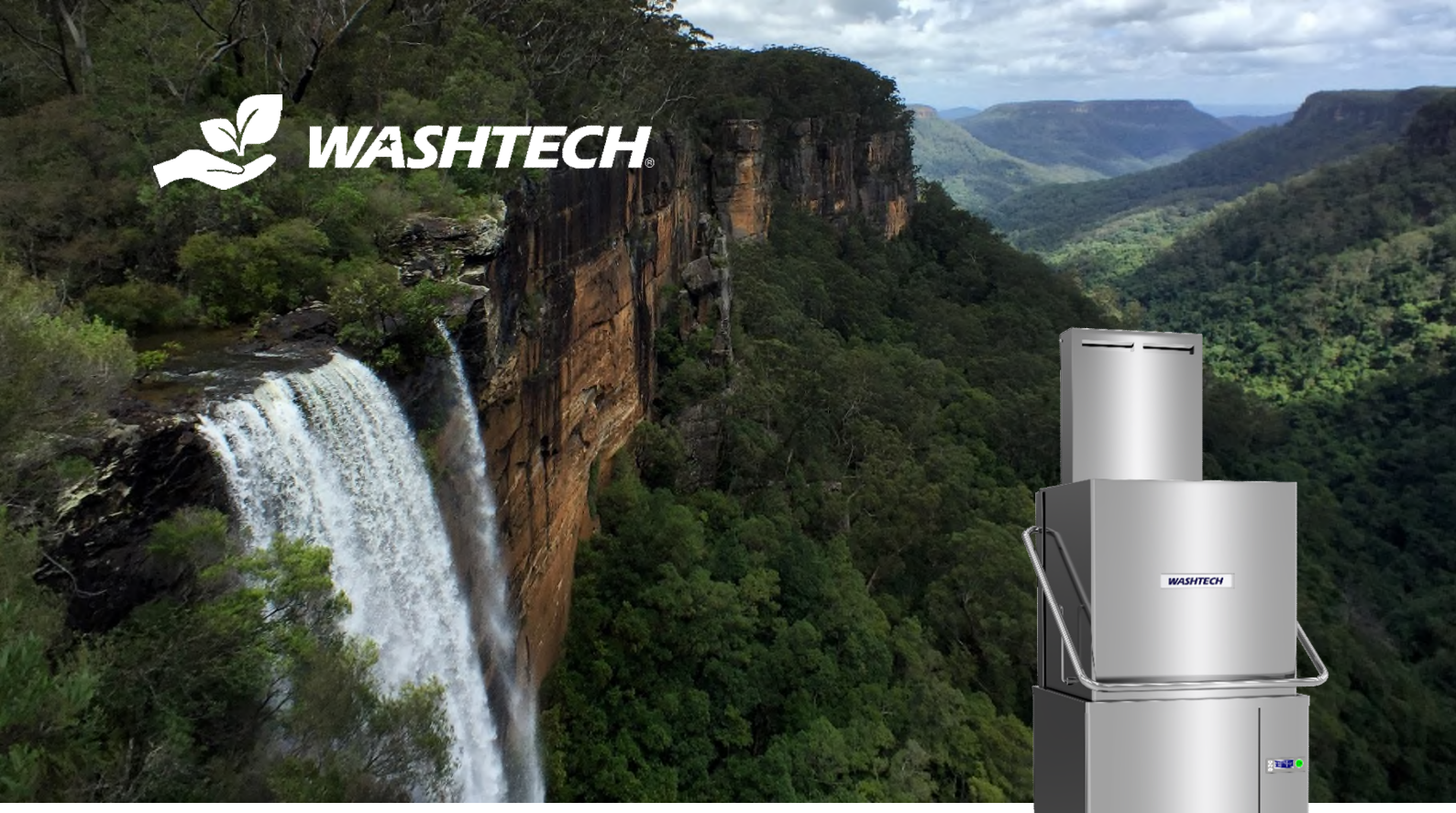

PLANET TECHNOLOGY – ALC

With the ALC providing tangible savings and not requiring an extraction canopy, making the right choice for the planet has never been as easy for your business.

By recovering heat from the steam produced during operation, and simultaneously using it to heat incoming water, the Washtech ALC will provide your establishment with:

✓ Significant reductions in operating costs in excess of $2000 per year*.
✓ Considerable reduction in steam emissions which eliminates the need for an extraction canopy in most locations**.

Additional Benefits:

- Improved operating environment: Drawing air from the machine during the cycle ensures minimal emissions during the cycle and when the hood is opened.
- Same great dishwasher: The ALC is constructed from heavy duty stainless steel and will provide the same excellent wash results year-after-year as the standard AL, using 500mm racks and fitting a 640mm bench gap in 700mm deep benching.
- Lower cost water treatment options: The cold inlet water required by the ALC is cheaper and easier to treat than a hot water supply.
- Polish-free glasswasher: Operating 60 second cycles efficiently on cold water and providing accelerated drying results makes the ALC an ideal part of a high capacity polish-free glasswashing system.

5·2·1 WARRANTY
5 YEAR CABINET PARTS ONLY
2 YEAR WASH PUMP PARTS & LABOUR
1 YEAR PARTS & LABOUR

*Savings calculations assume 20°C inlet temperature, with 30 cycles run per hour, 8 hours per day, 360 days per annum, at average power cost of $0.30 per kWh.
**Full certification from SEED is available on request, always subject to local authority approval.

WASHTECH®
PROFESSIONAL WASH SYSTEMS

AL vs ALC

Energy Consumption Comparison
Indicative and for Discussion Purposes only

Assumptions:

Days usage per annum	360
Hours operation per day	8
Average cycles per hour	30
Power cost (kWh)	$0.30

	Washtech AL Standard Hot Water 3 Phase/15 Amp Canopy Required	**Washtech ALC** Heat Recovery Cold Water 3 Phase/15 Amp Canopy not required*
Rinse Water Usage (per day):		
Water consumption per cycle (L)	2.4	2.4
Total water usage per hour (L)	72	72
Total water usage per day (L)	576	576
Rinse Water Heating (per day):		
Onsite heating to 65°C (from 20°C)	$ 31.91	
Standard machine heating to 83°C **	$ 19.85	
Dishwasher with HRU to 83°C ***		$ 30.49
Daily Rinse Water Heating Cost:	$ 15.53	$ 9.15
Annual Rinse Water Heating Cost:	$ 5,590.00	$ 3,293.00
Forecast Annual Cost Savings:		**$ 2,297.00**
Forecast 10-Year Cost Savings:		**$ 22,972.47**

Plus: Reduced Cost of Extraction: **$**_____
The M2C emits significantly less steam and is certified for installation without an extraction canopy.

Plus: Reduced Cost of Water Treatment: **$**_____
It is generally more economical to treat cold water, making dishwashers with HRUs plus a softening system ideal for hard water sites.

Total Forecast Savings For Your Restaurant: **$**_____

This is intended as an indicative analysis of the potential differences in operating costs for discussion purposes only. The total operating cost of both models will be higher once the water used to fill the machine and wash heating etc. are accounted for.
*SEED certified for installation without a canopy in most locations. Certification available on request. Subject to local authority approval.
**Reduction in inlet temp between onsite heating and dishwasher will vary due to a number of factors. In this example it is assumed to be 10°C.
***In factory trials the Washtech M2C HRU produces >20°C of heating from a 20°C cold water supply when operating on the medium cycle.