PLANET TECHNOLOGY – PW2C

BETTER FOR OUR ENVIRONMENT

AND BETTER FOR YOUR BUSINESS

Making the right choice for the planet has never been as easy, or as good for your bottom line.

By recovering the heat from the steam generated during the operation of the warewasher to heat the incoming rinse water, the Starline PW2C will provide your establishment with:

- ✓ Significant reductions in operating costs in excess of $1000 per year*
- ✓ A pleasant working environment for your staff, due to the significant reduction in steam both volume and temperature of steam emissions.

Additional Benefits:

- A 40% reduction in operational costs.
- Suitable for installation without an extraction canopy in many situations* due to the significant decrease in both temperature and volume of steam emissions, resulting in a better working environment for your staff.
- Lower cost water treatment options: The cold inlet water required by the PW2C is cheaper and easier to treat than a hot water supply.
- 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 PW2C is constructed from heavy duty stainless steel and will provide excellent wash results year-after-year, as per the renowned PW2.

*Savings calculations assume 20°C inlet temperature, with 10 medium cycles run per hour, 10 hours per day, 360 days per annum, at average power cost of $0.20 per kWh.

STARLINE
PROFESSIONAL WASH SYSTEMS

PW2 vs PW2C

Energy Consumption Comparison

Indicative and for Discussion Purposes only

Assumptions:

Days usage per annum	360
Hours operation per day	10
Average cycles per hour	10
Power cost (kWh)	$0.20

Starline PW2
Standard
Hot Water
3 Phase/30 Amp
2/4/6 minute cycles
Canopy Required

Starline PW2C
Heat Recovery
Cold Water
3 Phase/30 Amp
2.5/4.5/6.5 minute cycles
Canopy not required*

Rinse Water Usage (per day):		
Water consumption per cycle (L)	4.0	4.0
Total water usage per hour (L)	40	40
Total water usage per day (L)	400	400
Rinse Water Heating (per day):		
Onsite heating to 65°C (from 20°C)	22.16	
Standard machine heating to 83°C **	13.79	
Dishwasher with HRU to 83°C ***		21.17
Daily Rinse Water Heating Cost:	$ 7	$ 4
Annual Rinse Water Heating Cost:	$ 2,588	$ 1,524
Forecast Annual Cost Savings:		**$ 1,064**
Forecast 10-Year Cost Savings:		**$ 10,640**

Plus: Reduced Cost of Extraction: **$**_____

The PW2C 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 Business: **$**_____

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.
**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 20°.
***In factory trials the Starline PW2C HRU produces >20° of heating from a 20° cold water supply when operating on the medium cycle.