

PR *green* OPTIONS

Condensing unit with heat recovery

Rhima has used heat recovery steam condensers on large commercial dishwashers with efficient results for many years.

And now a newly designed system can be added to the PR Green pass through dishwasher.

At the end of the cycle when the hood is lifted slightly an inbuilt extraction fan removes excess steam from the machine.

This hot air is passed through a condenser and is cooled by incoming cold water.

The hot air pre-heats the water in the condenser for use in the final rinse. At the same time cool air is blown into the dish room.

Heat recovery for overflow water

A heat exchanger built into the rear panel of the machine uses the excess heat of the used water to heat incoming cold water used for the final rinse.

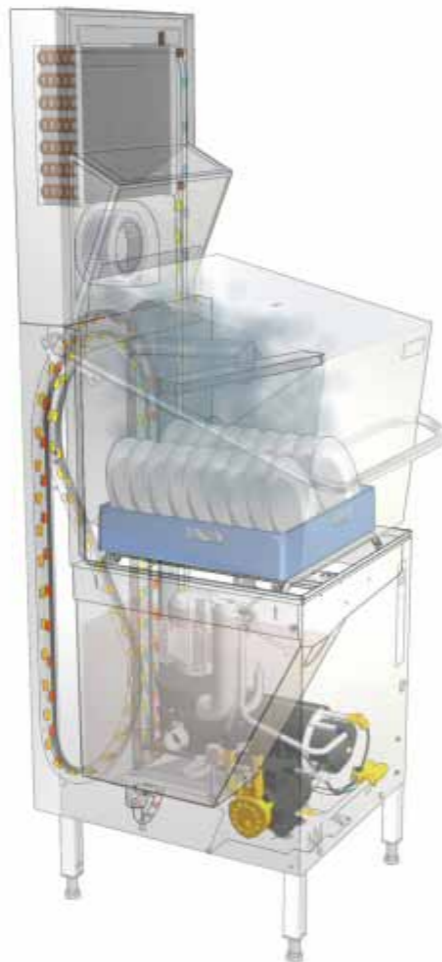
This efficient system saves approximately 34% of energy required or 0.11kW per basket.

In combination with a condensing unit savings of about 44% are possible or 0.14kW per rack.

Excess water from the dishwasher can either go to drain or to the pre rinse washer. In either case the temperature of this excess water is not required to be hot.

Benefits of the Steam Condensing Unit

- improves room temperature and the working environment
- no need for external ventilation
- saves approximately 9% of energy costs, or 0.03kW per rack
- easy to clean
- ideal for areas where external extraction is impossible



Features of the HACCP analysis

Our new generation dishwashing machines are now available with automatic HACCP documentation.

The wash and rinse temperatures are monitored and displayed to verify that the machine is complying with HACCP guidelines.

From then on you don't need to keep a manual log of temperatures, electricity or water consumption. So, the machine fulfills and satisfies current hygiene requirements.

The diagnostic function verifies key information for optimum hygiene, and is documented and stored in the machine. You only need to print it when required.

Save money and take control of the washing process. By monitoring the running costs they can be minimised, keeping the total life cycle costs down.

Simplify your everyday work and choose HACCP Analysis with the PR Green dishwasher

**Call Rhima Australia today on 1800 659 292
www.rhima.com.au**

PR *green*

Introducing an innovative and environmentally friendly solution for your dishwashing operations.

The versatile Pre-Rinse Green pass through dishwasher will revolutionise your dishroom.

Features

- auto pre rinse
- auto start
- auto open & close hood
- full insulation for heat & noise reduction
- water savings
- lower operating costs
- electricity savings
- optional steam condenser
- optional HACCP analysis

Pre-rinse spray no more



PR *green* DISHWASHER

The PR Green solution:

If you wash 150 racks per day, then each year:

- you save around 200,000 litres of water
- you save 8000 kWh energy when using warm or hot water
- you save the environment from 4100 kg CO2
- you save 85 hours of labour
- your staff have 55,000 less manual repetitive movements
- you use less detergent
- your work environment is improved with less water splashing (OH&S)
- you achieve a higher capacity out of a single tank machine



If a single tank machine is too small and a rack conveyor too large, then look no further than the new PR Green Dishwasher.

How it works

No longer will you need an overhead spray unit to pre-rinse soiled dishware. Forget the extra manual labour involved, and the additional use, or rather waste, of clean water with the PR Green.

Just simply push your dish rack into the pre-rinse unit. The hood will automatically close and soiled items will be pre-rinsed.

After 30 seconds the hood auto-opens and the rack is pushed into the main dishwasher. The auto start system will close the hood and begin the cycle.

And, for versatility, if your soil load is light, the PR Green can simply be by-passed. It does not operate if a rack is not detected in the chamber.

Water saving

The PR Green washes with hot detergent water, followed by a fresh water final rinse. There is a significant water saving by using overflow water from the dishwasher in the pre-rinse unit.

Not only does the PR Green give cleaner results, it reduces the total running cost by eliminating manual pre-rinsing. So energy consumption is dramatically reduced. And operators can sort and segregate dirty dishes more easily and efficiently.

Labour saving

For optimum efficiency the total washing time of the PR Green dishwasher is less than that of a standard pass through machine. The auto pre-rinse, auto start system and automatic hood opening and closing can cut labour costs by up to 50%.

PR Green eliminates the need for a pre-rinse spray unit & soak sink

Case Study:

If you wash 150 racks per day, then each year you save around 200,000 litres of water

