

REUSE. REDUCE. REMOVE.

Setting a New Standard for Cleaner Wash

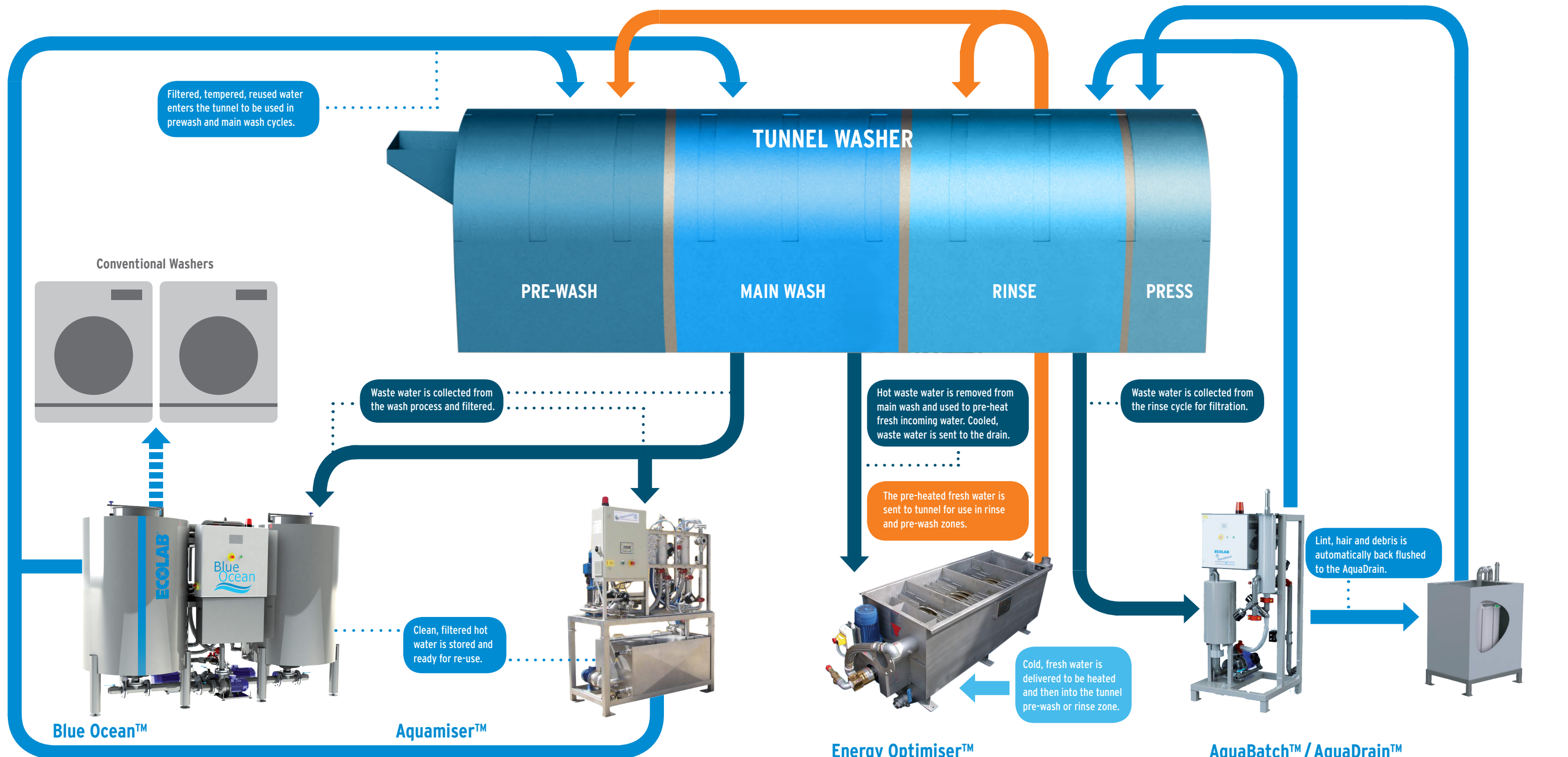
Ecolab's best in class water and energy equipment not only reduces water and energy use, but more effectively filters and removes lint, hair and debris from water and fabrics. This innovative equipment helps minimize expenses and overall operational costs, letting you do more with less.



Filter More Out to Improve Your Tunnel Performance

Ecolab's water and energy equipment utilizes in-line process filtration to improve water re-use and energy recovery.

Rinse water is filtered to remove lint, hair and debris and filtered back flush water is returned to the press pan for reuse.



Blue Ocean™

Aquamiser™

Energy Optimiser™

AquaBatch™ / AquaDrain™

The most efficient and reliable system has the capacity to recover up to 4,000 gallons per hour. Waste water is removed from the wash process and filtered. The cleaned, already heated water, is then sent back to either tunnel or conventional machines for a new wash cycle.

- ▲ Fresh water savings up to 60%
- ▲ Hot water savings up to 25%
- ▲ Automatic and self-cleaning
- ▲ Flexible setup to match multiple process needs

The Aquamiser filters water used in the wash process, then re-uses the warm water in a new wash cycle. Reduces water and energy usage in tunnel washers, resulting in significant savings without compromising wash quality.

- ▲ Fresh water savings up to 75%
- ▲ Hot water savings up to 25%
- ▲ No significant change in chemistry required
- ▲ Simple to use and install into existing water flow with minimal piping

Uses hot waste water to preheat fresh incoming water to be used in tunnel wash process.

- ▲ Recovers 75% of the heat from the hot waste water
- ▲ Achieves up to 50% energy savings on tunnel operations, 20% total plant energy savings
- ▲ Self-cleaning, non-fouling design does not require pre-filtration
- ▲ Small footprint, no plant infrastructure required

The AquaBatch is designed for in-line filtration of the rinse cycle of a tunnel washer. The AquaDrain is a bag filtration system used to collect hair, lint and debris filtered by the AquaBatch.

- ▲ Water is filtered 2 to 3 times per cycle
- ▲ Removes lint and hair through single step filtration
- ▲ Improves the quality of washed textiles
- ▲ Easily connects to most tunnel washers
- ▲ Helps reduce clogged sewage pipes

Water and Energy Solutions



Energy Optimiser™

Achieve up to 50% energy savings on tunnel operations.



AquaBatch™/AquaDrain™

Hair and lint removal from tunnel washers and solid particle removal from the back flush, reducing chemical oxygen demand.



Blue Ocean™

Save water and energy by recovering up to 4,000 gallons of hot water per hour.



Aquamiser™

Reduce water usage in tunnel washers by 30% to 40%.

Delivering Sustainable Impact



Water Savings

for soiled linen we can reduce fresh water (ie. to 0.4 gal/lb. in tunnels)



Energy Savings

recycled water is warm, using less energy to heat to desired temp



Waste Water

decreased Biological Oxygen Demand/Chemical Oxygen Demand when AquaDrain is used



Increase Chemistry Efficiency

chemistry still active in the filtered water that is reused



Process Control

consistent water quality, fully automatic self-cleaning



Water & Energy

equipment is automatic and pre-assembled

Contact Your Ecolab Representative Today For Your Free Plant Survey.