

New Product
Release

Evolution

BIOCLEAN®

A New Dilution Wall

designed to work with our
Patented Automated *Heated* Cleaning System
on your converters

Gain an extra 30+ minutes
production a day



Cleaning in Place - Enzyme based detergent series products

EVOLUTION BIOCLEAN - YOUR ANILOX'S ARE ALWAYS CLEAN. A COMPLETE TOTALLY AUTOMATED SOLUTION FOR YOUR PLANT

Evolution BIOCLEAN®

Gives you an extra 30+ minutes of production a day.

The 'BIOCLEAN' patented automatic system has become an international industry standard and our 5G has been recognised as an astounding success in the printing industry. Now, EVOLUTION BIOCLEAN *Heated*, moves the bar ahead yet again. With our continuous development program and optimisation of our interactive molecular formulations, EVOLUTION BIOCLEAN *Heated* offers an amazing 2-4 minute wash cycle - a 50% reduction in the wash cycle time.

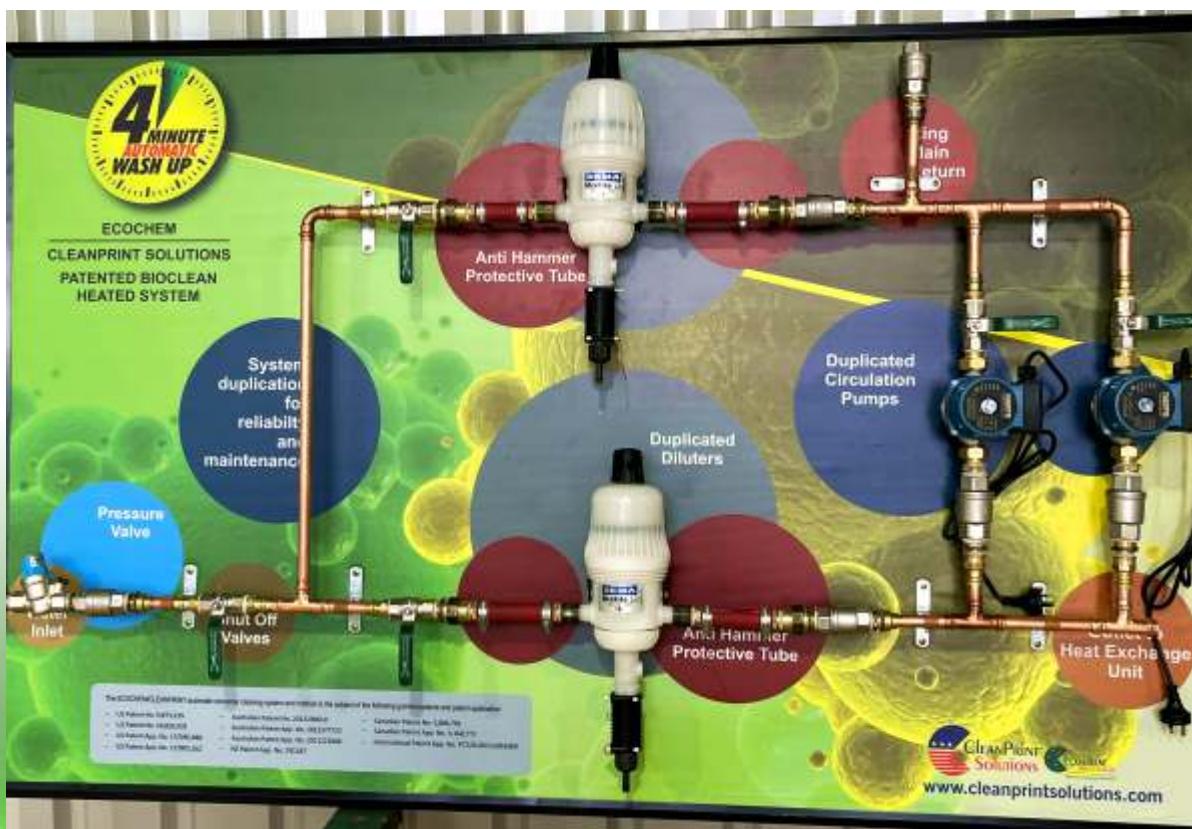
Plus you get increased savings through higher supplied concentration and greater dilution rates at the print machine. EVOLUTION BIOCLEAN *Heated* is cutting edge chemical technology with a unique blend of safe, water based solvents, surfactants and specially designed enzymes to liquefy dried ink rapidly without any corrosive effect on equipment.

The next step forward - our New Dilution Wall

Used exclusively with Ecochem's patented automatic cleaning system, EVOLUTION BIOCLEAN *Heated's* optimised new delivery technology improves installation, maintenance and reliability.

With a duplicated and redundant design featuring two circulation pumps, two dilution devices, one is redundant, and regularly our service manager will service the wall, turning off the device in use and turning on the redundant device, service the device by stripping it down, replacing O rings and checking valves to deliver improved reliability and maximise your production output.

The Evolution BioClean *Heated* Dilution Wall



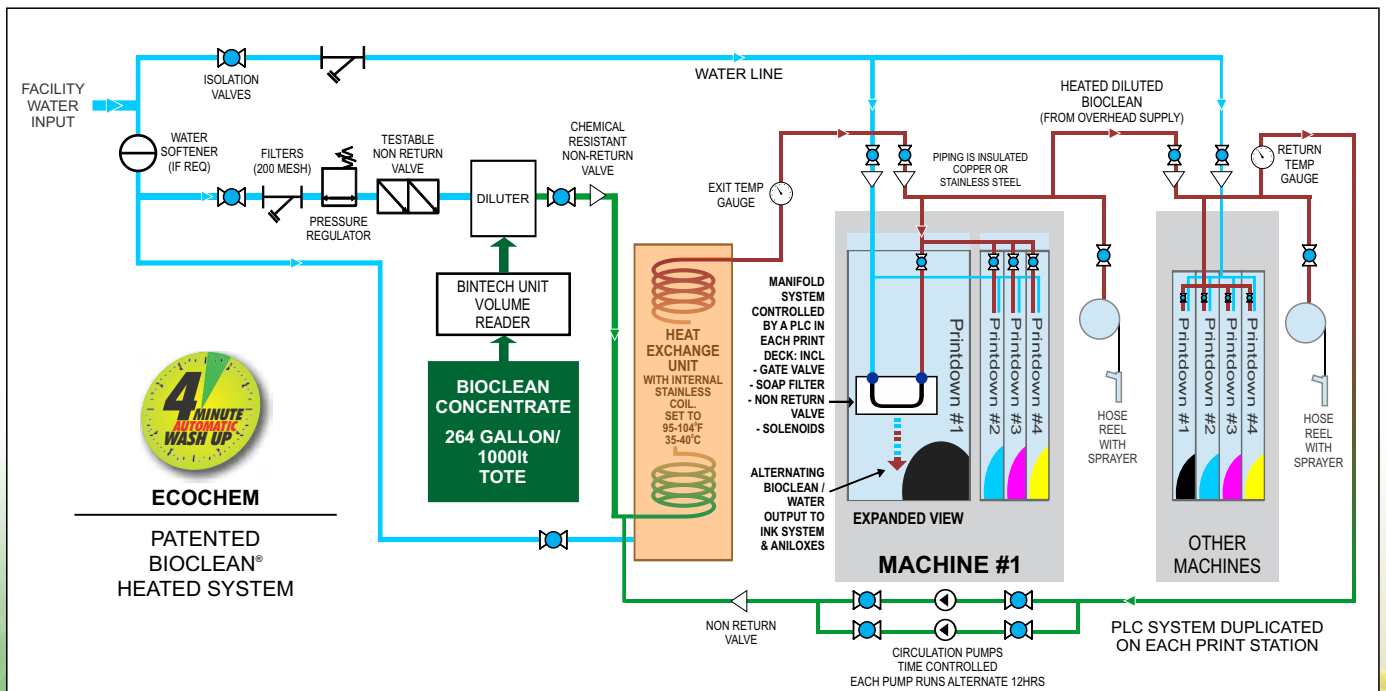
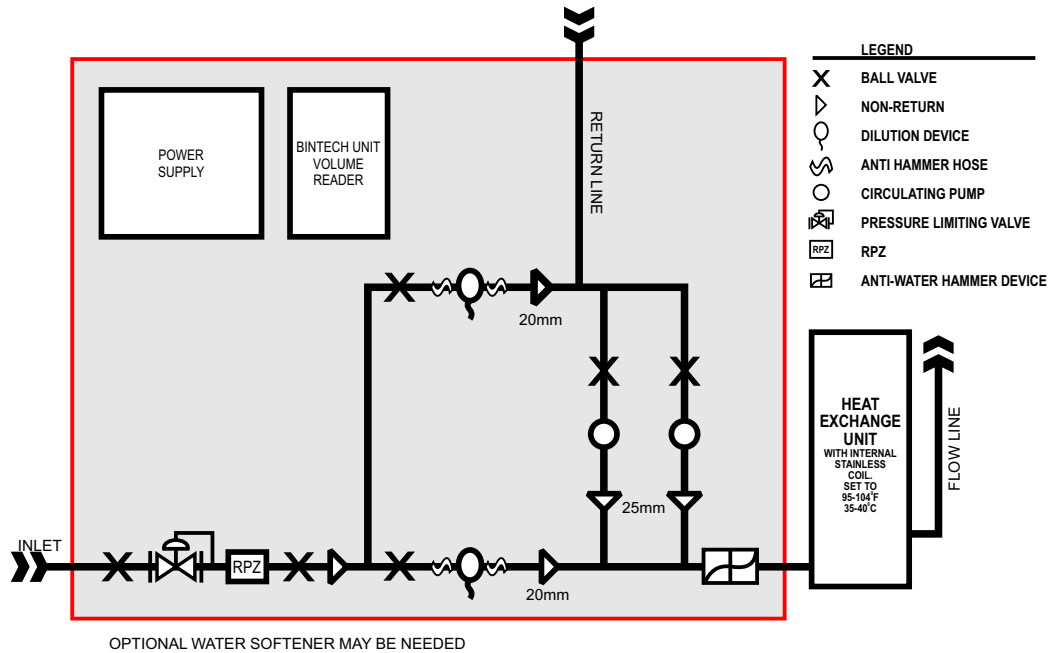
The Ecochem Automated System

The patented Ecochem System pulls EVOLUTION BIOCLEAN concentrate from a 1000lt/264-gallon tote, dilutes it and delivers it directly to every print station. There, it ties into the water lines and uses a special electronic control to deliver EBC to the anilox rolls and ink systems.

The New Dilution Wall fits seamlessly into the existing system, enabling a simpler and faster installation and easier maintenance and serviceability.

The Ecochem system once again sets a high standard for the corrugated box industry.

Detail of the Evolution BioClean Heated Dilution Wall



A New Dilution Wall

Designed to work with our
Patented Automated *Heated* Cleaning System
on your converters

Bill of Materials

- Dema dosing device x 2
- Recirculating pump x 2
- 20mm 500kpa pressure limiting valve x 1
- 20mm Stainless steel non-return valve x 4
- 25mm Stainless steel non-return valve x 2
- 20mm fem ball valve x 5
- 20mm copper crimp tee x 5
- 20mm copper crimp elbow x 2
- 20mm male-copper crimp union x 6
- 20mm female-copper crimp union x 2
- 20mm male-compression union x 5
- 20mm brass M-F barrel union x 4
- 20mm brass male-barb union x 8
- 20mm brass socket x 4
- 20mm hex nipple x 1
- 25-20mm hex nipple x 2
- 25-20mm brass bush x 2
- 32mm hose clamps x 8
- 20mm clip head for copper x 7
- Adjustable stand off bracket x 7

**2-4
Minute
Wash Cycle**

Contact us now for more information and a convincing on-site demonstration



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Go online to Evolution BioClean