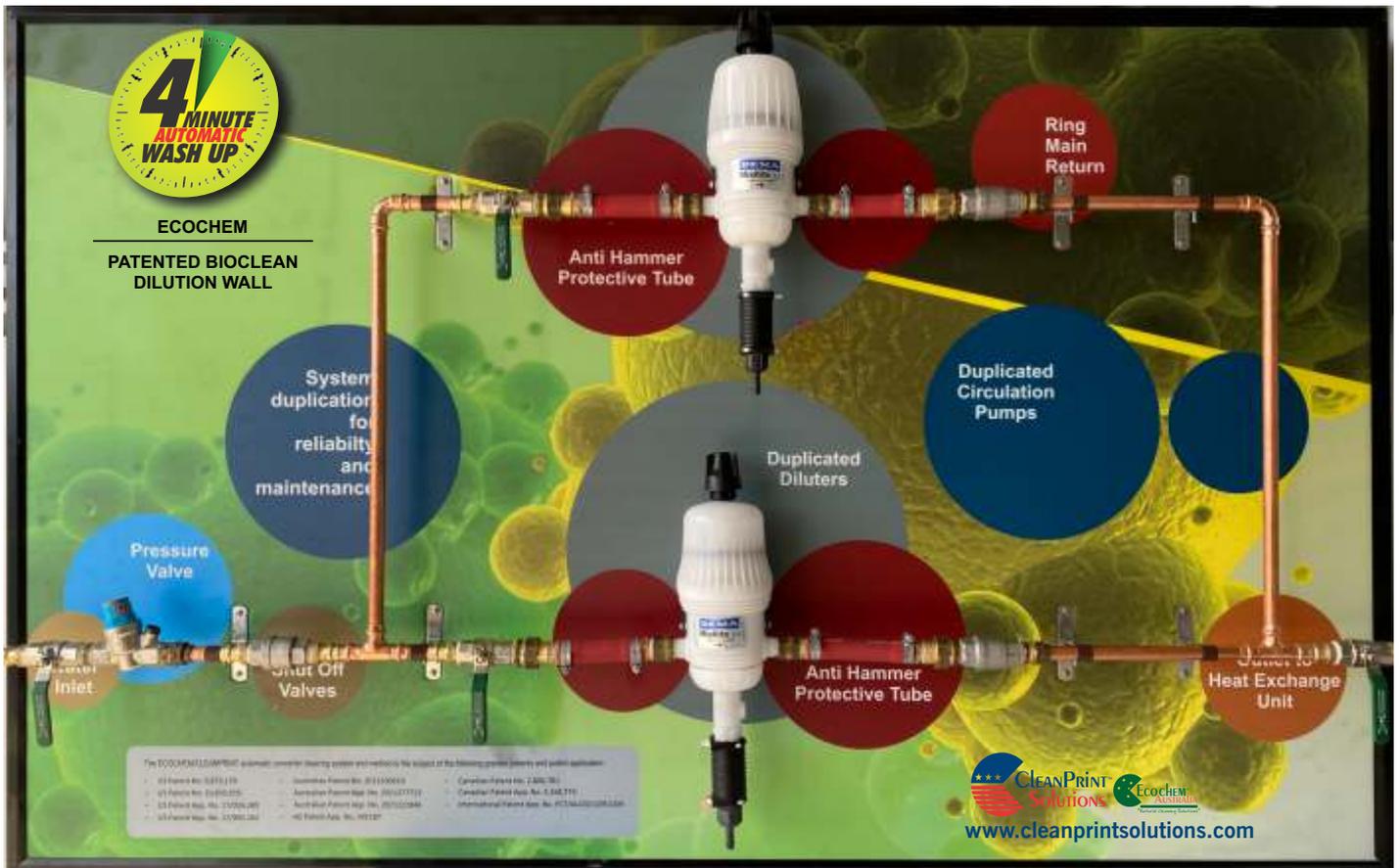


# Evolution BioClean® Cold Dilution Wall

## Parts and Assembly



The Ecochem Cold Dilution Wall - Size 1900 x 1190mm

**BioClean gives you an extra 30+ minutes of production a day.**

**The next step forward - our New Cold Dilution Wall**

Used exclusively with Ecochem's patented automatic cleaning system, EVOLUTION BIOCLEAR® Cold's optimised new Dilution Wall delivery technology improves installation, maintenance and reliability.

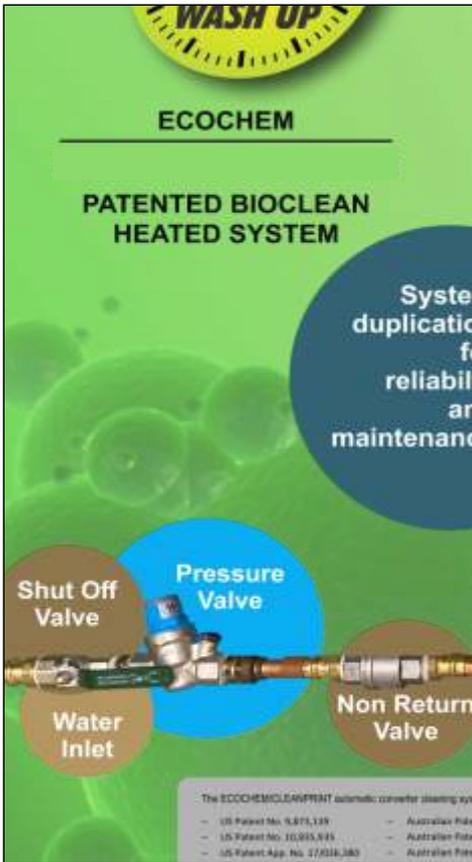
With a duplicated and redundant design features two dilution devices, one is redundant and regularly our service manager will service the wall, turning off the device in use and turning on the redundant device, service the device by stripping it down, replacing O rings and checking valves to deliver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

**Follow the illustrations to assemble the Cold Dilution Wall in your plant.**



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

Trademark owned by Ecochem P/L ©\*Reg. US Pat. & Tm. Off.



# Inlet Section

The Ecochem Cold Dilution Wall is a derivative of our successful heated Dilution Wall. Using the same wall it allows the easy installation of our patented dilution system, whilst allowing for future integration of a heated system.

For assembly of dilution wall parts.

1. For brass threads use Teflon or Loctite pipe sealing cord.
2. For copper crimp tube, use a crimping tool.
3. Copper flare tool used for compression fittings.
4. This was assembled using Australian parts, lengths of copper may change due to the size of parts used.



Adjustable stand off bracket (64mm set out)



Clip head to suit 20mm copper



20mm male-bpress copper crimp (gas o-ring)

20mm female isolation ball valve

20mm Brass hex nipple

20mm 72.5 psi pressure limiting valve

20mm male-female brass barrel union

76 x 20mm copper pipe

20mm male-bpress copper crimp (gas o-ring)

20mm female stainless steel spring check valve

20mm male-bpress copper crimp (gas o-ring)

This was assembled using Australian parts, lengths of copper may change due to the size of parts used, we suggest you check your lengths needed when using different fittings from different manufacturers.

# Pre-Dilution Section

The Ecochem Heated Dilution Wall benefits from a duplicated design featuring anti-hammer hose for smooth operation.

20mm chemical resistant anti hammer hose cut to suit positioning of diluters.



Adjustable stand off bracket (64mm set out)



Clip head to suit 20mm copper



20mm brass crimp elbow (gas o-ring)

20mm male-brass copper crimp (gas o-ring)

20mm female isolation ball valve

20mm male-female brass barrel union

20mm brass male-barb union

20mm chemical resistant anti hammer hose and 25-35mm hose clamps



20mm brass crimp tee (gas o-ring)

Upper horizontal copper pipe 89 x 20mm



Lower horizontal copper pipe 50 x 20mm & 76 x 20mm

55 x 20mm copper pipe



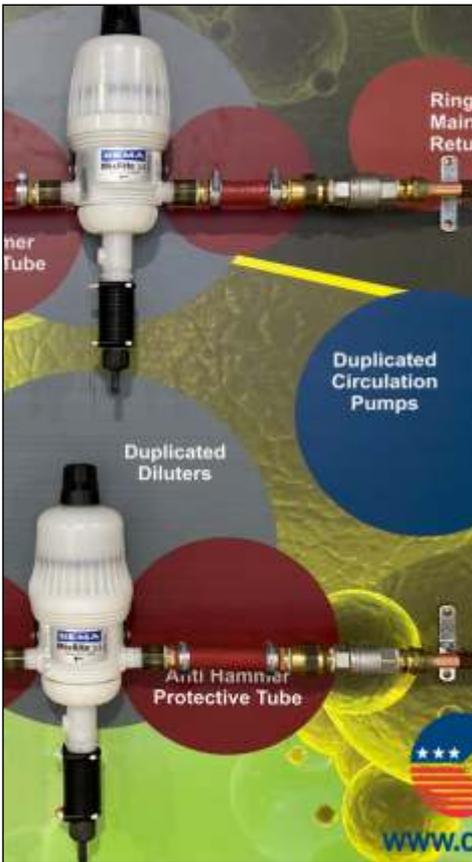
Diluter and 20mm brass sockets

This was assembled using Australian parts, lengths of copper may change due to the size of parts used.

# Post-Dilution Section

The Ecochem Heated Dilution Wall benefits from a duplicated design that begins in this stage.

2mm chemical resistant anti hammer hose cut to suit positioning of diluters.



Adjustable stand off bracket (64mm set out)



Clip head to suit 20mm copper

20mm chemical resistant anti hammer hose and 25-35mm hose clamps



20mm brass male-barb union

20mm male-female brass barrel union

20mm female Stainless steel spring check valve

20mm male-female brass barrel union



Diluter and 20mm brass sockets



# Outlet Section

The Ecochem Cold Dilution Wall does not require the Duplicated Circulation Pumps and Ring Main Return mentioned here on the background graphics, these refer to the heated system using the same backing board.



Adjustable stand off bracket (64mm set out)



Clip head to suit 20mm copper



20mm bpress copper crimp elbow (gas o-ring)

280 x 20mm copper pipe



20mm bpress copper crimp tee (gas o-ring)



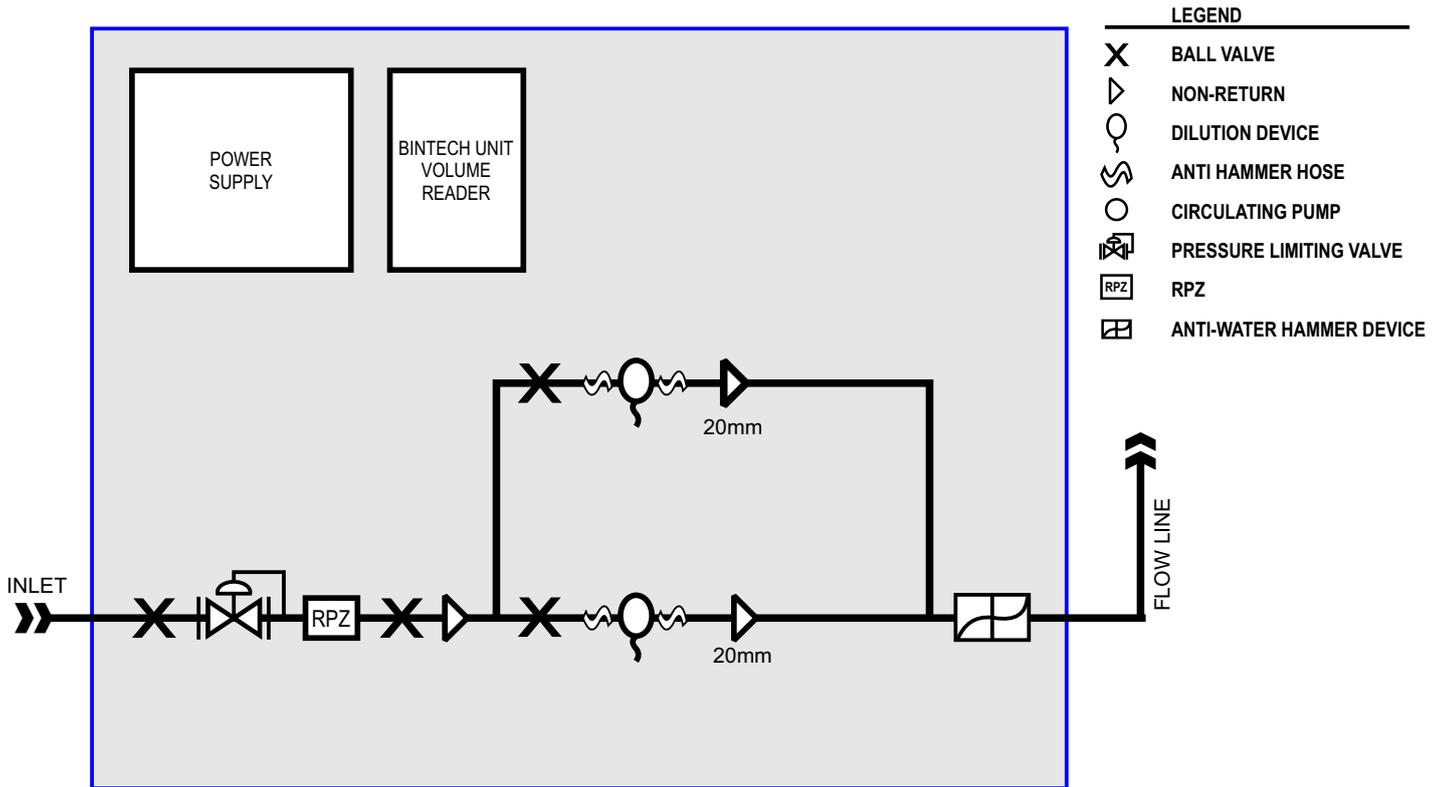
560 x 20mm copper pipe



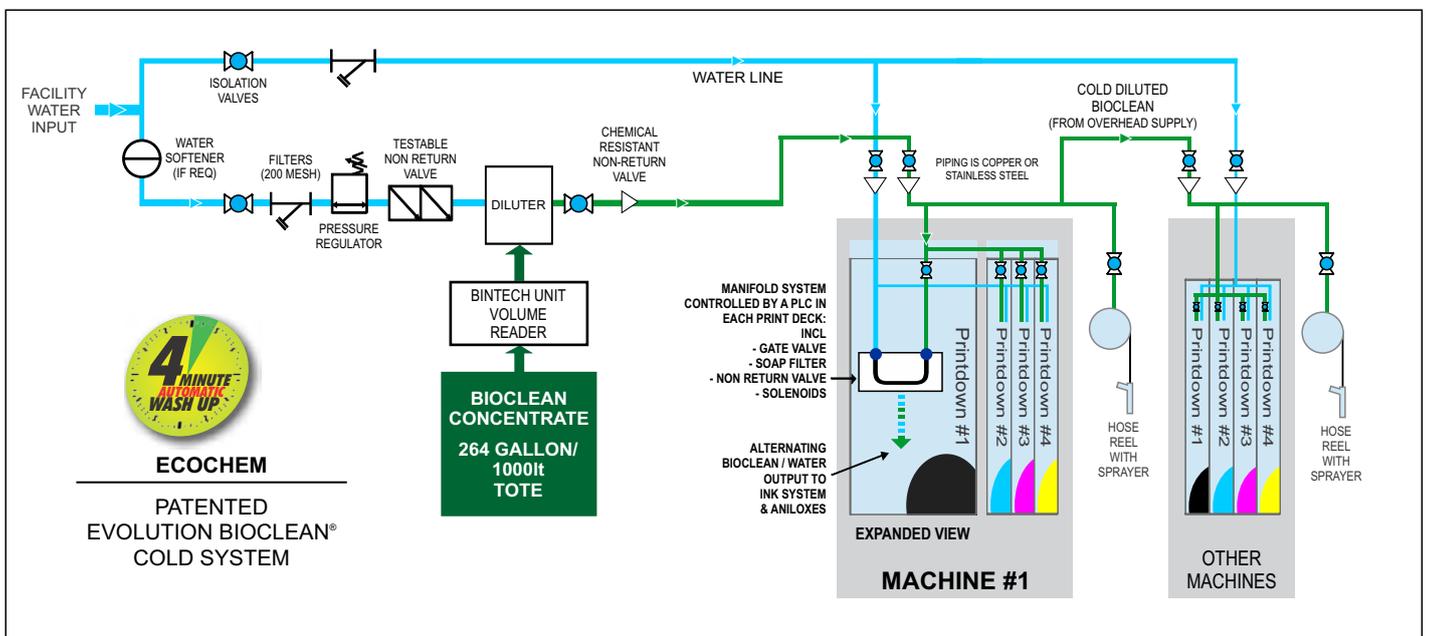
20mm female isolation ball valve

This was assembled using Australian parts, lengths of copper may change due to the size of parts used, we suggest you check your lengths needed when using different fittings from different manufacturers.

# Detail of the Evolution BioClean Cold Dilution Wall



OPTIONAL WATER SOFTENER MAY BE NEEDED



# Parts List

	<u>ITEM NAME</u>	<u>QTY</u>		<u>ITEM NAME</u>	<u>QTY</u>
	Adjustable stand off bracket (64mm set out)	7		20mm female isolation ball valve	4
	Clip head to suit 20mm copper	7		20mm female Stainless steel spring check valve	3
	20mm bpress copper crimp elbow (gas o-ring)	2		20mm brass male-barb union	8
	20mm 72.5 psi pressure limiting valve	1		20mm brass socket	4
	25-35mm hose clamp	8		20mm male-compression	3
	20mm bpress copper crimp tee (gas o-ring)	5		20mm male-female brass barrel union	4
	20mm Brass hex nipple	1			

# Parts List

	ITEM NAME	QTY
	20mm male-bpress copper crimp (gas o-ring)	7
	20mm chemical resistant anti hammer hose cut to suit positioning of diluters	4
	Diluter	2
	20mm Copper cuts 50mm 76mm 89mm	1 2 1
	20mm Copper cuts 280mm 560mm	2 2

This was assembled using Australian parts, lengths of copper may change due to the size of parts used, we suggest you check your lengths needed when using different fittings from different manufacturers.

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



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