



## Protocol for Chill Water Side using Greenex™ CSD - CL

The recommended dosage is 500 ppm (0.5 liter) per 1 m<sup>3</sup> of water in the system. Treatment is every 3 months.

### How to calculate volume of water in the system:

1. Measure diameter of main pipe
2. Measure the length of main pipe (from condenser machine to before the return pipe multiply by 2)
3. Calculate volume of water plus additional 10%

### Example:

**One feet = 0.3048 m      One inch = 0.0254 m**

- If diameter of pipe is 10 inch (or 0.254 m), the radius is 5 inch (or 0.127 m).
- Length of main pipe is 80 meter.

FORMULA FOR CALCULATION:

$$\pi r^2 \times \text{length} + 10\%$$

$$\begin{aligned} & 3.14 \times 0.127^2 \times 80 + 10\% \\ & = 3.14 \times 0.016 \times 80 + 10\% \\ & = 4.02 + 0.4 \\ & = 4.42 \text{ m}^3 \text{ of water in system} \end{aligned}$$

**Amount of Greenex™ CSD-CL to be used will be 0.5 x 4.42 = 2.21 liters**

### Adding Product:

1. Before adding **Greenex™** CSD-CL, discharge water from the valve (the same amount as product to be used)
2. Pour the dosage of **Greenex™** CSD-CL into the high pressure expansion tank. Be careful of air lock.

### Recommendations:

1. Stop using other treatments.
2. Collect water to check parameters (every month)
  - pH
  - Conductivity
  - Total Iron
  - Legionella disease (once a year)
3. Check all strainers randomly and regularly (especially before each AHU machine). If the pressure drops it means there is sludge accumulated at the strainers. Remove and clean the strainers. This is the effect of the product.
4. Always observe the pressure gauge.
5. Treating the system regularly as recommended will prevent scaling and corrosion in the system. The system will operate at peak efficiency.

**CONVENIENT**

**EFFECTIVE**

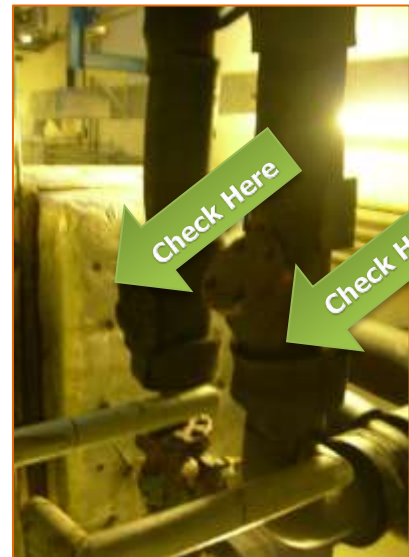
**SAVE**

**ENVIRONMENTALLY - FRIENDLY**





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**CONVENIENT      EFFECTIVE      SAVE      ENVIRONMENTALLY - FRIENDLY**

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