



Water Treatment Uses:

BOILER / HOT WATER PRE-TREATMENT
PROCESS APPLICATIONS
COOLING & CHILLING SYSTEMS
DRINKING WATER APPLIANCES

Specializing In The Application Of:

WATER SOFTENING & DEALKALIZATION
CARBON & SEDIMENT FILTRATION
REVERSE OSMOSIS
DEIONIZATION & UV STERILIZATION

Commercial Manufacturing Solutions

Culligan® Commercial.
Made to perform.

Virtually every manufacturing process relies on water. With our experience and commitment to quality, Culligan® Commercial can ensure that your water becomes a valuable asset and not a costly commodity. After a thorough analysis and review of your needs, we can engineer a customized, integrated solution to meet the requirements of your operation.

OUR SERVICES AND SOLUTIONS WILL:

- Increase equipment and process efficiency
- Reduce operating and maintenance costs
- Minimize waste water
- Ensure regulations are met
- Reduce scaling
- Lower utility costs
- Help meet industry required process specifications

With global and local experience, engineers and technical experts, and equipment designed and manufactured in our own facilities, it's clear that Culligan® earns the highest marks in the industry.



END-TO-END SOLUTIONS.

Quality and Efficiency in any Environment.

Whether you are manufacturing tools, ice cream, motorcycles or plywood, water is an integral part of your operation. Culligan® can create a solution as unique as your business, designed to deliver consistent water for all processes and higher product quality for your end users.

CASE IN POINT: Georgia-Pacific, Phillips, Wisconsin

Georgia-Pacific is one of the world's leading manufacturers of tissue, pulp, paper, packaging, building products and related chemicals. The company has 300 locations around the world with this location being responsible for manufacturing interior hard board paneling then painting and finishing it.

The Problem:

With the need for steam in their daily operation, Georgia-Pacific was using a significant amount of hot water and their energy costs were very high. Plus, their boilers had dense scale build up and needed to blow down frequently to flush out impurities. The company wanted to expand their water treatment system and improve efficiencies.

The Solution:

Although Georgia-Pacific was using a softener, Culligan® recommended a Reverse Osmosis system which would reduce total dissolved solids (TDS) and offer more energy and chemical savings. Culligan® also installed storage tanks, a cleaner for the Reverse Osmosis system and a carbon filter to remove chlorine and protect the Reverse Osmosis membrane.

The Results:

Since the installation of the Reverse Osmosis equipment, Georgia-Pacific has reduced blow downs from 4500 gallons of water per day to less than 200 gallons. The reduced energy, water and sewage costs save the company \$31,000 a year. Add lower chemical costs and the company's total annual savings are \$52,711.

Now Georgia Pacific is able to direct the concentrate water directly to the river rather than going through a waste water treatment facility and incurring fees. And, the TDS of the feed water to the boiler has gone from 210 parts per million (12 grains per gallon) to approximately 24 parts per million (just over 1 grain per gallon), resulting in 8 times less solids entering the boiler.

"As a leader in manufacturing, we're always interested in efficiency and performance Culligan® delivered both for our operation, saving us over \$50,000 a year."

— Frank Donovan, Maintenance Supervisor, Georgia-Pacific

By utilizing the latest technologies and efficient project execution, Culligan® Commercial can put your operation on the path to ROI success. Our solutions are designed to eliminate your costly water problems while improving the performance and efficiency of your current operation. We look forward to engineering a success story for you.



Culligan®

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For over 80 years, Culligan® has made better water. Our global network, comprised of 800+ dealers and international licensees in over 90 countries, is dedicated to addressing your water-related problems. As a worldwide leader in water treatment, our sales representatives and service technicians are familiar with the local water conditions in your area. Being global and local position us to deliver customized solutions to commercial and industrial water issues that affect your business and your bottom line.

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