

CELEBRATING
30
YEARS
IN BUSINESS

hytec[™]
water management
PROTECTING YOUR INVESTMENT

**SOLVING THE PROBLEM
AT THE SOURCE**



Provincial Tank Lining
A PARTNERED COMPANY

WHY CHOOSE HYTEC?

Hytec Water Systems is a 30-year-old company founded by true innovators in soft and hard water management. We have developed the world's most advanced Water Management System that protects a variety of large plumbing systems from the elements of corrosion. These plumbing systems can be found in high-rise and low-rise condo buildings, commercial buildings, farming operations and industrial water systems.

WHO NEEDS TO THINK ABOUT SOFT OR HARD WATER CORROSION?

RESIDENTIAL HIGH RISES & CONDOMINIUMS

Commercial properties, hotels and office buildings also move large volumes of water through plumbing systems, which can attract pinhole leaks and biofilms in untreated water. The downtime associated with repairing these leaks can cost thousands of dollars and be extremely disruptive to the operation of the building. In many cases, commercial properties have water features that can become plagued with algae. Hytec's flexible water treatment solutions not only help maintain the building's plumbing, but can also assist management in the overall operation of the property.

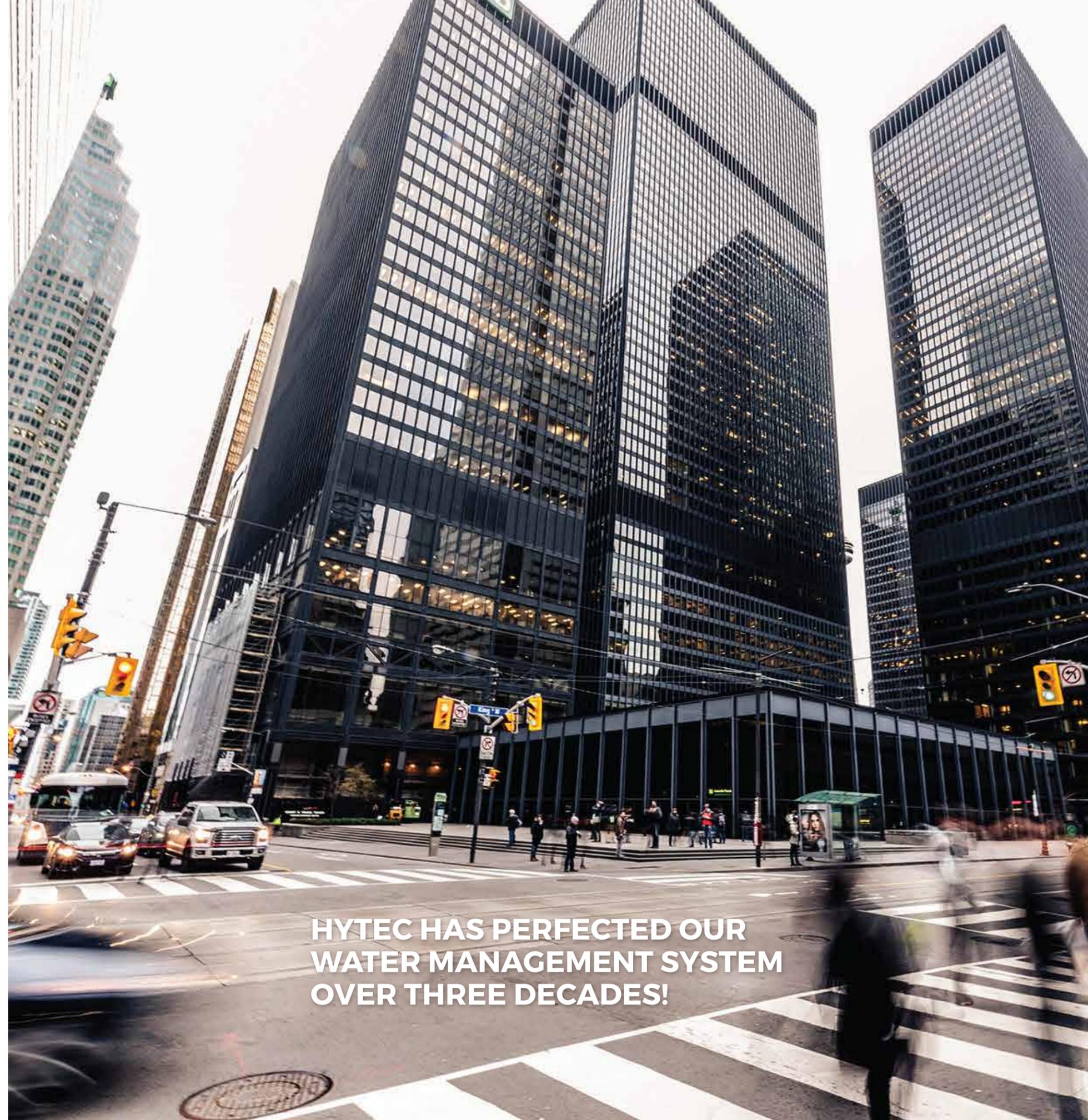
COMMERCIAL & INDUSTRIAL OPERATIONS

Larger buildings move large volumes of soft or hard water continuously through their copper pipes. This "hungry water" if left untreated, seeks minerals from piping, and speeds the corrosion process. The higher volume of water is why condo owners and other large buildings see premature plumbing failure, while pipes in single-family homes last much longer.

THE PROCESS

Within 4 - 6 months, the pipes and plumbing within your building will be completely restored and fully optimized all thanks to the Hytec process.

1. SEQUESTER HARD WATER MINERALS
2. REMOVE OLD SCALE ON PLUMBING
3. PROTECTIVE COATING



**HYTEC HAS PERFECTED OUR
WATER MANAGEMENT SYSTEM
OVER THREE DECADES!**

HOW IT WORKS

Our system can control and arrest corrosion in copper pipes for years, even decades. Even if pinhole leaks (or bio-film) have begun to develop, Hytec Water systems can correct these problems. Here's how it works.

AQUASOFT HW / SW

In the case of soft water, we introduce naturally occurring hard water minerals – zinc, calcium, and magnesium – into the building water supply. These minerals, known as Aquasoft SW, creates a paper-thin coating in the copper pipe and plumbing components which arrests corrosion and the formation of biofilm immediately. These naturally occurring hard water minerals are 100% safe, and NSF-approved.

In the case of hard water, we follow the exact same process above but also introduce an additional mineral known as polyphosphate. The Aquasoft HW minerals sequester or tie up the natural hard water minerals and removes existing scale build inside copper piping, resulting in complete restoration of the plumbing system and it's components. The Aquasoft HW system is continually monitoring the water quality to maximize the life of the plumbing.

**A CLEAN,
INTELLIGENT WAY
TO KEEP PIPES
HEALTHY LONGER**

WHY IT WORKS

LOW COST

When pinhole leaks occur, the headaches – and costs – can quickly multiply. The leak must first be found, which requires some guesswork, and often major wall demolition. By that time, the leak will have damaged structures significantly. Add to this the cost of repairs, or sometimes wholly replaced, plumbing, and the cost of Hytec Water systems seems eminently reasonable.

MAINTENANCE & SERVICE IS TAKEN CARE OF BY US

Once the Hytec system is installed, we take care of it for you, ensuring that levels are optimum, pumps are functioning perfectly, and plumbing is working smoothly. This also means that building managers aren't charged with learning to manage another system.

SAFE & PURE

A ham sandwich has 2000 times more natural minerals/phosphates than a single glass of water treated with Aquasoft. This system is 100% safe and healthy. Conversely, corroded plumbing can introduce dissolved copper, possibly lead and other harmful metals, from the effects of unchecked water corrosion.

**A SMARTER,
ALTERNATIVE TO
COSTLY REPAIRS
& REPLACEMENTS**



THE HYTEC VISION

Soft or hard water corrosion creates unnecessary havoc and needless expense in the many millions of dollars. We have found the most sensible, healthy, elegant anti-corrosion water management strategy available, and perfected a system to deliver it to the marketplace. Our vision therefore is simple: to continue to protect the investments of our community through our clean, proven, simple water management system – for a very reasonable cost.

HEALTH & SAFETY

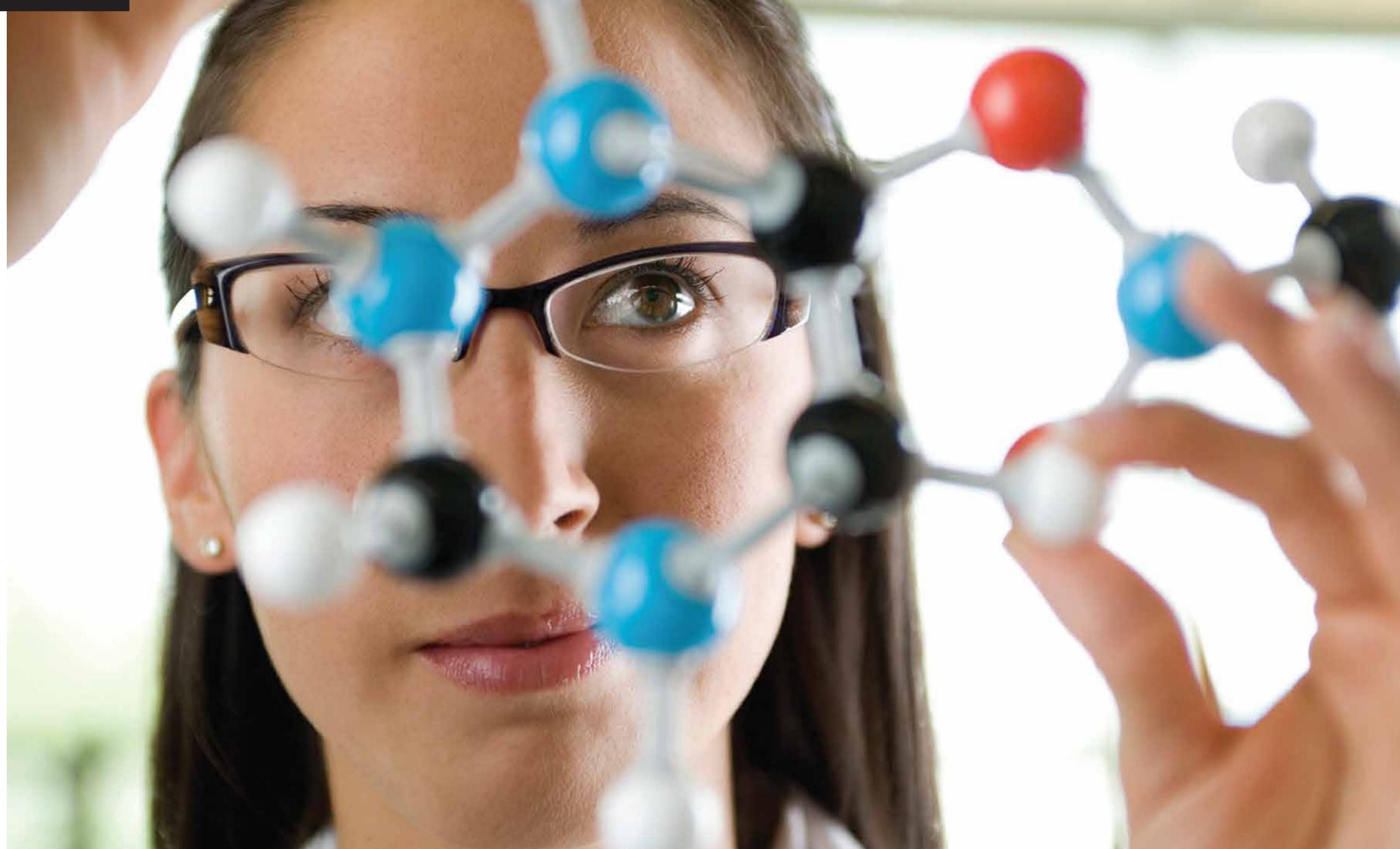
We are absolutely committed to providing solutions that are 100% healthy and clean. The hard water elements we introduce are much like those found in water that has flowed through hundreds of miles of mineral-rich riverbeds, like that of the South Saskatchewan River. We routinely test and adjust for the precise correct balance of elements.

SUPPORTING LOCAL BUSINESSES

Our primary mandate is to protect your investment, and we have plenty of examples of how well Hytec works. Our system has been successfully running for years in some 400 plus condo properties in Metro Vancouver and Toronto, as well as local landmarks such as the Rogers Arena, Richmond City Hall, Trinity Western University and The Pan Pacific Hotels.

SCIENCE & INNOVATION

We're leaders in water management, and intend to remain at the centre of this discussion. We're constantly testing, perfecting, and further distilling our systems and delivery model. We update every system every three years.





THE HYTEC SYSTEM (OEM)

THE ENGINEERING BEHIND THE HYTEC SOLUTION

The Hytec System features six core components, each one combining state of the art technology with premium-grade original equipment manufacturing. Its unique design allows Hytec to manage your property's water with precision, efficiency and the utmost safety. All Hytec equipment comes with a full-term warranty and is guaranteed for the life of your AquaPlan. As a part of our commitment to service, ongoing system maintenance, including routine site visits, testing and performance reports, are provided free of charge.



ONLINE REMOTE MONITORING

The myHYTEC remote monitoring package allows for real-time survey of water quality and system levels. With 24/7 access to online water quality results, Hytec clients can enjoy perfect peace of mind, wherever in the world they may be.

- Fully connected and online
- Real-time system updates & maintenance
- Saves massive time and budget



BACKFLOW RPB VALVE

The Hytec Backflow RPB Valve prevents water from re-entering the city's water supply once it has been treated. As a standard safety precaution, all Hytec systems require a Backflow RPB Valve in accordance with the City's municipal regulations.



ULTRASONIC METER

The Hytec Ultrasonic Meter, engineered and manufacture in Israel, uses dual beam ultrasonic sound technology to measure and communicate the rate of water flowing throughout your building with extreme accuracy and precision. The use of ultrasonic technology means that there are no moving parts, allowing for long lasting and extremely reliable performance.



DOUBLE WALLED PRODUCT TANKS

Hytec double walled product tanks are designed to safely store Hytec treatment products. The double wall construction prevents treatment product leakage. The inner tank dome overlaps the outer tank sidewall, ensuring that nothing can get into the tank, or leak out. As an added safety measure, Hytec product tanks are equipped with tamper-proof locking lids to ensure that unauthorized alterations cannot be made.



DUAL DOSING PUMPS

Hytec's Dual Dosing Pumps, designed by Grundfos specifically for Hytec, are in constant communication with our ultrasonic metering system, determining exactly how much treatment product is needed. This technology is extremely accurate in its delivery, ensuring optimal treatment levels, at all times. Our pumps are equipped with lockout codes for increased security and their digital interface provides real time monitoring so our support team can remotely follow



STAINLESS STEEL INJECTION MANIFOLD

The Hytec Stainless Steel Injection Manifold is critical for the introduction of Hytec treatment products into your building's water system. Its unique design allows for our products to be injected and mixed simultaneously, before circulating your building's plumbing. All Hytec manifolds are made from food-grade stainless steel, produced in Vancouver and approved by the City.



THE HYTEC AQUAPLAN

The Hytec AquaPlan is an all-inclusive water management solution for property managers, commercial building owners and condo owners. This cost-effective rental program includes installation and ongoing maintenance of the Hytec System, Hytec Treatment products and customer service.

CONTROL PINHOLE LEAKS, ONCE AND FOR ALL

Once the Hytec system is installed, we take care of it for you, ensuring that your treatment levels are optimum, metering and digital pumps are functioning perfectly, and plumbing is working smoothly. This also means that building managers aren't charged with learning to manage another system. Here's what you can expect:



NO EXPENSIVE PURCHASES

You do not purchase the Hytec System because it requires continuous maintenance and service, which we provide over the life of your Hytec AquaPlan, updating your system every three years.



FAST RESULTS

The Hytec System takes three days to install and the remedial effects begin as soon as the system is in place and the Hytec Treatment Products are introduced to your plumbing.



24-7 SERVICE & SUPPORT

As part of the AquaPlan, Hytec partners with local plumbing companies to ensure that we have trucks on the road 24-hours a day, guaranteeing that you receive the very best in customer service.



SYSTEM UPGRADES

All Hytec systems come with full-term warranties on equipment over the life of your Hytec AquaPlan. We've sourced long lasting and reliable system components, but if anything needs to be replaced or upgraded we'll happily take care of it, free of charge.



ONLINE MONITORING

The myHYTEC remote monitoring package allows for real-time survey of water quality and system levels. With 24/7 access to online water quality results, Hytec clients can enjoy perfect peace of mind, wherever in the world they may be.



SAFE & SECURE

The Hytec System uses advanced security measures to help prevent unauthorized adjustments. Safeguards like tamper-proof locking lids, double walled product tanks and digital lockout codes, ensure that your system is operating safely and securely.



SAFE & PURE

Hytec treatment products are made from naturally occurring minerals, which have been subject to rigorous testing by Health Canada. These minerals are not only healthy to ingest, but mitigate the risk of consuming harmful metals which have dissolved from your plumbing's walls.



A+ SERVICE RATING

As a Better Business Bureau A+ member, we put our customers first. Hytec has service representatives available to field your calls and maintain your building's system 24 hours a day, 7 days a week.



GOVERNMENT APPROVED

All Hytec treatment products are certified for safe use in potable water under NSF Standard 60, which addresses the health effects implications of treatment products and related impurities.

PROTECTING YOUR INVESTMENT BY SOLVING THE PROBLEM AT THE SOURCE



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A PARTNERED COMPANY

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