

316 Grade Stainless Steel Manifold



Hytec's manifold is where treatment enters the line and mixes. Two valves, one for Hytec AquaSoft and the other for pH Control, deliver concentrate into the centre of the flow for thorough blending and proper dilution. The third exists for testing.

Reduced-Pressure Backflow Prevention

As required, Hytec installs a reduced-pressure backflow valve to prevent water from flowing back into the city supply.

Online Water Quality Results 24/7



Monitoring optimizes treatment and, in turn, produces better results. The monitor measures and logs water consumption, pH and minerals for easy reference, and updates Hytec for maintenance. An

internet portal allows viewing access for key building people. You will witness great service.

Precautionary Shut-Down If the system detects a treatment imbalance, the monitor will shut down treatment, and send an urgent *service-required* alert. Pending a technician's visit, regular water will come into the building untreated.

Internet Connection Online monitoring requires access to the building's internet service. If unavailable, Hytec can install a mobile connection.

In Your Community, Local and Accountable

Situated in Burnaby, BC, Hytec keeps business local, personal and on a human scale.

Hytec sources consumables from a Coquitlam manufacturer operating under Canadian regulation. Hytec keeps supply lines short and simple.

Hytec service personnel comply with WHIMIS and WorkSafe rules. Each Hytec installation gets permits and inspections as required in any jurisdiction.

2 million liability insurance covers each installation.

Hytec Benefits

Lower short and long-term maintenance and repair costs

Add decades to plumbing systems

Lower insurance premiums

Lower insurance deductibles

Eliminate copper and heavy metals

Less stress

FAQs

How long should copper pipes last? *According to the Copper Development Association in New York City, copper pipe is warranted for a "minimum service life of 50 plus years". Unfortunately soft, aggressive water, damages pipe, causing premature failure. Proper water management can add decades to service life.*

Should copper pipes be replaced if they already have pinholes? *High rises tend to develop pinholes within 6 to 10 years and smaller buildings after 20 years. Hytec prevents new pinhole formation and stops partially formed pinholes from completion. With treatment, new pinholes should be very rare. Hytec can resolve a fully-formed pinhole leak without pipe replacement, using a high quality stainless steel clamp intended for permanent installation. Pipe replacement is at best very expensive and disruptive. Pipe replacement involves cutting walls and ceilings and a wide range of unpredictable risks, ranging from building code updates to asbestos. Hytec recommends pipe replacement only as a last resort. Instead, Hytec treatment can solve water corrosion related problems, better, permanently.*

What water gets treated and for how long? *Hytec treats all of the domestic water, ultimately hot as well as cold. As a result, valves, hot water tanks and heat exchangers also enjoy the benefit of treatment, and last longer. Hytec is a long-term utility, protecting your building year in and year out. If removed, protective coatings wear off after about 6 months.*

See us on YouTube
goo.gl/zudTCL



hytec[™]
water management



Fact: In structures with complex mechanical systems, water, too soft or hard, while safe to drink, still corrodes pipes, creating pinhole leaks and other failures.

Possible Responses:

Live with it. Patch and clamp until collateral damage, shutdowns and insurance issues eliminate further procrastination.

Reset it. Flip the proverbial sand timer. At catastrophic expense and disruption, repipe, and hope for better next time.

Resolve it. Hytec Water corrects the problem at its source - water. To protect plumbing, balance minerals and pH. Appreciate the savings, and enjoy the taste.

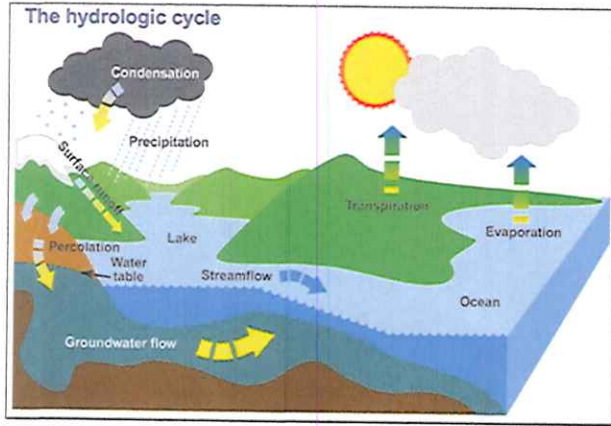
Hytec Water Management's preventive maintenance saves your pipes and plumbing, and saves you money.

Contact us

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Extremely Soft Water - Typical in Metro Vancouver and Coastal Communities



Characteristics of untreated snow melt/rain-sourced water:

- pure, clean, great for drinking and washing
- very low mineral levels, typical TDS 20
- very low alkalinity
- mildly acidic, typical pH 6.5
- ravenous appetite for all available minerals in pipes and plumbing systems

You do not need to surrender to pinhole leaks, other early plumbing failures, and all of their consequences.



How does it work?

Hytec supplements water with highly effective trace quantities of AquaSoft SW, a solution containing trace quantities of a zinc compound. Attracted to the inside of the plumbing, zinc builds a protective coating and arrest corrosion.

Additionally, the Hytec systems raises pH to a range of 7.8 to 8.0, arresting water's "bite."

Hytec's service utilizes the best designed management system with the highest quality components. Ultrasonic stainless steel meters can read flows from as little as 0.25 to as much as 500 gallons per minute. Paced by the meter every 10 US gallons, Hytec's digitally-controlled pumps supplement a precise treatment.

Typically, within 30 days, Hytec starts to prove tangible results.

To ensure safety, Hytec systems are tamper-proof and are installed behind locked doors. Hytec's optional remote monitoring tracks the system 24/7.

Treatment Products - AquaSoft and pH Control



With a focus on quality drinking water, Hytec developed its proprietary treatment products, AquaSoft and pH Control to specific formulas, now time-honoured and proven with hundreds of happy clients. All Hytec products carry NSF-60 certification (www.nsf.org).

Hytec formulates its products at a Canadian, ISO designated facility in Coquitlam, BC. Hytec refuses generic products of vague origin, and instead tightly controls every stage of the product chain, right to your door step. A flawless health and safety record is no accident.



Since year 2000, Hytec has helped hundreds of buildings avert catastrophic plumbing failures.

Water Metering - "The Brain of the System"



Stopping premature plumbing failure demands extreme precision and accuracy in measuring volume. The meter paces water treatment.

Master Meter enjoys distinct advantages.

Ultrasonic, "solid-state" water measurement, can measure as little as 0.25 gallons per minute in a 6 inch line. This stainless steel meter is more reliable and durable than an impeller driven meter.

Tamper-proof design, powered by a 10-year-plus internal battery, programmed with secure software, this meter will not cause Hytec's system to go off balance. Attempted tampering would trigger a safety shutdown.

NSF 61 certified - "safe designation" for products and processes intended for human consumption.

Computerized Feeding Pumps



Grundfos, a world technology leader in its field, custom manufactures pumps to Hytec's demanding specifications, suitable for high pressures and complex systems.

This technology includes:

- computerized programming for the volume of treatment products
- self diagnostic mode
- lock-out to prevent tampering
- full diagnostics display
- low level warnings of treatment product
- hourly self-priming
- leak free, 24/7 reliability
- NSF 61 certification

Double-Walled Storage Tanks

NSF-61 certified, doubled-walled tanks for treatment products comply with all regulations. Lockable lids stop tampering. Drip mats and seismic tethering prevent spills.

Available in three sizes, 10, 20 and 40 gallon, Hytec will fit any mechanical room.