

# The Mechanical Pipeline

## Reaping All the Benefits

Strategically located in Montreal's Ville Saint-Laurent, Les Jardins Montpellier is a nine-story residential complex with all the benefits of the dynamic atmosphere of the city yet with surrounding tranquility. The building features 72 units, including a ninth floor penthouse, and a lower level parking garage, swimming pool and gymnasium. Each of the luxury units features a washer and dryer area, state-of-the-art kitchen and elegant bathroom, all of which obtain water via the latest water distribution system from IPEX – AquaRise®.



A solid alternative to metal, AquaRise delivers hot and cold potable water in commercial, industrial and high-rise buildings. This CPVC distribution system comes with reduced material costs and saves valuable time and money on job sites. Its proven strength, highly-engineered construction and robust fittings provide long-term performance, pressure rating and corrosion resistance for years of consistent flow and maintenance-free performance.

AquaRise is deployed for the riser distribution system throughout Les Jardins



Montpellier. On each floor, it branches off to the apartment units where it transitions over to traditional PEX pipe. Because each unit includes its own hot water heater, AquaRise is used for cold potable water distribution only. The system was designed by Desjardins Expert Conseil ([www.genieconseil.com](http://www.genieconseil.com)), the mechanical and electrical engineer for the project who has been installing IPEX products for many years.

"AquaRise is very practical and easy to work with. We choose it over the higher price and trouble involved in installing and manipulating copper," says Jean Desjardins, P.Eng.. "Time is money, and it takes more man power to carry and install heavy copper. We also use this product because it's fireproof – before AquaRise, our only choice was copper."

AquaRise transition fittings use a simple solvent cement system that make it faster and easier to assemble than soldering traditional copper systems. Desjardins also finds the assembly process to be safer and more reliable.

"I prefer the process involved in assembling AquaRise over welding copper because we don't have to deal with fire or safety issues," he says. "And unlike copper, when we put the solvent material around the joints, we're sure it's going to be sealed. AquaRise is a great alternative—it's about time someone introduced this type of product."

Like all IPEX integrated solutions, AquaRise pipe, valves and fittings are designed to function as a system, yet flexible enough to work universally with other products. Meeting the requirements of CSA B137.6, AquaRise passes the punishing burst pressure tests conforming to ASTM F442. And since it's built and backed by IPEX, AquaRise also comes with superior technical support and jobsite trouble-shooting.



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