

Welcome To A Better Solution



With Mitsubishi Electric Heating and Cooling, you'll always get the best tools for a successful project, because we deliver a total solution from equipment and design support, to comprehensive product training, contractor certification, extended warranty options and post installation support, every time. Our 2-pipe VRF system requires less piping, less connection points and less installation time, making it an ideal choice not only for new buildings, but also for retrofit projects. **No matter what your needs or project requirements may be, we're ready with the solution.**

The Mitsubishi Electric Heating And Cooling Advantage

- 2-pipe VRF system requires less ceiling space, simplifying installation and reducing on-site time
- Seamless Control Integration (Building Management & Control System)
- Tiered classroom-based contractor training programs
- Post installation & commissioning support with dedicated in-house product support teams



Easy To Install. Easy To Recommend.



We help mechanical contractors maximize their profitability by providing easy-to-install, energy efficient HVAC systems that minimize service calls, leading to happier clients. Our City Multi VRF systems provide customizable solutions for all building designs, providing greater efficiency by streamlining your workflow. They're easy to install, manage, maintain and, most of all, sell.

Smaller, Lighter And Easier To Install

Unlike conventional HVAC systems, our outdoor condensing units are both compact and lightweight. This allows them to be mounted on the roof without compromising the building's structural integrity or placed on the ground without much added space. A variety of indoor air handling units tie in easily to the outdoor units. Only small building penetrations are needed to run the refrigerant lines from the condensing units to the air handlers.

Low Maintenance, Low Stress

Reduce the time spent addressing equipment issues, and callbacks after a problem is addressed with onboard diagnostics capabilities, remote monitoring and management of the system and advanced error and warning messages. If a problem does arise, you'll always have fast access to technical support.

- Online resources to research/diagnose problems
- Technical support escalations when necessary

Comprehensive Training & Support Infrastructure

At Mitsubishi Electric, we believe that if you're working with our technology, you deserve the highest level of support and knowledge. As such, we provide extensive and graduated customer product training to put you in the position to do your job safely and efficiently and to ensure the successful implementation of our products, regardless of location or application type.

Learn more about our training and resources at:
www.mitsubishielectric.ca/en/hvac/professionals/trade-resources



Trinity Glen

Newmarket, ON

Minimum Consumption. Maximum Savings.

Challenge

Trinity Glen is a co-operative housing complex located in the town of Newmarket, Ontario. Built in the late 1980s, its original heating source was electric baseboard heating, which can be very costly. Trinity Glen needed a modern, energy-efficient heating solution that would be easy for residents to use daily and cost-effective to run and install.

Energy Saving Solution

After three companies submitted proposals, Canco ClimateCare came back with the best bid using Mitsubishi Electric products, including Zuba-Multi heat pumps that provide up to 80% of their rated capacity at -25°C, meaning residents would have little or no reason to turn on their baseboard heating, saving money from day one.

Individually metered. Seamlessly installed.

Not only do the new Mitsubishi Electric units blend seamlessly into the sightlines of the building, each system is individually metered, allowing for further savings versus the previous baseboard system. Still, the key benefit of the new install and heating system is the everyday savings it will bring to residents.

“The results were amazing, and even exceeded expectations in savings on the heating side with a 50% reduction on average, varying slightly depending on family size.”

– Bob McKeraghan, President of Canco ClimateCare

“We became very innovative to create some savings. The selected product was the Mitsubishi Electric Zuba-Multi system, a solution that provided efficient heating and air conditioning, which the homes never had before. Plus, Mitsubishi Electric products have a life cycle of over 20 years with minimal maintenance.”

– Bob McKeraghan, President of Canco ClimateCare

“Mitsubishi was chosen because the system performed the best at low temperatures efficiently generating a high amount of heat in temperatures as low as -27°C.”

– Tom Melanson, of Mits Airconditioning Inc.

“Mitsubishi has such a good track record with reliability and performance, so I would have to be prided away to go somewhere else.”

– Bob McKeraghan, Contractor Canco ClimateCare

“Exceeded expectations in savings on the heating side with a 50% reduction on average.”

– Bob McKeraghan, President of Canco ClimateCare



Rogers Place

Edmonton, AB

World-Class Cooling Equipment for a World-Class Arena

The Challenge

Rogers Place is a newly built indoor multi-use arena in Edmonton, Alberta and the home of the NHL® Edmonton Oilers. Owned by the City of Edmonton, the large-scale, high-profile project took over two years to build and cost over \$590 million. There were several stakeholders in its construction, including the close gaze of the public. As such, **the project demanded close attention to detail, and suppliers who could meet escalated timelines and provide energy-efficient products that could achieve LEED Silver standards.**

The Solution

Sercon Refrigeration selected Mitsubishi Electric's VRF (variable refrigerant flow) systems for the project. Rather than alternating between 'on' and 'off' like traditional air conditioning systems, the Mitsubishi Electric models used for the Rogers Place arena never turn off completely. Instead, they are always running in the background, adjusting the compressor speed in real time. The result is a more comfortable indoor environment and improved energy efficiency. Less power is used because the system is only cooling to maintain, rather than achieve, the desired temperature.

In addition, Mitsubishi Electric equipment was chosen as the preferred equipment to cool all the mechanical, server, and electrical rooms that serve as power feeds for basic electrical requirements throughout the building such as lighting and power outlets. As there are quite a number of these rooms, the ductless split solution was the best fit due to the flexibility of its multiple configurations, which allowed for easier installation than alternative solutions.

The Results

The Mitsubishi Electric system has been working smoothly and efficiently since 2015 and Rogers Place has received numerous accolades, including being named one of the best stadiums of 2016 by Sports Management and receiving the Engineering News-Record Global Best Projects – Award of Merit, Sports/Entertainment. It has also triggered a boost in tourism and hospitality and is the main attraction of the Ice District – a mixed-use sports and entertainment district being developed around the arena.



“It’s nothing short of phenomenal...”

– Steve Van Maanen, Mechanical Designer and Contract Administrator