

Welcome To A Better Solution



With Mitsubishi Electric Heating and Cooling, you'll always get the best partnership, because we deliver a total building comfort solution. From HVAC systems and design team support, to product training and after sales support, every time. For building developers or owners, VRF Technology helps maximize construction and operational cost savings while also realizing optimum occupant comfort. A perfect balance that can add significant value to your building – existing or new construction. Our design architecture simplifies the design and implementation process, saving valuable time during the construction process. Furthermore, our 2-pipe VRF system requires less piping, less connection points and less maintenance. **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 Heat Pump & Heat Recovery systems require less ceiling space, simplifying installation and significantly reducing construction time
- Comprehensive occupant system control options depending on the application
- Industry leading operation efficiency levels with minimal annual maintenance requirements
- Comprehensive regional network of design and installation professionals who can meet the expectations of your project





Increase Comfort and Maximize Cost Savings

Mitsubishi Electric's Heating and Cooling systems have the efficiency and precision to provide occupants personalized comfort control. Because when occupants are happy, you're happy.

Sustain Low Annual Energy and Costs

Energy efficiency is about being smart, and our INVERTER driven compressor technology is as smart as it gets. It uses the absolute minimum energy necessary to maintain personalized comfort levels while adjusting to part-load conditions, which occur most of the time. Combined with our modern sensing technologies for temperature, humidity, and occupancy, it's no wonder our energy efficiency regularly achieves LEED certification and high SEER, EER, and HSPF ratings.

The Proof Is In The Performance

Our software lets you run energy simulation tests prior to installation, set goals, and measure against those goals after installation (i.e. performance contracting).

Supreme Thermal Comfort

With BMS integration, controllers located within each zone, and trending to spot problems before they occur, you'll keep your occupants comfortable, minimize complaints, and ultimately use facility management more efficiently.

- Zone-by-zone temperature control
- Remote monitoring and management of HVAC system

Low Maintenance, Low Stress

The combination of onboard diagnostics capabilities, remote monitoring and management, along with advanced error and warning messages means you'll have less equipment issues and maintenance calls. If a problem does arise, you'll always have fast access to technical support.

- Online resources to research/diagnose problems
- Less costly maintenance due to fewer components



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 pried 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



Westman Village

Calgary, AB

The Largest Operational Multi-Unit Residential Development Using P-Series Products in North America

Westman Village is a new development by Jayman BUILT located in the community of Mahogany in Calgary, Alberta. Redefining the way new homes are built, bought and lived in, the carefully designed community includes condominiums, townhomes, seniors' residences and long-term leasing condos.

The Challenge

As many of the prospective new residents and homeowners would be downsizing, the units needed to be quiet and the building had to create a seamless transition with top-quality products that would meet high expectations. This includes everything from the finishes to the heating and air conditioning units. The heating and cooling units also had to be energy efficient, as Jayman BUILT prides itself on green construction, being the first builder in Alberta to have solar panels as standard on all their new homes.

The Solution

Mitsubishi Electric's individual split and centralized VRF systems were chosen thanks to their efficiency, reputation and ease of maintenance. Their whisper-quiet sound was also a deciding factor, as the units emit about half the noise of a regular unit in a house. The slim, suitcase-style units were perfect for more compact living spaces.

Furthermore, the Mitsubishi Electric units are all about consumer comfort and use unique design and engineering solutions to deliver it. Typically, a normal air conditioner runs on full blast, cooling the entire space then shutting off. But these units are built to get to a certain temperature and maintain it, which allows for lower energy use and improved comfort.

The Results

Delivering energy efficiency while maintaining reliable, whisper quiet heating and cooling, reviews of the Mitsubishi Electric solutions have been highly positive, with the unique community development garnering media attention, including in the Calgary Herald.

"We wanted a product that was going to be somewhat maintenance free and last the test of time. From what we've heard, these units hold up. We did our research."

— Dennis Aucoin, Senior Development Manager/Senior Project Manager, Westman Village, Jayman BUILT

“

The Cadillac of heating and cooling units”

— Dennis Aucoin, Senior Development Manager/Senior Project Manager, Westman Village, Jayman BUILT