

INNOVATIVE CLIMATE CONTROL SOLUTIONS POWERING LUXURY AT THE FELLOWSHIP

PROJECT : The Fellowship
 LOCATION : Kew, VIC
 COMPLETION DATE : October 2024
 CONTRACTOR : DP Heating and Cooling

Nestled in the exclusive suburb of Kew, Victoria, The Fellowship redefines contemporary luxury living with its mid-century-inspired design, premium finishes, and seamless integration of modern amenities.

Comprised of 20 high-end residences designed by CHT Architects, Sora Interiors, and Jack Merlo Landscaping, this prestigious development required an advanced climate control solution that matched its aesthetic sophistication and operational demands.

Mitsubishi Heavy Industries Air-Conditioning Australia (MHIAA), in collaboration with DP Heating and Cooling, rose to the challenge with a tailored approach that exceeded expectations.

High-Performance Systems for a High-End Development

For a project of this calibre, the heating and cooling systems needed to blend functionality with elegance, providing comfort without disrupting the architectural integrity or tranquility of the residences.

MHIAA deployed a mix of state-of-the-art systems, including 96 FDUT**KX slimline ducted units, 41 compact VRF systems from

Indoor Units Installed

- 96 x FDUT**KX Ducted Systems
- 8 x FDUM**KX Ducted Systems
- 1 x FDU**KX Ducted System
- 1 x SRK**YRA-W Split System

Outdoor Units Installed

- 41 x FDC**KXZEN-W VRF Systems

the KX Micro Series, and medium-static FDUM ducted units, all designed to deliver outstanding performance and energy efficiency.

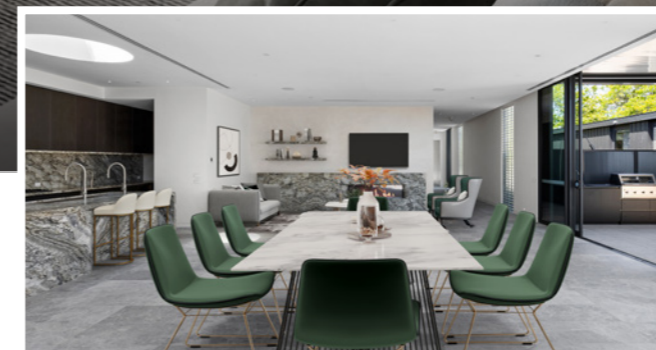
“The KX Micro Series was a game-changer for this project,” said Nick Bennet from MHIAA. “These outdoor VRF units, with their compact size and long pipe run capabilities, are ideal for the constrained rooftop spaces while still delivering exceptional heating and cooling performance.”

Slimline FDUT ducted units were strategically installed in areas with limited ceiling space, ensuring a seamless fit into the design without compromising functionality. For larger, more open areas, FDUM units offered robust air distribution, paired with sleek metal linear grilles to maintain the luxurious aesthetic.

Overcoming Challenges with Tailored Solutions

Space constraints on the rooftops posed a significant challenge, requiring compact outdoor units that could operate efficiently without overcrowding the area. MHIAA's solutions, including the adaptable KX Micro VRF systems, turned these challenges into opportunities for innovation.

Another hurdle was the evolving project design, with adjustments being made even during construction. “The project demanded flexibility, and our collaboration with DP Heating and Cooling allowed us to adapt quickly,” Bennet said. “This ensured the system



met the changing needs of the residences without delaying the project timeline.”

Modern, Sustainable Living with User-Centric Design

MHIAA systems prioritise user convenience and efficiency. All ducted systems are equipped with intuitive RC-EZX3A wall-mounted controllers, offering streamlined operation for each resident. These systems allow for centralised management, ensuring optimal comfort while minimising energy consumption.

By addressing both technical challenges and design requirements, MHIAA delivered a comprehensive climate control solution that perfectly complemented the high-end nature of The Fellowship.

Beyond aesthetics and performance, sustainability was a guiding principle throughout the design and system selection process. Every choice was made with an emphasis on reducing environmental impact while maintaining exceptional efficiency. The KX Micro VRF systems were carefully selected for their superior energy efficiency thanks to the use of R32 refrigerant.

These innovative systems reflect MHIAA's unwavering commitment to sustainable solutions by delivering outstanding heating and

cooling capabilities with minimal energy consumption and ultra-quiet operation. This ensures not only comfort and performance but also a responsible approach to preserving the planet for future generations.

Setting a Benchmark for Excellence

The Fellowship stands as a testament to MHIAA's ability to deliver bespoke climate control solutions for complex and high-profile projects. From innovative system design to seamless integration, the partnership with DP Heating and Cooling and The Fellowship's design team has set a new benchmark for residential luxury in Melbourne.

As urban developments continue to raise the bar for comfort, sustainability, and design, MHIAA remains at the forefront, delivering solutions that enhance the living experience while maintaining environmental responsibility.

For more information contact Mitsubishi Heavy Industries Air-Conditioning Australia, Pty Ltd., phone 0406 765 774, mhiaa.com.au