



Experience Efficiency and Absolute Comfort

Combining dedicated outdoor air equipment with a variable refrigerant volume system

The Daikin Variable Refrigerant Volume (VRV) system is the standard for efficient operation and absolute comfort. To manage the ventilation air requirements for your building, Daikin and McQuay have several high performance outdoor air solutions to select from.

McQuay's 100% outdoor air packaged air conditioners offer a complete range of sizes and features to ensure excellent indoor air quality without compromising energy efficiency.

- Maverick™ II commercial rooftop, 15–50 tons
- RoofPak™ applied rooftop, 15–140 tons
- Self-contained system, 12–130 tons
- Rebel™ commercial packaged rooftop, 3–15 tons

See the reverse for more details on McQuay's industry-leading rooftop systems with 100% outdoor air. Or visit mcquay.com to select one of our economizer rooftop units which are also compatible with this system.

Seamless Integration means Smooth Operation

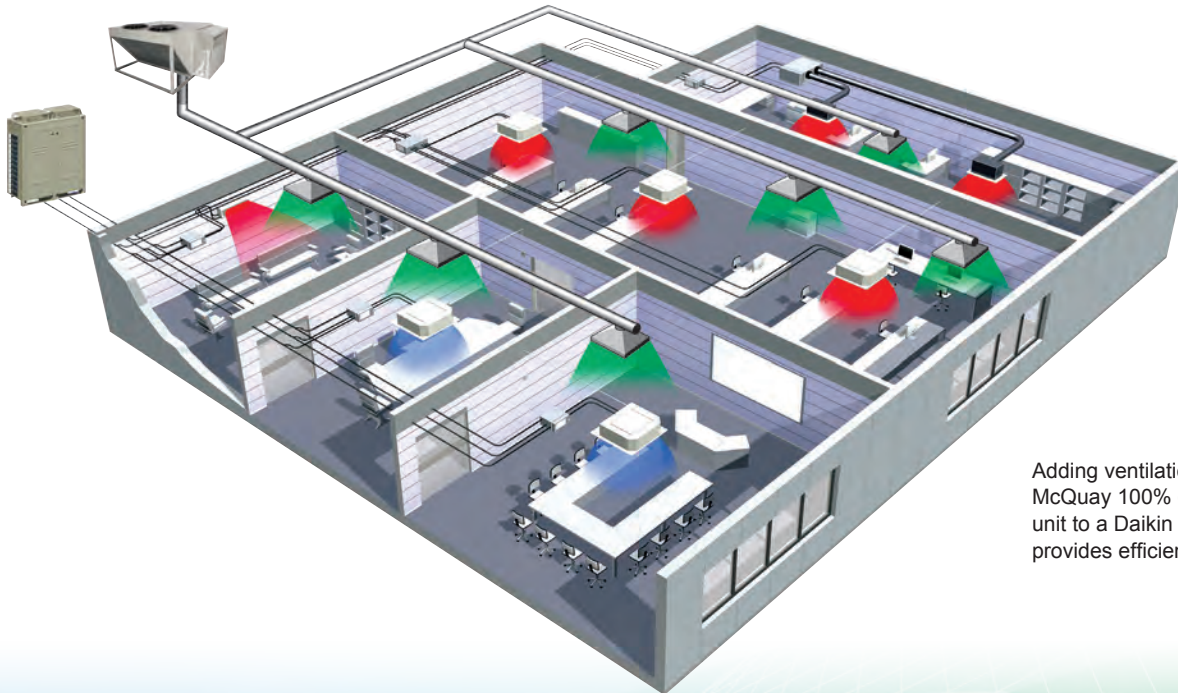
Using our combined engineering expertise, Daikin and McQuay can seamlessly integrate a dedicated outdoor air handling unit into a variable refrigerant system. This integrated system provides easier installation and more control than a simple hardwired interlock.



The entire system is displayed and controlled on the Daikin intelligent Touch Controller touch screen.

You can also seamlessly manage McQuay equipment through the Daikin intelligent Touch Controller to:

- Schedule occupancy
- Adjust discharge air temperature setpoint
- View current discharge air temperature
- Monitor filter status and alarms



Adding ventilation from a McQuay 100% outdoor air unit to a Daikin VRV system provides efficiency and comfort.

McQuay Dedicated Outdoor Air Equipment

McQuay offers a full range of rooftop and self-contained systems that can integrate seamlessly with a Daikin variable refrigerant volume system to provide conditioned outdoor air ventilation. Choose the size and options that meet your project needs.

One of the most challenging applications of an HVAC system is to provide 100% outdoor air to a space to meet ASHRAE 62.1 building design recommendations. It requires a system that is capable of conditioning outdoor air entering the system at up to 95°F and high relative humidity and delivering it to an occupied space at 70°F and 50% relative humidity—on a continuous basis. McQuay 100% outdoor air rooftop systems are optimized to meet this challenge, efficiently and effectively.



Daikin McQuay Rebel™ Commercial Packaged Rooftop

3 to 15 tons

For low-rise commercial buildings such as schools or retail

- First entry in the U.S. Dept. of Energy's challenge for commercial air conditioners to meet part-load efficiency standard of 18 IEER
- Exceeds ASHRAE Std. 90.1 for efficiency by 71%
- Industry first VAV down to 3 tons
- Heat pump with hybrid heat options (gas, electric, heat pump, hot water)
- Patented ultra-quiet Daikin condenser fans
- Daikin inverter scroll compressor for true variable flow
- Configurable as CAV, VAV, or DOAS
- Modulating hot gas reheat and humidity control
- Variable ECM fan motors



Maverick™ II Commercial Packaged Rooftop

15 to 50 tons

Ideal for standard commercial HVAC applications

- EER of 10.0 or higher that meet or exceed ASHRAE 90.1 efficiencies
- Double-wall construction
- Modulating hot gas reheat
- Energy recovery
- Gas, electric or hot water heat options
- Non-corrosive drain pan
- R-410A refrigerant
- Building pressure control option including exhaust fan and VFD
- Airfoil supply fans with VFD
- Hinged access doors on both sides of every section



RoofPak™ Applied Packaged Rooftop

15 to 140 tons

For advanced applications and precision performance

- All Maverick II features **plus**
- Modular construction including draw-through or blow-through coils and filters
- High efficiency options including evaporative condensers and CEE Tier I and II EERs
- Optional exhaust or return air fans
- Quiet condensing unit option
- Up to 6.5-inch total static pressure (TSP)
- SuperMod™ furnace with 20-1 turndown
- Walk-in access with hinged doors and single point latches
- Additional factory-installed options for customized flexibility

For more information about a using a McQuay rooftop unit to supply outdoor air ventilation for a Daikin variable refrigerant volume system, contact your local McQuay representative.



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