

HIGH PERFORMANCE

Superior Rex RAV Series Vertical High-Rise fan coil units are designed to maximize flexibility of selection and installation, and for ease of service.

The units are also designed to exceed the stringent quality standards of the institutional market, while remaining cost competitive in the commercial and residential segments of the market.

Superior Rex Vertical High-Rise fan coil units set the new standards for innovation, quality, flexibility, and competitive pricing.

DESIGN FLEXIBILITY

The extensive variety of standard options available on RAV Series fan coils are where you find the versatility to fit any HVAC system designer's needs.

Options include: single wall stainless steel drain pans, foil faced or elastomeric closed cell foam insulation, double deflection aluminum discharge grilles, manual or motorized outside air dampers and electric heat with single point power connection and silent relays. All electric heat units are listed with ETL as an assembly and carry the cETL label.

All units comply with the latest edition of AHRI Standard 440 for testing and rating fan coil units, are certified, and display the AHRI symbol.

High efficiency motors, fan relays, disconnects and fusing mean easier coordination between mechanical and electrical trades.

Coil options allow for three or four row chilled water and one or two row hot water coils in the reheat position only. A total of five rows of coil are accommodated.

CONVENIENT INSTALLATION

All RAV Series fan coil units are shipped completely assembled, reducing field installation time and labor. All units are thoroughly inspected and tested prior to shipment, eliminating potential problems at startup. Motor wiring is brought to a control compartment on the inside of the unit, reducing electrical hook-up time.

Factory furnished pressure tested valve packages assure proper fit, operation and performance.

Factory furnished pressure tested risers with swaged connections are available in a variety of materials, diameters and lengths.

RAV Series fan coil units have several standard features that provide for installation flexibility that are unmatched in the industry. Featuring internal stainless steel braided hoses that link the piping packages to the riser shut-off valves, the unique design of the RAV Series allows for easy field configuration of left hand, right hand, or back riser connections without the need for thermal cutting and joining of piping. Both the sides as well as the back panels are manufactured with riser slot knockouts. Supply air opening knockouts are included on all sides, and the top of the unit. If requested, the RAVS / RARM / RARS units ship from the factory with knock-outs removed for the selected arrangement of supply air and riser location.

Risers may ship in advance of the unit to facilitate installation and fire safing of floor penetrations in limited space. Delaying the delivery of units until walls are in place protects the fan coil units from construction debris during installation and pressure testing of the risers.

OPTIMUM BUILDING PERFORMANCE

The RAV Series fan coil chassis is built from galvanized steel. This metal surpasses the ASTM 125 hour salt spray test for corrosion and rust. Decorator front panels, supply grilles, and exposed cabinet Model RAVE are powder coated galvanized 18 gauge steel. Standard insulation is 1/2 inch thick fiberglass, complying with UL 181 and NFPA 90A. Optional foil faced or elastomeric closed cell foam insulation may be specified.

All units, with or without electric heat, are cETL listed and labeled. All wiring is in compliance with NEC, assuring safety and quality for the owner.

RAV Series fan coil units have removable fans and coils. The entire coil assembly can be easily removed from the unit and replaced or serviced on a workbench, reducing equipment down time. Coils are accessible for cleaning and removable for service or replacement. Filters are easily replaceable when the decorator front panel is removed. As an option, the drain pan can be equipped for removal for cleaning or replacement without disturbing the coil assembly.

Twin Pack Primary and Secondary Models RAVM/RAVL ship complete with risers enclosed in a wall plenum with one layer of 5/8" gypsum for sound attenuation. As an option, Twin Pack Primary and Secondary Units may be ordered with two layers of 5/8" gypsum and fire blocking material. The Twin Pack Primary and Secondary fire rated unit has been tested and certified for 1 hour rating per UL 1479.