



VertiCool Premium

Indoor Vertical Packaged Unit

Innovative Solutions for Comfortable
Indoor Environments

www.unitedcoolair.com

VertiCool Premium

The VertiCool Premium provides a versatile floor mounted Single Packaged Vertical Unit designed for retrofit or replacement installations. The compact cabinet makes it easy to fit the unit on an elevator and maneuver the unit down narrow hallways and through doorways.

The VertiCool Premium features a high efficiency variable speed compressor along with VFD blowers and microprocessor controls, enabling the unit to be utilized for various applications – Comfort Cooling, DOAS, CAV and VAV. The unit is available with top or front supply air path configurations providing additional flexibility.

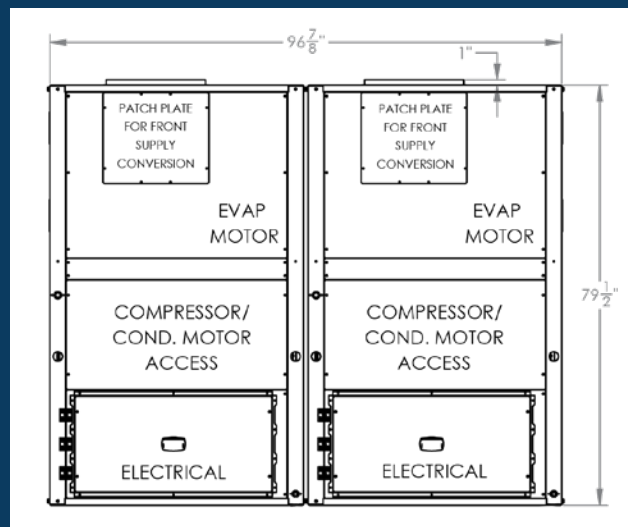
- Cooling Capacity: 6 to 10 Tons
- 208/230-3-60 or 460-3-60
- Constant Volume, Multi-Zone VAV or Single-Zone VAV
- 100% Outside Air with optional Modulating Reheat Coil
- Up to 20 Tons with optional Twinning Kit
- Single Variable Speed Compressor
- Marvel Premium Microprocessor with BACnet
- Belt-Drive Backward Inclined Blowers with VFDs
- Low Ambient Operation Down to -20°F
- Top or Front Supply Air Discharge (field convertible)
- Compact Footprint
- Elastomeric Closed-cell Insulation – 1"
- U.S. DOE – CCMS Listed at 14.8 IEER



Ideal for Renovation and Replacement Projects

Twin Two Units for Higher Capacity Applications

Two units can be installed side-by-side for operation as a single system for higher capacity applications, up to 20 tons. When replacing a larger tonnage unit, each compact VertiCool Premium cabinet moves easily throughout the building and into the mechanical room versus one large cabinet that may require building demolition. A separate power line is installed to each unit and a factory provided communication cable routed between the two microprocessors allows the units to operate seamlessly as a single system.



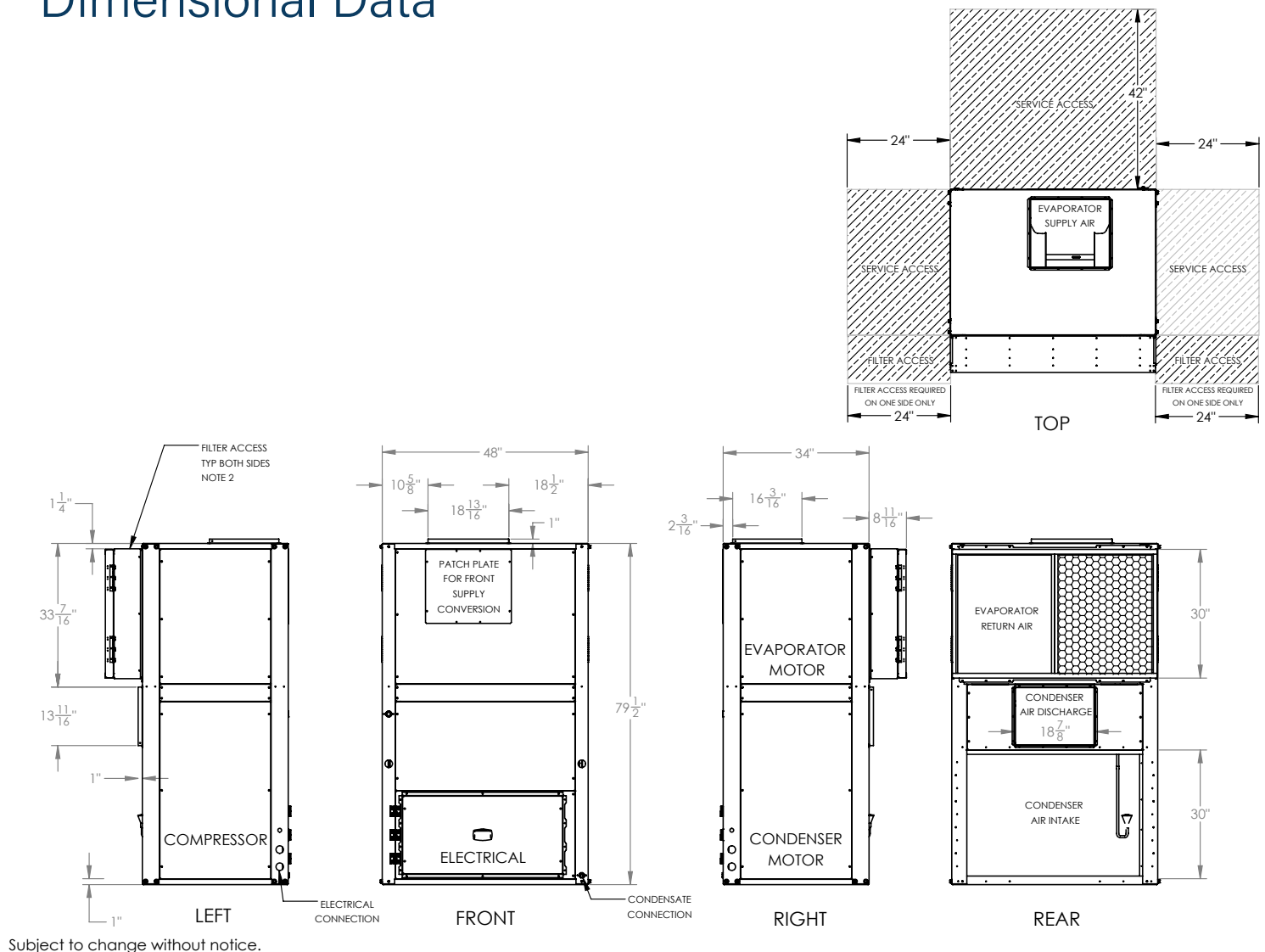
Additional Features

- 304 SS Drain Pan
- Premium Efficiency Motors
- Phase Reversal Sensor
- BACnet MS/TP (field convertible to IP/Ethernet)
- Duct Mount or Wall Mount Sensors for Specific Application (ships loose)
- Dry Contact for Control Signal to Field Provided Duct Heater (modulating or two-stage)
- Airflow Proving Detection
- Dirty Filter Detection
- Drain Pan Overflow
- 1-Year Limited Parts Warranty and 5-Year Limited Compressor Warranty

Options:

- 2" MERV 8 + 4" MERV 13 Filters
- Condenser Filter Box w/2" MERV 8 Filters
- Hot Water Coil for Heating or Reheat
- Modulating Reheat Subcooling Coil for LAT Control
- Non-fused Disconnect (ships loose)
- Condensate Pump (ships loose)
- Air Side Economizer Controls
- Protective Coil Coating
- Painted Cabinet
- Twinning Kit

Dimensional Data



We're on a Mission to Make the World Safer, Healthier,
and More Productive through our Innovative Products



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