

UV SERIES

COMMERCIAL - INSTITUTIONAL UNIT VENTILATORS



RUV Series



VUV Series



SUV Series



HUV Series

HUV Series

RUV Series

SUV Series

VUV Series



Horizontal multi-fan



Riser style



Horizontal single fan



Vertical floor mounted



EngA®

ENGINEERED AIR®



A UNIT VENTILATOR FOR EVERY APPLICATION

The VUV unit ventilator with its traditional arrangement is well known. Engineered Air brings a breath of fresh air to older buildings with our custom, built to fit replacement units. All models are capable of 0 to 100% outside air. Blow through and draw through styles are available. The VUV is typically floor mounted on an exterior wall where fresh air is readily accessible.

The SUV single fan ceiling mounted unit ventilator may be just what you need. The linear arrangement could solve that tight ceiling problem. The 14 gauge fan board and full 1" acoustic insulation, standard on all Engineered Air unit ventilators, insures quiet operation. Recessed installations have bottom access with optional hinged doors. For fully concealed SUV units, side access is recommended.

The small footprint of the RUV model means more usable floor area. With vertical up and down flow, blow through and draw through models, Engineered Air has an arrangement for every situation. The RUV base height is adjusted to suit any floor to ceiling dimension. All Engineered Air unit ventilators feature sloped stainless steel drain pans for positive condensate removal and long life. Lateral discharge ducts of rugged 16 gauge steel can be provided for down flow units. Lateral ducts have integral pencil proof louvres and are available in matching colors.

The HUV style unit ventilator for concealed or exposed ceiling installations rounds out our family of unit ventilators. The HUV can be installed exposed (below the ceiling), flush mounted or concealed. All of our unit ventilators can be supplied with your choice of steam, water or electric heating coils and DX or water cooling coils. Duct discharge or integral grilles are available.

Engineered Air can also provide any of the models with self-contained DX cooling. This eliminates the need for outdoor condensing units that are subject to vandalism and damage. Using quiet and efficient scroll compressors provides cooling in areas that are occupied year round and allows the central plant to be shut down during idle times.



ENGINEERED AIR®

FEATURES	BENEFITS
4 Models to choose from.	Versatility that means no compromises.
Units from 600 to 2400 CFM.	Matching air flow to project requirements.
Self-contained DX units available.	Efficient quiet condenser section means you never have to lose your cool.
Custom built to specific dimensions.	Reduced installation costs. Re-work of adjacent cabinetry eliminated.
Standard 16 gauge construction. (14 gauge optional).	Heavy duty construction that will last for years and years.
Electrostatically applied baked polyester powder coat textured paint.	Durable furniture quality finish that resists scratching.
Multiple access panels.	Reduced weight makes easier access and quicker maintenance.
Large piping pockets.	Faster, easier installation. Efficient maintenance.
Allen key camlock fasteners.	Easy access that resists tampering.
Standard 14 gauge fan boards and all steel housing with galvanized steel blowers.	Long lasting, quiet operation.
Optional slide out fan boards.	Increased serviceability.
1 inch 3 pound per cubic foot insulation.	Greater sound absorption for quiet operation.
Engineered Air manufactured high capacity coils.	Allows optimum fresh air quantities while maintaining comfort.
Stainless steel drain pans with cross breaks and positive slope.	Efficient condensate removal.
Efficient permanent split capacitor motors.	Lower operating cost.
Water, Glycol, Steam, DX or Electric Coil options c/w face and bypass if desired.	Flexibility in the type of heating or cooling medium to suit your specific application.

Fans are selected for quiet operation.

A wide variety of control options are available.



Easy access to components through removable doors.

Units with dedicated outside air cooling coils and fans are available in RUV and SUV models for high humidity areas.

Typical Options (* Represents Standard Features)

CASING

- * 16 gauge cold rolled steel
- * 1" - 3 pcf insulation
- 14 gauge optional

CONTROLS

- * Factory wiring
- Damper actuators

CUSTOM

- Height
- Width
- Length
- Access
- Materials
- Piping pockets

CUSTOM

- "A" coils
- Plenum fans
- Energy recovery
- Packaged cooling
- Raised condenser
- UVC & odor control

ACCESS

- * Lift out doors (VUV & HUV)
- * Hinged doors (RUV & SUV)
- * Camlock fasteners
- * Separate piping pockets

FINISHES

- * Powder coat textured paint
- Special colors



Sales Offices Throughout North America

Manufacturing Facilities:

DESOTO, KANSAS

CALGARY AND EDMONTON, ALBERTA

NEWMARKET, ONTARIO