

## AVSM

Factory assembled, vertical high-rise building AVSM Primary fan coils stand alone with riser water connections ready for a remote Secondary unit AVSS, are designed for free-blow or ducted, concealed installations, suitable for hotel, motel and apartment building applications.

### STANDARD FEATURES INCLUDE

- Performance AHRI Certified to Standard 440.
- ETL-Listed. Constructed in compliance with ANSI/UL 1995 Standard.
- All casing sheet metal components fabricated of 18GA G90 galvanized steel.
- High-efficiency 2-row coil suitable for a 2-pipe system.
- Coil manual air vent.
- 1-inch thick disposable filter.
- Cabinet liner in 1/2-inch dual-density fiberglass.
- Multi-speed motor of the permanent split capacitor (PSC) type.
- Direct driven blowers of the whisper quite type.
- Controls installed in a single control box suitable for single power supply.
- Single wall condensate pan in galvanized steel, thermally protected on the outside. ([Consult Superior Rex for availability](#)).
- Translucent flexible condensate water P-trap.
- Plenum discharge air flanges for duct and dry wall applications.

### OPTIONAL FEATURES INCLUDE

- 3-, 4- and 5-row coils for 2-pipe systems.
- Single block 2, 3 and 4 rows CW with 1-row re-heat or pre-heat coils for 4-pipe system applications (5 rows max).
- Single block 2 and 3 rows CW with 2 rows re-heat or pre-heat for 4-pipe system applications (5 rows max).
- Filter option include:
  - ◊ 1-inch high-efficiency pleated filters.
  - ◊ 1-inch washable filters.
- Cabinet liner in 1-inch dual-density fiberglass.
- Cabinet liner in 1/2-inch foil face.

- Cabinet liner in 1-inch foil face.
- Motor Voltage suitable for 208V, 230V or 277V/1Ph/60Hz power supplies.
- Motor in-line quick disconnect.
- Thermostat and Accessories ([Refer to the Accessories section for details](#)).
- Single power supply disconnects switch and fuses.
- Automatic 2-pipe changeover switch for heating and cooling applications.
- Electric heaters.
- Standby electric heater auto changeover switch.
- Fresh air opening.
- Fresh air manual and auto dampers.
- Fresh air freeze protection.
- Valve Packages ([Refer to the Accessories section for details](#)).
- Condensate pan options:
  - ◊ Single wall condensate pan manufactured in 20GA 304 Stainless Steel.
  - ◊ Double wall construction consisting of outer and inner skins.
  - ◊ Condensate pan mastic coating applicable overflow safety switch.
- Discharge air grilles:
  - ◊ Aluminum double deflection.
  - ◊ Deluxe aluminum double deflection grilles ([Contact Superior Rex for availability](#)).
  - ◊ Linear bar aluminum grilles.
- Discharge air grille options:
  - ◊ Dual discharge.
  - ◊ Air damper controls for units with dual discharge grilles.
  - ◊ Special discharge air grille colors ([Contact Superior Rex for color range availability and price](#)).
  - ◊ Discharge air grille location.
- Return air/access panels painted white:
  - ◊ Stamped galvanealed steel.
  - ◊ Remote stamped galvanealed steel.
  - ◊ ADA stamped galvanealed steel.
  - ◊ ADA remote stamped panel.
  - ◊ Invisislot blank front panel.



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- ◊ Deluxe aluminum panel with a removable core.
- Linear bar aluminum panel with a removable core.
- Special return air/access panel color ([Contact Superior Rex for color range availability and price](#)).
- Return air/access panel fasteners:
  - ◊ Philips head fasteners.
  - ◊ Tamper proof fasteners.
  - ◊ Quarter turn fasteners.
- Fan section noise reduction kit.
- 1-hour fire rating.

### OPTIONAL RISER ASSEMBLY FEATURES INCLUDE

- Unit mounted riser.
- Risers supplied loose.
- Riser pipe type M, L and K. ([Consult Superior Rex for availability of type K risers](#)).
- Riser thermal Insulation in 1/2- or 3/4-inch wall thickness.
- Riser connections to Primary unit options:
  - ◊ Welded to the unit piping.
  - ◊ Union connections using rigid copper pipe.
  - ◊ Union connections with flexible braided stainless steel hoses.
  - ◊ Riser connections to salve unit (supplied separate) options:
    - ◊ Union connections using rigid copper pipe.
    - ◊ Union connections with flexible braided stainless steel hoses.
    - ◊ Riser extensions.
    - ◊ Riser extension end connection reducers.

