SECTION 15850D - AIR HANDLING UNITS

A. SECTION INCLUDES

1. Central Station Air Handling Units with Coils, for Indoor Installations

B. SECTION DOES NOT INCLUDE

1. Rooftop Units (are not permitted)

C. DESIGN CRITERIA

1. Air Velocity limits: 500 fpm through filters and cooling coil.

2. Thermal Insulation

3. Acoustic criteria

4. Cooling coil condensate drainage pan: SPECIFY THAT CONDENSATE PAN SLOPE DESIGN, GUARANTEES FULL DRAINAGE.

5. Design to prevent coil freeze. Consider: air blender, secondary heating coil pump, secondary cooling coil pump, outdoor air preheat steam coil.

6. Design system to minimize and/or accommodate humidifier heating effect.

7. Design required access around units for maintenance, including: filter, fan shaft and coil removal.

END