

Interface Engineering
WA

1.6 WARRANTY

- A. Warranty of materials and workmanship as required by Section 23 00 00 and Division 01, General Requirements.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Season 4, Innovent, Haakon, MAFNA, Hunt Air.

2.2 GENERAL DESCRIPTION

- A. Configuration: Fabricate with fans plus accessories including:
 1. Cooling Coils
 2. Heating Coils
 3. Humidifier
 4. Filters
 5. Dampers
 6. Vibration Isolation
 7. Fan Air Flow Station
 8. Motors
 9. Variable Frequency Drives
- B. Fabrication: Conform to AMCA 210 and ARI 430
- C. Description: Provide factory-fabricated indoor air handling unit(s) with capacity and accessories as indicated on the schedule. Units to have overall dimensions as indicated and fit into the space available with adequate clearance for service. Units to come completely assembled. Ship multiple sectioned units as a single factory assembled piece (except where shipping limitations prevent or access into the building is required) de-mounted into modular sections in the field by the contractor. Furnish units with sufficient gasket and bolts for reassembly in the field by the contractor. Electrical components and assemblies to comply with NEMA standards. Unit internal insulation must have a flame spread rating not over 25 and smoke developed rating no higher than 50 complying with NFPA 90A, "Standard for the Installation of Air Conditioning and Ventilating Systems." Units to comply with NFPA 70, "National Electrical Code," as applicable for installation and electrical connections of ancillary electrical components of air handling units.

2.3 CASING

- A. Construction: Construction of the air handling unit to consist of a G-90 galvanized steel frame 16 gauge painted galvanized steel frame with formed 16 gauge galvanized steel exterior casing panels. Provide exterior casing panels attached to the gasketed steel frame with corrosion resistant fasteners. Provide casing panels completely removable from the unit exterior without affecting the unit's structural integrity. (Units without framed type of construction to be considered, provided the exterior casing panels are made from 14 gauge galvanized steel, maximum panel center lines are less than 20-inches and deflection is less