

- .2 Provide data of filter media, filter performance data, filter assembly, and filter frames.
- .3 Provide manufacturer's installation instructions.

### **3. SAFETY AGENCY LISTED & CERTIFICATION**

- .1 Air Handling units shall be CETL safety listed to conform with UL Standard 1995 and CAN/CSA Standard C22.2 No. 236.
- .2 Air handler furnished with double width, double inlet (DWDI) fans and/or plenum fans where applicable, shall be certified in accordance with the central station air handling units certification program, which is based on ARI Standard 430. (NOTE: Above does not apply to fan array)
- .3 Air handling unit cooling coils shall be certified in accordance with the forced circulation air cooling and air heating coils certification program, which is based on ARI Standard 410.

### **4. DELIVERY, STORAGE, AND HANDLING**

- .1 Units shall be delivered in modules small enough to be installed through the mechanical room's louvers or doors opening. Units to be reassembled on site under the supervision of the manufacturer representative.
- .2 Deliver, store, protect and handle products to site.
- .3 Accept products on site on factory-furnished shipping skids. Inspect for damage.
- .4 Store in clean dry place and protect from construction traffic. Handle carefully to avoid damage to components, enclosures, and finish.

### **5. STANDARDS OF ACCEPTANCE**

- .1 Engineered Air (base of design)
- .2 Daikin
- .3 **Mafna**

## **2 - PRODUCTS**

### **1. GENERAL DESCRIPTION**

- .1 Configuration: Fabricate as detailed on drawings. The equipment shall not exceed the dimensions indicated on the drawings in order to fit into the mechanical room and allow for maintenance.
  - .2 The unit shall be pre-assembled at the factory for testing and then dis-assembled in modules as required to fit into the mechanical room through the wall opening (O/A or exhaust louver). The manufacturer shall visit the site prior to commencing fabrication
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