

Acceptable unit manufacturers are Haakon Industries (Canada) Ltd, MAFNA Air Technologies Inc., Scott Springfield Mfg. Inc., Racan Carrier Co. and “1 Ventrol1”, “2...Engineered Air...2”

1.2.3. , with acceptable components as follows:

1.2.3.1. **fans:** Twin City Fan and Blower, Loren Cook Co., Greenheck Fan Corp., and CML Northern Blower Inc.;

1.2.3.2. **heat transfer coils:** Aerofin Canada Services Inc., Heatcraft Inc., and McQuay International;

1.2.3.3. **filters:** Camfil Farr Canada Inc. and AAF International.

PART 2 - PRODUCTS

2.1. PRE-DELIVERY FACTORY INSPECTION AND TESTING

2.1.1. When each is completely assembled and ready for shipment, including assembly of shipping sections, the following factory testing is to be performed:

2.1.1.1. a pressure test of 3.0 kPa (with leakage not to exceed 1%, witnessed by the Consultant, and all normal travel expenses incurred for two people to attend the test in the manufacturer’s plant are to be included in the Contract;

2.1.1.2. at the time of the factory pressure test, an inspection by the Consultant for defects and conformance to unit construction requirements of the Contract.

2.1.2. Defects found which cannot be corrected while the Consultant is at the manufacturer’s plant, and/or failure of the pressure test will result in rejection of the unit(s), and the unit(s) must be corrected and again examined by the Consultant at a later date but prior to shipment, and the Consultant’s expenses for re-inspection are to be included in the Contract.

2.1.3. All factory tests and inspections are to be scheduled with the Consultant with a minimum of seven working days written notice. Make all travel and accommodation arrangements on behalf of the Consultant, and ensure that travel tickets, itinerary, etc., are in the hands of the Consultant well before the factory visit departure date.

2.2. CASING AND SECTION CONSTRUCTION

2.2.1. Factory custom made, sectional, modular, rigid air handling units with dimensions and arrangements as shown on the drawings. Specific requirements of construction, in addition to requirements of drawing details, are as follows:

2.2.1.1. adhesive backed aluminium duct tape is to be applied to all metal joints in floor panels prior to erection of walls;

2.2.1.2. except for perforated panels, all interior panels are to be smooth for wash-down, and all joints are to be neatly caulked;

2.2.1.3. units are to be supplied in sections as required to fit through building openings or to suit lifting requirements, and all shipping sections are to be properly sealed and prepared for highway shipping, and are to be complete with shrink wrapped openings, rigging instructions, and all gasketing, caulking and fasteners for site assembly and connections;

2.2.1.4. all section-to-section connection brackets are to be heavy-gauge hot dipped galvanized steel with heavy-duty non-corrosive hardware, designed for tight section-to-section connections;