

Sunnybrook Health Sciences Centre
 Proposed Renovations - Sunnybrook Campus
 Project A: Odette - Colposcopy
 Project B: Women's and Babies Ambulatory Care
 Project # SW08646 / SW07623A (HDR)
 HHA # 2061204-11 / 2061062-32

Section 15846

Page 2

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Issued for
 Building Permit & Tender

Custom Air Handling Units

- .3 Provide permanent test ports c/w cap and chain in each section of unit centered above each access door.
- .4 Site pressure test procedure;
- a) Use a calibrated orifice plate and blower unit to measure air leakage rate at test pressure.
- b) Pressure test air leakage to be not more than 1½ % of unit airflow capacity at 2.49 kPa {8 in} static test pressure.
- .5 Site flow test procedure;
- a) Conduct tests to Measure and record test data as follows;
- pressure drops across coils and filters
 - fan inlet and discharge static pressure,
 - fan input kW
 - fan supply air volume
 - fan speed (rpm).
- .6 Submit test report and plot of pressure flow characteristic on catalogue fan curve, to both the Consultant and the Commissioning Agent, for review as shop drawing.

2. PRODUCTS

2.1 General

- .1 Factory assembled, from base, frame, casings, access doors, components such as fans, coils, filters, dampers, humidifiers, motors, belt and variable frequency drives, drip pans, eliminators, vibration isolation, silencers, inlet cowls, louvres, and accessories as shown and specified.

- .2 In tender submission, list separate itemized price for each air handling unit and associated manufacturer's name.

- a) AHU F-1, F-2, F-3, F-4

Standard of Acceptance

- o Haakon
- o Trane Ingenia
- o MAFNA

2.2 Materials

- .1 Galvanized steel:
- a) ASTM A-527 lock-former quality