

Deleted: ASHBRIDGES BAY
TREATMENT PLANT #1
P BUILDING UPGRADE AND
ODOUR CONTROL

Deleted: 12FS-18WP

O. Dual circuited systems, one condenser fan shall be controlled to maintain positive head pressure and an ambient thermostat shall be supplied to prevent the refrigeration system from operating below 45°F ambient.

P. Provide Electrofin® baked epoxy coating with a 5000-hour salt spray test per ASTM B117 on coils.

ELECTRICAL AND CONTROLS

Q. All wiring shall comply with UL / CUL requirements. The unit shall be provided with a factory wired weatherproof control panel. Unit shall have a single point power terminal block for main power connection. A terminal board shall be provided for low voltage control wiring.

R. Power and starting components shall include: circuit breaker for each compressor; fusing for the control circuit; compressor starting contactors; unit power terminal block for field connection to a single power supply and control power transformer and main disconnect switch.

S. Provide unit with terminal strip for connection to field installed controls and BAS interface as per drawings.

T. Provide 4 stages of cooling.

U. Supply a non-fused disconnect switch with a through-the-door handle.

V. Provide phase loss protection.

W. Provide ground fault protection.

2.22 ACCEPTABLE MANUFACTURES AND SUPPLIERS

A. Acceptable manufactures and suppliers are as follows:

1. Air handling units

(A) Haakon Industries

(B) Mafna

(C) Ingenia Technologies Inc.

(D) Scott Springfield

(E) Ventrol

(F) Racan Carrier Co.

2. Fans

(A) Twin City Fan & Blower Co.

(B) Loren Cook

3. Heat transfer coils

(A) Aerofin Canada Services Inc.