

- .15 "RW90" or TWH" colour coded copper conductors and rigidly secured surface mounted PVC coated threaded rigid galvanized steel conduit in accordance with wiring requirements specified in Division 16, including flexible liquid-tight conduit at motor connections

**2.14 Factory Finish**

- 2.14.1 All exterior galvanized steel surfaces are to be hand acid etched, chemically cleaned, coated with proper primer, then painted with two 100% covering coats of eggshell enamel with colour as selected from the paint manufacturer's standard colour range. Paint (finish) louvers to match unit Colour. Supply four (4) litres of touch-up paint for each unit.

**2.15 Acceptable Manufactures and Suppliers**

- 2.15.1 Acceptable manufactures and suppliers are as follows:

- .1 air handling units
  - .1 Haakon Industries
  - .2 Racan Carrier Co
  - .3 Ingenia
  - .4 Ventrol
  - .5 Mafna ←
- .2 fans
  - .1 Twin City Fan & Blower Co.
  - .2 Loren Cook
- .3 heat transfer coils
  - .1 Aerofin Canada Services Inc.
  - .2 Heatcraft Inc.
  - .3 McQuay
  - .4 Trane
- .4 filters
  - .1 CamfilFarr Inc.

**PART 3 EXECUTION**

**3.1 Installation of Custom Made Air Handling Units**

- 3.1.1 Provide custom made air handling units where shown.
- 3.1.2 Contractor to rig and hoist each outdoor roof mounting unit section to the roof in accordance with the manufacturer's instructions and details, and assemble in place on the roof curb. Unit Manufacturer or Manufacturer's Sales Representative to provide guidance during the installation and written confirmation of satisfactory installation. Give unit manufacturer or Manufacturer's Sales Representative minimum of seven (7) working days notice prior to commencement. Refer to Drawing details. Provide continuous compressible gasket material between the curb and the unit base. Properly and adequately protect air handling unit sections on the ground prior to hoisting, and on the roof prior to completion of a weather-proof assembly.
- 3.1.3 Secure the roof top mounted units TAB-ACC-AHU-2240,AHU-2250 and AHU-2110 in place, level and plumb, on a curb.
- 3.1.4 Remove fan base hold-down clamps and all other shipping restraints.