

2.02 MANUFACTURERS

- A. Subject to compliance with requirements, provide packaged rooftop units of one of the following manufacturers:
- Seasons - 4
 - Concepts & Designs Inc. (CDI)
 - Annexair
 - Coolbreeze Ventilation Equipment
 - Petra Engineering Industries
 - Mafna

PART 3 - EXECUTION**3.01 SUPPLEMENTAL INSTALLATION**

- A. Packaged Rooftop Units
1. Electrical Wiring: The Division 16 Electrical contractor shall install electrical devices furnished by manufacturer but not specified to be factory-mounted. Furnish copy of manufacturer's wiring diagram submittal to Electrical.
 - a. Verify that electrical wiring installation is in accordance with manufacturer's submittal and installation requirements of Division-16 Sections. Do not proceed with equipment start-up until wiring installation is acceptable.
 - b. All wiring in the packaged rooftop unit sections shall be in standard (in accordance with the NYC Electrical Code) or flex type conduit except wiring in the condensing unit section shall be standard or Sealtight type conduit. Wiring shall be color-coded and shall be numbered at termination points. Control circuit wiring shall be 16-gauge minimum type TFF. Power wiring shall be minimum 12-gauge type THHN wire. Wiring diagrams shall be laminated to inside of control panel door. The rooftop unit manufacturer shall provide control panel(s) that shall contain all necessary components for the fan, mechanical cooling and gas heating functions of the unit. These control panels shall be provided with 115 volts and 24 volts step down transformers.
 - c. The rooftop unit manufacturer shall furnish, mount and wire the Lon Certified or Compliant DDC controller, terminal strips, Sensors (Analog and Digital), Modulating Spring Return Control Actuators, Sensing devices required per the points list, sufficient I/O point inputs and outputs for System Operation, Monitoring and

NYSCA - 180Q**Bladykas Engineering**