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**PART 1 GENERAL**

**1.1 RELATED SECTIONS**

- .1 Section 01 33 00 – Submittal Procedures.
- .2 Section 01 74 21 – Construction/Demolition Waste Management and Disposal.
- .3 Section 23 09 33 – Electric and Electronic Control System for HVAC.
- .4 Section 26 05 00 – Common Work Results - Electrical.

**1.2 PRODUCT DATA**

- .1 Submit product data in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product data to include:
  - .1 Replacement data for motor element, thermostat and switch.
  - .2 Mounting methods.
  - .3 kW rating, voltage, phase.
  - .4 Cabinet material thicknesses.
  - .5 Physical size.
  - .6 Finish.
  - .7 Thermostat, transformer, controls where integral.

**1.3 WASTE MANAGEMENT AND DISPOSAL**

- .1 Separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal, and with the Waste Reduction Workplan.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal, paper, plastic, polystyrene, corrugated cardboard, packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.
- .4 Divert unused metal and wiring materials from landfill to metal recycling facility approved by Owner's Representative.

**PART 2 PRODUCTS**

**2.1 FORCED AIR HEATERS**

- .1 Forced air heaters, wall mounted commercial type as follows:

- .1 Enclosure:
  - .1 Steel, 1.2 mm thick.
  - .2 Knockouts for 19 mm diameter conduit left, right, bottom and rear.
  - .3 Grill and frame finished coating.
- .2 Elements and Fan:
  - .1 Mineral insulated.
  - .2 Motor: totally enclosed, shaded pole, impedance protected motor.
- .2 Controls:
  - .1 Wall mounted thermostat: type low voltage, to Section 23 09 33 - Electric and Electronic Control System for HVAC.
  - .2 Built-in tamperproof controls. 'On-Off-Fan Only' selector switch and temperature control knob.
- .3 Capacity as indicated.

### **PART 3      EXECUTION**

#### **3.1            INSTALLATION**

- .1 Install heaters in accordance with manufacturer's instructions.
- .2 Make power and control connections.

#### **3.2            COMMISSIONING**

- .1 Perform tests in accordance with Section 26 05 00 – Common Work Requirements – Electrical.

**END OF SECTION**