

SECTION 11515

KILNS

PART 1 GENERAL

1.01 SUBMITTALS

- A. Shop Drawings: Indicate:
 - 1. Electrical requirements and layout.
 - 2. Hood connections and anchorage.

1.02 WARRANTY

- A. Provide a 2-year warranty for parts and labor.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Kilns:
 - 1. Model 2327H by Olympic Kilns.
 - 2. Model 1027 by Skutt Ceramic Products, Portland, OR.

NOTE TO SPECIFIER: Hoods shall be specified for kiln areas only, and not kiln rooms.

- B. Hoods:
 - 1. Hood by Vent-a-Kiln Corporation, Buffalo, NY.
 - a. Standard System: For 8' to 12' ceilings.
 - b. Swinging Wall Bracket System: For ceilings less than 8 feet or higher than 12 feet or used for 2 adjacent kilns.

2.02 EQUIPMENT

- A. Firing Chamber Size:
 - 1. 23-3/8" wide by 27" deep.
 - 2. 7 cubic feet.

NOTE TO SPECIFIER: Verify available voltage requirements at new and existing kiln rooms before selection of kiln and edit to suit project conditions.

B. Electrical:

1. Amps: 45 to 48.
2. Watts: 10,800 to 11,520.
3. Volts: 208 or 220/240.
4. Breaker: 50 to 60.

C. Accessories:

1. Wall Insulation: Brick.
2. Electrical Box: Provide heat shields and top and bottom ventilation.
3. Limit timer.
4. Kiln sitter.
5. Pyrometer.
6. Exterior face with rustproof stainless steel.
7. Provide steel stand and furniture kit.
8. Hood.
 - a. 2 speed exhaust controls (200/265 cfm).
 - b. Exterior venting kit.
 - c. Overhead counter weight pulley system.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Do not proceed with the work of this section until conditions detrimental to the proper and timely completion of the work have been corrected in an acceptable manner.
- B. Verify the proper installation and connections of the electrical outlets and kiln hood before installation.

END OF SECTION