

## PART 1 GENERAL

## 1.01 SECTION INCLUDES

- A. Commercial Washer - Extractor Machines.
- B. Commercial Dryers

## 1.02 RELATED REQUIREMENTS

- A. Section 013000 - Administrative Requirements: Submittal procedures, project meetings, progress schedules and documentation, reports, coordination.
- B. Section 017800 - Closeout Submittals: Project record documents, operation and maintenance (O&M) data, warranties and bonds.

## 1.03 REFERENCE STANDARDS

- A. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- B. UL (DIR) - Online Certifications Directory; Current Edition.

## 1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: Coordinate the installation of the Commercial Washer - Extractors and Dryers with size, location and installation of service utilities.

## 1.05 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide complete product data, schematics, utility requirements, repair and manufacturer's installation requirements / instructions, maintenance recommendations and manufacturer's warranty..
- C. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

## 1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

## 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and handle the units as required for delivery to project site in manufacturer's protective crates and packing materials..
- B. Store units under cover and elevated above grade in a weather protected enclosure until ready for installation.

## 1.08 WARRANTY

- A. See Section 017800 - Closeout Submittals, for additional warranty requirements.
- B. Provide five year manufacturer warranty for Washer-Extractor and Dryer Units..

## PART 2 PRODUCTS

## 2.01 MANUFACTURED UNITS

- A. Basis of Design Manufacturer: Huebsch.
- B. Description: Hardmount Washer-Extractor
  - 1. Washer- Extractor Units: Huebsch Model HC060. Unit shall have RinSave water saving technology, 6,9 speeds, programmable controller, Back-lit LCD display, Single-motor inverter drive., tapered roller bearings, large cylinder perforations, Auto-tension V-belt drive, six liquid injection ports, tall lifting ribs and High Mechanical Action Factor.
  - 2. Capacity: 60 pounds (27 KG).
  - 3. Color: To be selected by Architect from standard range.
  - 4. Machine Dimensions: 34 1/16 inches wide x 42 9/16 inches deep x 49 7/8 inches high.
  - 5. Motor: 3 HP
  - 6. Wash Speeds: 31 through 43 RPM.
  - 7. Distribution Speed: 77 RPM.
  - 8. Extraction Speeds: 252 through 686 RPM
  - 9. Extraction G-Force: 200.
  - 10. Unit Weight: 695 pounds.
  - 11. Voltage: to be determined.
  - 12. Electrical Connection Requirements: Listed and classified by UL (DIR) as suitable for the purpose specified and indicated.
- C. Commercial Dryer:
  - 1. Dryer Units: Huebsch model HT075. Unit shall have permanently lubricated ball bearings on the motor and drive system, V- belt and pulley system, powder coated painted inside and outside wit baked enamel finish, steel door with gasketless glass one-piece door, computer operated dryer controls with multi-lingual LED screen interface positions.
  - 2. Capacity: 75 pounds.
  - 3. Machine Dimensions: 38 1/2 inches wide x 53 inches deep x 77 5/16 inches high.
  - 4. Basket Volume: 22.4 cu. ft.
  - 5. Heat Input: 165,000 Btu/hr.
  - 6. Airflow: 800 cfm.
  - 7. 8" diameter vent connection.
  - 8. 1/2" gas connection
  - 9. Unit Weight: 680 pounds

## PART 3 EXECUTION

## 3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

## 3.02 SYSTEM STARTUP

- A. Provide manufacturer's field representative to perform systems startup.
- B. Prepare and start equipment and systems in accordance with manufacturers' instructions and recommendations.
- C. Adjust for proper operation within manufacturer's published tolerances.

### 3.03 ADJUSTING

- A. Adjust all laundry equipment installed for smooth operation.

### 3.04 CLEANING

- A. Clean laundry equipment installations. Remove all packing, cartons and construction / installation debris from the site and dispose of legally.

### 3.05 CLOSEOUT ACTIVITIES

- A. Demonstrate proper operation of equipment to Owner's designated representative.
- B. Demonstration: Demonstrate operation of system to Owner's personnel.
  - 1. Use operation and maintenance data as reference during demonstration.
  - 2. Briefly describe function, operation, and maintenance of each component.
- C. Training: Train Owner's personnel on operation and maintenance of system.
  - 1. Use operation and maintenance manual as training reference, supplemented with additional training materials as required.
  - 2. Provide minimum of two hours of training.

### 3.06 PROTECTION

- A. Protect installed laundry equipment from subsequent construction operations.

### 3.07 MAINTENANCE

- A. Provide a separate maintenance contract for the service and maintenance of laundry equipment for two years from Date of Substantial Completion.

### END OF SECTION