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**SECTION 11110****TUMBLE DRYER, 50 LB. (22.7 KG) CAPACITY****PART 1 GENERAL**

## 1.01 SECTION INCLUDES:

- A. Automatic laundry dryer for processing water-washed linen items

## 1.02 SYSTEM DESCRIPTION

## A. DESIGN REQUIREMENTS:

- 1. Dry weight capacity: 50 lb. (22.7 kg)
- 2. Cylinder volume: 18.67 cu ft (528676 cu cm) minimum
- 3. Construction: Heavy duty embossed steel with e-coat and baked enamel powder paint
- 4. Input voltage: 120/208-240/60/1
- 5. Heat source: Steam, 4.6 BHP, 3/4 inch (19 mm) NPT
- 6. Overall width: 38-5/8 inches (981 mm) nominal
- 7. Overall height: 80 inches (2032 mm) nominal
- 8. Overall depth: 47 inches (1194 mm) nominal
- 9. Exhaust size: 8 inch (203 mm)
- 10. Control system: Microprocessor touchpad control
- 11. Door: High grade stainless steel reversible door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge

## B. PERFORMANCE REQUIREMENTS:

- 1. BTU input: 120,000
- 2. Airflow: 750 CFM (21.2 CMM)
- 3. Motor horsepower: 1/2 hp
- 4. Control system
  - a. minimum of eight automatic drying cycles
  - b. ability to time dry
  - c. variable temperature settings from 120 - 180°F (49 - 82°C)
  - d. wrinkle free at cycle end allowing 2-1/2 minutes of tumble and 2-1/2 minutes of rest until door opens or maximum of one hour
- 5. Lint filter: 576 sq. inch (3716 sq. cm), self cleaning, depositing lint to large storage area at bottom of tumbler

## 1.03 DELIVERY, STORAGE &amp; HANDLING

## A. ACCEPTANCE AT SITE:

- 1. Inspect machine for damage prior to acceptance. If damage is found, follow freight handler's procedure for claims.

## B. STORAGE &amp; PROTECTION

- 1. Machine should be stored in a site protected from weather, direct sunlight & temperature extremes. Do not remove packaging prior to storage.

2. If machine is to be stored for an extended period of time, consult manufacturer for special requirements.

1.04 WARRANTY

- A. Warranty Period: Three years, limited, parts only, commencing on Date of Substantial completion

1.05 SYSTEM STARTUP & COMMISSIONING

- A. Machine installation should be inspected by local manufacturer's representative prior to startup & operation. The party installing the machine is responsible for setting the schedule for this inspection.

**PART 2 PRODUCTS**

- A. Source quality
- B. Alliance Laundry Systems LLC - UniMac, obtain commercial laundry equipment from a single manufacturer

1.02 QUALIFIED MODELS

- A. UniMac model **UT050SOM** (no substitutions permitted)

**PART 3 EXECUTION**

1.01 INSTALLATION

- A. Refer to & comply with manufacturer's installation instructions. Do not deviate without permission from site owner, architect, general contractor & manufacturer's local representative.