SECTION 11110
TUMBLE DRYER, 120 LB. (54.4 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: 120 lb. (54.4 kg)
2. Cylinder volume: 36.1 cu ft (102238 cu cm) minimum
3. Construction: Heavy duty embossed steel with e-coat and baked enamel powder paint
4. Input voltage: 208-240/60/3
5. Heat source: Gas, natural, 3/4 inch (19 mm) NPT
6. Overall width: 46-1/2 inches (1181 mm) nominal
7. Overall height: 85-3/4 inches (2177 mm) nominal
8. Overall depth: 68 inches (1727 mm) nominal
9. Exhaust size: 10 inch (254 mm)
10. Control system: Microprocessor touchpad control
11. Stainless steel door: High grade stainless steel door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge

B. PERFORMANCE REQUIREMENTS:
1. BTU input: 300,000
2. Airflow: 1600 CFM (45.3 CMM)
3. Motor horsepower: 1 hp fan and 3/4 hp cylinder
4. Reversing cylinder
5. 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
6. Lint filter: 1301 sq. inch (8394 sq. cm), self cleaning, depositing lint to large storage area at bottom of tumbler

1.03  DELIVERY, STORAGE & 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 & 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 UT120NRM (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.
Machine Dimensions and Specifications
Models UT120L and UT120N

Dimensions

- FRONT:
  - 85.7 in. (2177 mm)
  - 46.38 in. (1178 mm)
  - 31.38 in. (797 mm)
  - Min. distance 36 in. (914 mm)

- RIGHT SIDE:
  - 32.5 in. (826 mm)
  - Min. Clearance 24 in. (610 mm)
  - Min. clearance both sides of duct 2 in. (51 mm)
  - Exhaust airflow max. duct length 14 ft. (4.3 m)

- BACK:
  - 67.92 in. (1725 mm)
  - Min. clearance both sides of duct 2 in. (51 mm)
  - Exhaust airflow max. duct length 14 ft. (4.3 m)
  - Make-up Air Opening
  - Tumbler

Specifications

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<tr>
<th>Specification</th>
<th>Value</th>
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<td>Net Weight</td>
<td>1275 lbs.</td>
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<td>Make-up Air Opening</td>
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<td>Maximum Airflow per Pocket: C.F.M.</td>
<td>1600</td>
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<td>Maximum Static Back Pressure: Inches W.C.</td>
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<td>Gas Burner Rating</td>
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Electrical Specifications

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<th>Code</th>
<th>Voltage</th>
<th>Cycle</th>
<th>Phase</th>
<th>Wire</th>
<th>Full Load Amps</th>
<th>Breaker Rating (Amps)</th>
<th>Breaker Poles</th>
<th>Breaker AWG</th>
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