SECTION 11110
TUMBLE DRYER, 2 X 45 LB. (2 X 20.4 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: 2 x 45 lb. (2 x 20.4 kg)
      2. Cylinder volume: 2 x 14.8 cu ft (2 x 419089 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: Gas, natural, 1/2 inch (13 mm) NPT
      6. Overall width: 34-1/2 inches (876 mm) nominal
      7. Overall height: 81-1/16 inches (2059 mm) nominal
      8. Overall depth: 48-5/8 inches (1235 mm) nominal
      9. Exhaust size: 10 inch (254 mm)
     10. Control system: Dual timers for drying and cooldown, along with variable temperature settings
     11. Door: High grade stainless steel door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge

   B. PERFORMANCE REQUIREMENTS:
      1. BTU input: 2 x 95,000
      2. Airflow: 2 x 600 CFM (2 x 17 CMM)
      3. Motor horsepower: 2 x 1/2 hp fan and 2 x 1/2 hp motor
      4. Control system
         a. timer for drying 1 - 60 minutes
         b. timer for cooldown 1 - 15 minutes
         c. variable temperature settings from 120 - 190°F (49 - 88°C)
         d. digital display of time remaining in cycle
      5. Lint filter: 2 x 558 sq. inch (2 x 3600 sq. cm)

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 UTT45NQT (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 UTT30L, UTT30N, UTT45L and UTT45N

Dimensions

**T30 - 31.5 in. (800 mm)**
**T45 - 34.5 in. (876 mm)**

**T30 - 76.25 in. (1937 mm)**
**T45 - 81.25 in. (2063.75 mm)**

**T30 - 48 in. (1219 mm)**
**T45 - 49 in. (1245 mm)**

**T30 - 28 in. (711 mm)**
**T45 - 31.88 in. (810 mm)**

**T30 - 10 in. (254 mm)**
**T45 - 9 in. (229 mm)**

**T30 - 42.76 in. (1086 mm)**
**T45 - 48.62 in. (1223 mm)**

**T30 - 59 in. (1498 mm)**
**T45 - 62.5 in. (1588 mm)**

**T30 - 75.2 in. (1910 mm)**
**T45 - 78.75 in. (1998 mm)**

**T30 - 62.42 in. (1585 mm)**
**T45 - 66 in. (1676 mm)**

**T30 - 75 in. (1910 mm)**
**T45 - 78.75 in. (1998 mm)**

**T30 - 10 in. (254 mm)**
**T45 - 10 in. (254 mm)**

**Min. distance**
36 in. (914 mm)

**Exhaust airflow – Max. duct length**
14 ft. (4.3 m)

**Make-up Air Opening**: 2 square inches (51 mm)

**Min. Clearance**
24 in. (610 mm)
Rec. Clearance
36 in. (914 mm)

**Min. clearance both sides of duct**
2 in. (51 mm)

**Electrical Specifications**

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<tr>
<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>Fuse or Breaker Rating</th>
<th>AWG</th>
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<td>120</td>
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<td>20</td>
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<td>200-208, 240</td>
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<td>3</td>
<td>6.4</td>
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* 3 Phase machines should not have fuses, breakers only.

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October 2009