SECTION 11110
TUMBLE DRYER, 75 LB. (34 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: 75 lb. (34 kg)
2. Cylinder volume: 22.4 cu ft (634297 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: 38-5/8 inches (981 mm) nominal
7. Overall height: 76-5/8 inches (1946 mm) nominal
8. Overall depth: 53 inches (1346 mm) nominal
9. Exhaust size: 10 inch (254 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: 215,000
2. Airflow: 1100 CFM (31.1 CMM)
3. Motor horsepower: 1 hp fan and 1/3 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: 576 sq. inch (3716 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 UTF75NRM (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 UT075L, UT075N, UTF75L and UTF75N

### Dimensions

**Front**
- Dimensions: 76.625 in. (1946 mm)

**Right Side**
- Dimensions: 38.625 in. (981 mm)

**Back**
- Dimensions: 65.75 in. (1670 mm)

**Tumbler**
- Dimensions: 33.87 in. (860 mm)

**Make-up Air Opening**
- Dimensions: 24 in. (610 mm)
- Min. Clearance: 36 in. (914 mm)

**Exhaust airflow**
- Dimensions: 14 ft. (4.3 m)

**Gas Inlet**
- Diameter: 1/2 in. NPT
- Min. distance: 36 in. (914 mm)

**Electrical Connection**
- Diameter: 3.25 in. (83 mm)

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Cycle</th>
<th>Wire</th>
<th>Nonreversing</th>
<th>Reversing</th>
<th>Fuse or Breaker Rating (Amps)</th>
<th>AWG</th>
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<td>1 12</td>
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<td>240</td>
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* 3 Phase machines should not have fuses, breakers only.

### Make-up Air Opening
- Dimensions: 24 in. (610 mm)
- Min. Clearance: 36 in. (914 mm)

### Exhaust airflow
- Dimensions: 14 ft. (4.3 m)

### Gas Inlet
- Diameter: 1/2 in. NPT
- Min. distance: 36 in. (914 mm)

### Electrical Connection
- Diameter: 3.25 in. (83 mm)

### Tumbler
- Dimensions: 33.87 in. (860 mm)

### Net Weight: Pounds
- 75: 615  
- F75: 710

### Maximum Airflow per Pocket: C.F.M.
- 920

### Maximum Static Back Pressure: Inches W.C.
- 0.5

### Gas Burner Rating: Btu/hr.
- 165,000
- 225,000