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, 1/2 inch (13 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: 8 inch (203 mm)
   10. Control system: Microprocessor touchpad control
   11. Stainless steel door: High grade stainless reversible steel door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge

B. PERFORMANCE REQUIREMENTS:
   1. BTU input: 165,000
   2. Airflow: 920 CFM (26.1 CMM)
   3. Motor horsepower: 3/4 hp
   4. Reversing Cylinder
   5. Control system
      a. Programming methods: Machine keypad, Infrared (PC or PDA)
      b. 41-Cycle Capability with graphic display of words and icons
      c. PC software to program machine and/or audit machine performance with quick view performance reports
      d. Record start, stop and idle time by date and time
      e. Record last eight machine errors by date and time
      f. Record machine service history
      g. Internet connectivity for off-site diagnostic capabilities
      h. Automatic maintenance reminders by day, week and month
      i. Over Dry Prevention Technology (OPTidry™) system utilizes two cylinder lifters as sensors (note: some capacities only have one sensor lifter)
      j. Maintenance-free rotary transfer switch communicates signal between OPTidry™ sensor/lifters and control
k. Wrinkle free at cycle end allowing 30 seconds of tumble and 1-1/2 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 AND 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 AND PROTECTION
   1. Machine should be stored in a site protected from weather, direct sunlight and 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 AND COMMISSIONING

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

PART 2 PRODUCTS

2.01 MANUFACTURERS

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

2.02 QUALIFIED MODELS

A. UniMac model UT075NUO (no substitutions permitted)

PART 3 EXECUTION

3.01 INSTALLATION

A. Refer to and comply with manufacturer’s installation instructions. Do not deviate without permission from site owner, architect, general contractor and manufacturer’s local representative.
Machine Dimensions and Specifications
Models UT075L and UT075N

Dimensions

Tumble Dryer

Min. distance 36 in. (914 mm)

Front

38.625 in. (981 mm)

3.25 in. (83 mm)

Electrical Connection

3.25 in. (83 mm)

Gas Inlet

1/2 in. NPT

Min. distance 36 in. (914 mm)

Make-up Air Opening

Min. Clearance 24 in. (610 mm)

Rec. Clearance 36 in. (914 mm)

Exhaust airflow

Max. duct length 14 ft. (4.3 m)

Electrical Specifications

<table>
<thead>
<tr>
<th>Code</th>
<th>Voltage</th>
<th>Cycle</th>
<th>Phase</th>
<th>Wire</th>
<th>Nonreversing</th>
<th>Reversing</th>
<th>Full Load</th>
<th>Fuse or Breaker Rating</th>
<th>Breaker Poles</th>
<th>AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>120</td>
<td>60</td>
<td>1</td>
<td>2</td>
<td>13.8</td>
<td>N/A</td>
<td>20</td>
<td>1 or 2</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>F3</td>
<td>200-208</td>
<td>60</td>
<td>1</td>
<td>2</td>
<td>7.6</td>
<td>N/A</td>
<td>15</td>
<td>1 or 2</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>F5</td>
<td>200-208</td>
<td>60</td>
<td>3</td>
<td>3</td>
<td>3.8</td>
<td>4.3</td>
<td>10*</td>
<td>3</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>J8</td>
<td>240</td>
<td>60</td>
<td>3</td>
<td>3</td>
<td>3.8</td>
<td>4.3</td>
<td>10*</td>
<td>3</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Q1</td>
<td>460-480</td>
<td>60</td>
<td>3</td>
<td>3</td>
<td>1.9</td>
<td>2.1</td>
<td>10*</td>
<td>3</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

*3 Phase machines should not have fuses, breakers only.

Specifications

Net Weight: Pounds 615

Make-up Air Opening: Square inches 195

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

Maximum Static Back Pressure: Inches W.C. 0.5

Gas Burner Rating: Btu/hr. 165,000

Electrical Specifications

<table>
<thead>
<tr>
<th>Code</th>
<th>Voltage</th>
<th>Cycle</th>
<th>Phase</th>
<th>Wire</th>
<th>Nonreversing</th>
<th>Reversing</th>
<th>Full Load</th>
<th>Fuse or Breaker Rating</th>
<th>Breaker Poles</th>
<th>AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>120</td>
<td>60</td>
<td>1</td>
<td>2</td>
<td>13.8</td>
<td>N/A</td>
<td>20</td>
<td>1 or 2</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>F3</td>
<td>200-208</td>
<td>60</td>
<td>1</td>
<td>2</td>
<td>7.6</td>
<td>N/A</td>
<td>15</td>
<td>1 or 2</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>F5</td>
<td>200-208</td>
<td>60</td>
<td>3</td>
<td>3</td>
<td>3.8</td>
<td>4.3</td>
<td>10*</td>
<td>3</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>J8</td>
<td>240</td>
<td>60</td>
<td>3</td>
<td>3</td>
<td>3.8</td>
<td>4.3</td>
<td>10*</td>
<td>3</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Q1</td>
<td>460-480</td>
<td>60</td>
<td>3</td>
<td>3</td>
<td>1.9</td>
<td>2.1</td>
<td>10*</td>
<td>3</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

*3 Phase machines should not have fuses, breakers only.