SECTION 11110
LAUNDRY WASHER-EXTRACTOR, 25 LB. (11.3 KG) CAPACITY

PART 1  GENERAL
1.01  SECTION INCLUDES:
   A.  Automatic laundry washer-extractor for processing water-washed linen items

1.02  SYSTEM DESCRIPTION
   A.  DESIGN REQUIREMENTS:
      1.  Construction:  304 or equal stainless steel cylinder, tub, front & top panels
      2.  Input voltage:  208-240/60/1 or 3, 3 wire plus ground
      3.  Dry weight capacity:  25 lb. (11.3 kg)
      4.  Wash cylinder volume:  3.43 cu ft (118,648 cu cm) minimum
      5.  Overall width:  26 inches (660 mm) nominal
      6.  Overall height:  40-3/5 inches (1031 mm) nominal
      7.  Overall depth:  34-1/3 inches (871 mm) nominal
      8.  Number & size of water supply inlet valves:  3 at 1/2 inch (13 mm), all with 3/4NH (19 mm) male connections
      9.  Number & size of drain outlets:  1 at 2 inch (51 mm)
     10.  Overflow:  Internally plumbed
     11.  Control system:  Programmable microprocessor
     12.  Cylinder drive:  Direct motor 1 hp, capable of 1000 RPM maximum, using a rotation sensor to monitor performance
     13.  Bearing lubrication:  Shall use permanently lubricated bearings
     14.  Door mechanism:  Shall use a push button handle for ease of use

   B.  PERFORMANCE REQUIREMENTS:
      1.  Number of selectable cylinder speeds:  7, including 1/2 speed for processing delicate items
      2.  G-force at highest extract speed:  296 G's
      3.  Chemical supply system
         a.  manually filled 3 compartment dry chemical dispensing system
         b.  automatic flushing & connections for 8 external liquid supply lines & control signals for 5 external supplies
      4.  Programmable infinite water levels
      5.  Control system
         a.  programmable microprocessor
         b.  99 cycle capacity
         c.  RS-232 PC link for programming
         d.  capable of precise temperature controlled fills
e. thermal cooldown
f. overnight soak
g. cycle count
h. time remaining display

6. Drain valve automatically opens in event of power failure

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 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 **UX25PV** (no substitution)

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
Model UX25PV

Dimensions and Foundation Requirements

Electrical Specifications

<table>
<thead>
<tr>
<th>Code</th>
<th>Voltage</th>
<th>Cycle</th>
<th>Phase</th>
<th>Wire</th>
<th>Full Load</th>
<th>(Non-Fused)</th>
<th>AWG</th>
<th>mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>440-480</td>
<td>50/60</td>
<td>3</td>
<td>3+PE</td>
<td>6</td>
<td>15</td>
<td>14</td>
<td>2.5</td>
</tr>
<tr>
<td>X</td>
<td>200-240</td>
<td>50/60</td>
<td>1/3</td>
<td>2/3+PE</td>
<td>10</td>
<td>15</td>
<td>14</td>
<td>2.5</td>
</tr>
</tbody>
</table>

Water, Drain and Weight Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drain: Number (Size)</td>
<td>1 (2 in.)</td>
</tr>
<tr>
<td>Fill Water Inlets: Number (Size)</td>
<td>3 (0.75 in.)</td>
</tr>
<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>520 lbs. (569 lbs.)</td>
</tr>
<tr>
<td>Side Clearance:</td>
<td>6 in. (minimum) 18 in. (recommended)</td>
</tr>
</tbody>
</table>