SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 75 LB. (34 KG) CAPACITY

PART 1  GENERAL

1.01 SECTION INCLUDES:
   A. Freestanding 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: 208-240/60/3, 3 wire plus ground
      3. Dry weight capacity: 75 lb. (34 kg)
      4. Wash cylinder volume: 10.76 cu ft (304,691 cu cm) minimum
      5. Overall width: 41-4/5 inches (1061 mm) nominal
      6. Overall height: 61-2/5 inches (1559 mm) nominal
      7. Overall depth: 46 inches (1168 mm) nominal
      8. Number & size of water supply inlet valves: 3 at 3/4 inch (19 mm), with 3/4 inch (19 mm) NPT male connections
      9. Number & size of drain outlets: 1 at 3 inch (76 mm)
     10. Overflow: Internally plumbed
     11. Control system: Programmable microprocessor
     12. Cylinder drive: Single motor, 5.25 hp, capable of 1000 RPM maximum, using a rotation sensor to monitor performance
     13. Bearing lubrication: Shall include an automatic lubrication system
     14. Door mechanism: Shall use a push bar 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: 475 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 UX75PV (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 UX75PV

Dimensions and Foundation Requirements

Electrical Specifications

<table>
<thead>
<tr>
<th>Voltage Designation</th>
<th>Non-Electric Heat Machines (Standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>Voltage</td>
</tr>
<tr>
<td>N</td>
<td>440-480</td>
</tr>
<tr>
<td>P</td>
<td>380-415</td>
</tr>
<tr>
<td>Q</td>
<td>200-240</td>
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</tbody>
</table>

Water, Drain and Weight Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drain Number (Size)</td>
<td>1 (3 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>1907 lbs. (2194 lbs.)</td>
</tr>
<tr>
<td>Side Clearance:</td>
<td>6 in. (minimum)</td>
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<td>18 in. (recommended)</td>
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Part No. 10-09-226
November 2009