SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 255 LB. (110 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. Dry weight capacity: 255 lb. (110 kg)
      4. Wash cylinder volume: 38.9 cu ft (1,102,000 cu cm) minimum
      5. Overall width: 69.7 inches (1770 mm) nominal
      6. Overall height: 81.4 inches (2055 mm) nominal
      7. Overall depth: 76.3 inches (1900 mm) nominal
      8. Number & size of water supply inlet valves: [2] at 2 inch (51 mm)
      9. Number & size of drain outlets: 5 inch (127 mm)
      10. Overflow: Internally plumbed
      11. Control system: Programmable microprocessor
      12. Cylinder drive: Single motor, 25 hp, capable of 720 RPM maximum, using a rotation sensor to monitor performance

   B. PERFORMANCE REQUIREMENTS:
      1. Number of selectable cylinder speeds: 5
      2. G-force at highest extract speed: 380 G's
      3. Chemical supply system
         a. Side mounted dispenser with 5 independently controlled dry supply compartments
         b. automatic flushing & connections for 5 external supply lines & control signals for 5 external supplies
      4. 6 programmable infinite water levels
      5. Control system
         a. Programmable microprocessor
         b. 79 cycle capacity
         c. Capable of precise temperature controlled fills
         d. Thermal cooldown
         e. Overnight soak
      6. Drain valve automatically open 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 **UVN255** (no substitutions)

PART 3 EXECUTION

1.01 INSTALLATION
   A. Refer to & comply with manufacturer’s installation instructions, document number 9001000.
      Do not deviate without permission from site owner, architect, general contractor &
      manufacturer’s local representative.
Machine Dimensions and Specifications
Models UVN255PVQU1 and UVN255PVRU1 (Standard)

Dimensions and Foundation Requirements

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 Amps</th>
<th>(Non Fused) Breaker</th>
<th>AWG</th>
<th>mm²</th>
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<tr>
<td>Q</td>
<td>208-240</td>
<td>50/60</td>
<td>3</td>
<td>3+PE</td>
<td>30.5</td>
<td>40</td>
<td>8</td>
<td>8</td>
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<tr>
<td>R</td>
<td>440-480</td>
<td>50/60</td>
<td>3</td>
<td>3+PE</td>
<td>14.4</td>
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<td>6</td>
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Water, Drain and Weight Specifications

<table>
<thead>
<tr>
<th>Drain: Number (Size)</th>
<th>2 (5 in.)</th>
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<tbody>
<tr>
<td>Fill Water Inlets: Number (Size)</td>
<td>3 (2 in.)</td>
</tr>
<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>8566 lbs. (9056 lbs.)</td>
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<tr>
<td>Side Clearance:</td>
<td>27.6 in.</td>
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