SECTION 11110
LAUNDRY WASHER-EXTRACTOR, 255 LB. (110 KG) CAPACITY (2-WAY TILT)

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
2. Input voltage: 208-240/60/3, 3 wire plus ground
3. Dry weight capacity: 255 lb. (110 kg)
4. Wash cylinder volume: 38.9 cu ft (1100 L) minimum
5. Overall width: 72.4 inches (1839 mm) nominal
6. Overall height: 88.8 inches (2256 mm) nominal
7. Overall depth: 81 inches (2057 mm) nominal
8. Number & size of water supply inlet valves: [2] at 2 inch (51 mm)
9. Number & size of drain outlets: 1 at 5 inch (127 mm)
10. Overflow: Internally plumbed
11. Control system: Programmable microprocessor
12. Cylinder drive: Single motor, 40 hp with inverter drive, capable of 720 RPM through direct drive V belt.
13. Tilting System: Two-way tilt

B. PERFORMANCE REQUIREMENTS:
1. Number of selectable cylinder speeds: 6
2. G-force at highest extract speed: 380
3. Chemical supply system
   a. automatic flushing & connections for 9 external supply lines & control signals for 5 external supplies
   b. manually filled 5 compartment dry chemical dispensing
4. Control system
   a. Programmable microprocessor
   b. 39 cycle capability with graphic display of words or icons
   c. Temperature controlled fill and thermal cool-down capable
   d. Diagnostic capabilities
5. 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 **UVN255PV 2-way tilt** (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**

Models UVN255PVQT and UVN255PVRT (With Tilt)

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**Dimensions and Foundation Requirements**

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**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>Breaker/Wire Size (Non Fused)</th>
<th>AWG</th>
<th>mm²</th>
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<tbody>
<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>
<td>20</td>
<td>6</td>
<td>10</td>
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**Water, Drain and Weight Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drain: Number (Size)</td>
<td>2 (5 in.)</td>
</tr>
<tr>
<td>Fill Water Inlets: Number (Size)</td>
<td>3 (2 in.)</td>
</tr>
<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>9343 lbs. (10,098 lbs.)</td>
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<tr>
<td>Side Clearance</td>
<td>27.6 in.</td>
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