SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 100 LB. (45.4 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 & cover panels
      2. Input voltage: 208-240/60/3, 3 wire plus ground
      3. Dry weight capacity: 100 lb. (45.4 kg)
      4. Wash cylinder volume: 15.9 cu ft (450238 cu cm) minimum
      5. Overall width: 41-1/2 inches (1054 mm) nominal
      6. Overall height: 68-1/2 inches (1740 mm) nominal
      7. Overall depth: 54-1/2 inches (1384 mm) nominal
      8. Number & size of water supply inlet valves: 4 at 3/4 inch (19 mm), all with 3/4NH (19 mm) male connections
      9. Number & size of drain outlets: 2 at 3 inch (76 mm)
     10. Overflow: Internally plumbed
     11. Control system: Programmable microprocessor
     12. Cylinder drive: Single motor, 7.5 hp, capable of 766 RPM maximum
   B. PERFORMANCE REQUIREMENTS:
      1. Number of selectable cylinder speeds: 8, including 1/2 wash speed for processing delicate items
      2. G-force at highest extract speed: 300 G's
      3. Chemical supply system
         a. manually filled 5 compartment dry chemical dispensing system
         b. automatic flushing & connections for 5 external supply lines & control signals for 8 external supplies
      4. Configured for possible future addition of water reuse system
      5. Through the door jet-spray rinse system
      6. Control system
         a. Programmable microprocessor; (manual keypad, Windows PDA or PC);
         b. 41 cycle capability with graphic display of words or icons
         c. PC software interface with laundry management reports, netowrk capability
         d. Real-time clock allows time/date stamp of 100+ items; maintenance reminders
         e. 30 programmable water levels
         f. Temperature controlled fill and thermal cool-down capable
g. Water monitoring: slow drain and auto leak detection system
h. Diagnostic capabilities

7. Drain valves 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 UWN100T3V (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 UWN100T3VQ and UWN100T3VR

Dimensions and Foundation Requirements

Electrical Specifications

<table>
<thead>
<tr>
<th>Voltage Designation</th>
<th>Non-Electric Heat Machines (Standard)</th>
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</thead>
<tbody>
<tr>
<td>Code</td>
<td>Voltage</td>
</tr>
<tr>
<td>Q</td>
<td>200-240</td>
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<tr>
<td>R</td>
<td>308-480</td>
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</tbody>
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Water, Drain and Weight Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drain: Number (Size)</td>
<td>2 (3 in.)</td>
</tr>
<tr>
<td>Fill Water Inlets: Number (Size)</td>
<td>4 (Fill: 0.75 in. Spray: 0.5 in.)</td>
</tr>
<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>1770 lbs. (1835 lbs.)</td>
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<tr>
<td>Side Clearance:</td>
<td>6 in. (minimum) 18 in. (recommended)</td>
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