SECTION 11110
LAUNDRY WASHER-EXTRACTOR, 20 LB. (9.1 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: 208-240/60/3, 3 wire plus ground
3. Dry weight capacity: 20 lb. (9.1 kg)
4. Wash cylinder volume: 2.76 cu ft (78,154 cu cm) minimum
5. Overall width: 26 inches (660 mm) nominal
6. Overall height: 42 inches (1067 mm) nominal
7. Overall depth: 30-1/4 inches (768.35 mm) nominal
8. Number & size of water supply inlet valves: 2 at 1/2 inch (13 mm), all with 3/4 inch (19 mm) NH 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 drive V belt system
13. Drive motor: .74 hp

B. PERFORMANCE REQUIREMENTS:
1. Number of selectable cylinder speeds: 2
2. G-force at highest extract speed: 80 G’s
3. Chemical supply system
   a. manually filled 4 compartment dry chemical dispensing system
   b. automatic flushing & connections for 4 external supply lines and control signals for 5 external supplies
4. 2 independently controlled water levels
5. Control system
   a. Programmable microprocessor
   b. 4 cycle capacity
   c. 30 programmable water levels
   d. Programmable water temperature, hot, warm or cold
   e. Cycle counter
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 UCN020GN2 (no substitutions permitted)

PART 3 EXECUTION

1.01 INSTALLATION
   A. Refer to & comply with manufacturer’s installation instructions, document number F232125. Do
      not deviate without permission from site owner, architect, general contractor & manufacturer’s
      local representative.
Machine Dimensions and Specifications
Models UCN020GN2, UCN020HN2, UCN020KN2, UCN020KNF and UCN020HNF

Dimensions and Foundation Requirements

Electrical Specifications

<table>
<thead>
<tr>
<th>Voltage Designation</th>
<th>Non-Electric Heat Machines (Standard)</th>
</tr>
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<tbody>
<tr>
<td>Code</td>
<td>Voltage</td>
</tr>
<tr>
<td>B</td>
<td>120</td>
</tr>
<tr>
<td>X</td>
<td>200-240</td>
</tr>
<tr>
<td>O</td>
<td>208-240</td>
</tr>
<tr>
<td>Y</td>
<td>208-240</td>
</tr>
<tr>
<td>F</td>
<td>440-480</td>
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</tbody>
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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 (3/4 inch): Number (Size)</td>
<td>2 (0.5 in.)</td>
</tr>
<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>387 lbs. (420 lbs.)</td>
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<tr>
<td>Side Clearance:</td>
<td>2 in. (from wall) .5 in. (between machines)</td>
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