SECTION 11110
LAUNDRY WASHER-EXTRACTOR, 20 LB. 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 and cover panels
      2. Input voltage:
         B: 120/60/1; 2 wire plus ground
         O: 208-240/60/3; 3 wire plus ground
         Y: 208-240/60/1; 2 wire plus ground
         F: 440-480/60/3; 3 wire plus ground
      3. Dry weight capacity: 20 lb.
      4. Wash cylinder volume: 2.76 cu ft. minimum
      5. Overall width: 26 inches nominal
      6. Overall height: 42 inches nominal
      7. Overall depth: 30-1/4 inches nominal
      8. Number and size of water connections: 2 with 3/4 NH male connections
      9. Number and size of drain outlets: 1 at 2 inch
      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
      3. Chemical supply system
         a. manually filled 4 compartment dry chemical dispensing system
         b. automatic flushing and connections for 5 external supply lines and control signals for 4 external supplies
4. Control system
   a. Programmable microprocessor; (manual, PDA or laptop PC)
   b. 9 programmable cycles
   c. 3 programmable water levels
   d. Cycle counter
   e. Thermal cool-down
   f. Water monitoring: slow drain and automatic leak detection system
   g. Diagnostic capabilities
5. Drain valve automatically opens in event of power failure

1.03 DELIVERY, STORAGE AND 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 AND PROTECTION
   1. Machine should be stored in a site protected from weather, direct sunlight and 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 AND COMMISSIONING
A. Machine installation should be inspected by local manufacturer’s representative prior to startup and operation. The party installing the machine is responsible for setting the schedule for this inspection.

PART 2 PRODUCTS

2.01 MANUFACTURERS
A. Alliance Laundry Systems LLC - UniMac, obtain commercial laundry equipment from a single manufacturer

2.02 QUALIFIED MODELS
A. UniMac model **UCN020HN2** (no substitutions permitted)

PART 3 EXECUTION

2.02 INSTALLATION
A. Refer to and comply with manufacturer’s installation instructions. Do not deviate without permission from site owner, architect, general contractor and manufacturer’s local representative.
Machine Dimensions and Specifications
Models UCN020GN2, UCN020HN2, UCN020KN2, UNC020KNF and UNC020HNF

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</th>
<th>Breaker (Non-Fused)</th>
<th>AWG</th>
<th>mm²</th>
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<tbody>
<tr>
<td>B</td>
<td>120</td>
<td>60</td>
<td>1</td>
<td>2</td>
<td>16</td>
<td>20</td>
<td>12</td>
<td>4.0</td>
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<tr>
<td>X</td>
<td>200-240</td>
<td>60</td>
<td>1/3</td>
<td>2/3</td>
<td>6/4</td>
<td>15</td>
<td>14</td>
<td>2.5</td>
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<tr>
<td>O</td>
<td>208-240</td>
<td>60</td>
<td>3</td>
<td>3</td>
<td>5</td>
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<td>14</td>
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<tr>
<td>Y</td>
<td>208-240</td>
<td>60</td>
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<td>8</td>
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</tr>
<tr>
<td>F</td>
<td>440-480</td>
<td>60</td>
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<td>3</td>
<td>4</td>
<td>15</td>
<td>14</td>
<td>2.5</td>
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Water, Drain and Weight Specifications

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<thead>
<tr>
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<tbody>
<tr>
<td>Drain: Number (Size)</td>
<td>1 (2 in.)</td>
</tr>
<tr>
<td>Water Connections:</td>
<td>2 (0.75 in.)</td>
</tr>
<tr>
<td>Number (Size)</td>
<td></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) 0.5 in. (between machines)</td>
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</table>

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