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 (768.36 mm) inches 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 & control signals for 5 external supplies
      4. 2 independently controlled water levels
      5. Control system
         a. Programmable microprocessor; (manual, PDA or laptop PC)
         b. 30 programmable cycles
         c. 31 programmable water levels
         d. Real time clock to record events by date and time
         e. Cycle counter
         f. temperature controlled fill and thermal cool-down
g. Water monitoring: slow drain and auto leak detection system
h. Diagnostic capabilities

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 **UCN020KN2** (no substitutions permitted)

PART 3 EXECUTION
1.01 INSTALLATION
A. Refer to & comply with manufacturer’s installation instructions, document number F232135. 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>
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<tbody>
<tr>
<td>Code</td>
<td>Voltage</td>
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<tr>
<td>---------</td>
<td>---------</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>
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<tr>
<td>Y</td>
<td>208-240</td>
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<tr>
<td>F</td>
<td>440-480</td>
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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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Part No. 10-09-203
December 2009