SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 18 LB. (8.2 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: 208-240/60/1 or 3, 3 wire plus ground
      3. Dry weight capacity: 18 lb. (8.2 kg)
      4. Wash cylinder volume: 2.7 cu ft (76,456 cu cm) minimum
      5. Overall width: 26 inches (660 mm) nominal
      6. Overall height: 40-3/5 inches (1031 mm) nominal
      7. Overall depth: 30-11/16 inches (780 mm) nominal
      8. Number & size of water supply inlet valves: 3 at 1/2 inch (13 mm), with 3/4NH (19 mm) 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: Single motor 1 hp, capable of 1000 RPM maximum, using a rotation sensor to monitor performance
      13. Bearing lubrication: Shall use permanently lubricated bearings
      14. Door mechanism: Shall use a push button handle for ease of use

B. PERFORMANCE REQUIREMENTS:
   1. Number of selectable cylinder speeds: 7, including 1/2 speed for processing delicate items
   2. G-force at highest extract speed: 296 G's
   3. Chemical supply system
      a. manually filled 3 compartment dry chemical dispensing system
      b. automatic flushing & connections for 8 external liquid supply lines & control signals for 5 external supplies
   4. Programmable infinite water levels
   5. Control system
      a. programmable microprocessor
      b. 99 cycle capacity
      c. RS-232 PC link for programming
      d. capable of precise temperature controlled fills
e. thermal cooldown  
f. overnight soak  
g. cycle count  
h. time remaining display  
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 System LLC - UniMac, obtain commercial laundry equipment from a single manufacturer

1.02 QUALIFIED MODELS

A. UniMac model UX18PV (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

## Model UX18PV

### Dimensions and Foundation Requirements

#### Electrical Specifications

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<th>Code</th>
<th>Voltage</th>
<th>Cycle</th>
<th>Phase</th>
<th>Wire</th>
<th>Full Load Amps</th>
<th>(Non Fused) Brake</th>
<th>AWG</th>
<th>mm²</th>
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<td>3+PE</td>
<td>6</td>
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<td>50/60</td>
<td>1/3</td>
<td>2/3+PE</td>
<td>10</td>
<td>15</td>
<td>14</td>
<td>2.5</td>
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</tbody>
</table>

#### Water, Drain and Weight Specifications

- **Drain:** Number (Size) 1 (2 in.)
- **Fill Water Inlets:** Number (Size) 3 (0.75 in.)
- **Weight:** Machine (With Shipping Packaging) 465 lbs. (514 lbs.)
- **Side Clearance:** 6 in. (minimum) 18 in. (recommended)

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Part No. 10-09-222
November 2009