SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 100 LB. (45.4 KG) CAPACITY

PART 1 GENERAL

1.01 SECTION INCLUDES:
A. Freestanding 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: 100 lb. (45.4 kg)
4. Wash cylinder volume: 15.9 cu ft (450,240 cu cm) minimum
5. Overall width: 47-3/10 inches (1201 mm) nominal
6. Overall height: 75-3/5 inches (1920 mm) nominal
7. Overall depth: 52-2/5 inches (1331 mm) nominal
8. Number & size of water supply inlet valves: 4 at 3/4 inch (19 mm), with 3/4 inch (19 mm) NPT male connections
9. Number & size of drain outlets: 1 at 3 inch (76 mm)
10. Overflow: Internally plumbed
11. Control system: Programmable microprocessor
12. Cylinder drive: Single motor, 7.4 hp, capable of 800 RPM maximum, using a rotation sensor to monitor performance
13. Bearing lubrication: Shall include an automatic lubrication system
14. Door mechanism: Shall use a push bar for ease of use

B. PERFORMANCE REQUIREMENTS:
1. Number of selectable cylinder speeds: 7, including 1/2 wash speed for processing delicate items
2. G-force at highest extract speed: 350 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
Section 8 - UX Specs

6. Drain valve automatically opens in event of power failure

e. thermal cooldown
f. overnight soak
g. cycle count
h. time remaining display

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 **UX100PV** (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.
**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>N</td>
<td>440-480</td>
</tr>
<tr>
<td>P</td>
<td>380-415</td>
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<tr>
<td>Q</td>
<td>200-240</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 (3 in.)</td>
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<tr>
<td>Fill Water Inlets: Number (Size)</td>
<td>4 (0.75 in.)</td>
</tr>
<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>3351 lbs. (3741 lbs.)</td>
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<tr>
<td>Side Clearance</td>
<td>6 in. (minimum) 18 in. (recommended)</td>
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