SECTION 11110
LAUNDRY WASHER-EXTRACTOR, 60 LB. (27.3 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 and cover panels
2. Input voltage: O: 208-240/60/3; 3 wire plus ground
3. Dry weight capacity: 60 lb. (27.3 kg)
4. Wash cylinder volume: 9.3 cu ft (264 L) minimum
5. Overall width: 35.95 inches (913 mm) nominal
6. Overall height: 64.40 inches (1636 mm) nominal
7. Overall depth: 46.81 inches (1189 mm) nominal
8. Number and size of water connections: 2 with 3/4 inch (19 mm) NH male connections
9. Number and size of drain outlets: 1 at 3 inch (76 mm)
10. Overflow: Internally plumbed
11. Control system: Programmable microprocessor
12. Cylinder drive: Single motor, 3 hp, capable of 465 RPM

B. PERFORMANCE REQUIREMENTS:
1. G-force at highest extract speed: 98
2. Chemical supply system
   a. manually filled 5 compartment dry chemical dispensing system
   b. automatic flushing and connections for 5 external supply lines and control signals for 4 external supplies
3. Control system
   a. Programmable microprocessor; (manual, PDA or laptop PC)
   b. 30 programmable cycles
   c. 30 programmable water levels
   d. Cycle counter
   e. Temperature controlled fill and thermal cool down
   f. Water monitoring: slow drain and automatic leak detection system
   g. Diagnostic capabilities
4. 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, UniMac, obtain commercial laundry equipment from a single
      manufacturer

2.02 QUALIFIED MODELS
   A. UniMac model UWN060K12 (no substitutions)

PART 3 EXECUTION

3.01 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.
Dimensions and Foundation Requirements

**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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<td>O</td>
<td>208-240</td>
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</tbody>
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**Water, Drain and Weight Specifications**

<table>
<thead>
<tr>
<th>Drain: Number (Size)</th>
<th>1 (3 in.)</th>
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<tbody>
<tr>
<td>Water Connections: Number (Size)</td>
<td>2 (0.75 in.)</td>
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<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>1270 lbs. (1302 lbs.)</td>
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<tr>
<td>Side Clearance:</td>
<td>6 in. (minimum) 18 in. (recommended)</td>
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