SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 80 LB. (36.3 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 & cover panels
2. Input voltage: 208-240/60/3, 3 wire plus ground
3. Dry weight capacity: 80 lb. (36.3 kg)
4. Wash cylinder volume: 12.4 cu ft (351,129 cu cm) minimum
5. Overall width: 41-1/2 inches (1054 mm) nominal
6. Overall height: 68-1/2 inches (1816 mm) nominal
7. Overall depth: 51-1/2 inches (1384 mm) nominal
8. Number & size of water supply inlet valves: 2 at 3/4 inch (19 mm), with 3/4 inch (19 mm) NH 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, 7.5 hp, capable of 594 RPM maximum

B. PERFORMANCE REQUIREMENTS:
1. Number of programmable cycle speeds: 5
2. G-force at highest extract speed: 180 G's
3. Chemical supply system
   a. manually filled 5 compartment dry chemical dispensing system
   b. automatic flushing & connections for 5 external supply lines & control signals for 5 external supplies
4. Control system
   a. Programmable microprocessor: machine keypad, Windows PDA/laptop
   b. 30 cycle capacity
   c. 30 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 capability
   g. Water monitoring: slow drain and automatic leak detection system
   h. Diagnostic capabilities
5. Drain valves automatically open 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 UWN080K1M (no substitutions)

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
Models UWN080K1MQ and UWN080K1MR

Dimensions and Foundation Requirements

Electrical Specifications

<table>
<thead>
<tr>
<th>Voltage Designation</th>
<th>Non-Electric Heat Machines (Standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>Voltage</td>
</tr>
<tr>
<td>Q</td>
<td>200-240</td>
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<tr>
<td>R</td>
<td>308-480</td>
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</tbody>
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Water, Drain and Weight Specifications

- Drain: Number (Size) | 2 (3 in.)
- Fill Water Inlets: Number (Size) | 2 (0.75 in.)
- Weight: Machine (With Shipping Packaging) | 1730 lbs. (1795 lbs.)
- Side Clearance: | 6 in. (minimum)

Part No. 10-09-215
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