SECTION 11110
LAUNDRY WASHER-EXTRACTOR, 125 LB. (56.7 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: 125 lb. (56.7 kg)
4. Wash cylinder volume: 19.24 cu ft (543684 cu cm) minimum
5. Overall width: 48 inches (1219 mm) nominal
6. Overall height: 72 inches (1829 mm) nominal
7. Overall depth: 58 inches (1473 mm) nominal
8. Number & size of water supply inlet valves: 2 at 1 inch (25 mm) (1 inch [25 mm] NPTM connectors)
   2 at 3/4 inch (19 mm) (3/4 inch [19 mm] NHM connectors)
9. Number & size of drain outlets: 2 at 3 inch (76 mm)
10. Overflow: Internally plumbed
11. Control system: Programmable microprocessor
12. Cylinder drive: Single motor, 10 hp, capable of 580 RPM maximum

B. PERFORMANCE REQUIREMENTS:
1. Number of selectable cylinder speeds: 8, including 1/2 wash speed for processing delicate items
2. G-force at highest extract speed: 200 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 8 external supplies
4. Configured for possible future addition of water reuse system
5. Through the door jet-spray rinse system
6. Control system
   a. Programmable microprocessor; (manual keypad, Windows PDA or P);
   b. 41 cycle capability with graphic display of words or icons
   c. PC software interface with laundry management reports, network capability
   d. Real-time clock allows time/date stamp of 100+ items; maintenance reminders
   e. 30 programmable water levels
   f. Temperature controlled fill and thermal cool-down capable
g. Water monitoring: slow drain and auto leak detection system  

h. Diagnostic capabilities  

7. 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 **UWN125T3V** (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 UWN125T3VQ and UWN125T3VR

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>
</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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drain: Number (Size)</td>
<td>2 (3 in.)</td>
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<tr>
<td>Fill Water Inlets: Number (Size)</td>
<td>4 (Fill: 1 in. Spray: 0.5 in.)</td>
</tr>
<tr>
<td>Weight: Machine (With Shipping Packaging)</td>
<td>2420 lbs. (2525 lbs.)</td>
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<tr>
<td>Side Clearance:</td>
<td>6 in. (minimum) 18 in. (recommended)</td>
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