SECTION 11110

FLATWORK IRONER 8" DIAMETER HEATED ROLL / 55" FINISHING LENGTH

PART 1 GENERAL

1.01 SECTION INCLUDES:
A. Flatwork ironer for processing linen items

1.02 SYSTEM DESCRIPTION
A. DESIGN REQUIREMENTS:
1. Construction: Painted Steel Cabinet. Includes Return Trough and Napkin Tray
2. Input Voltage: 208-240/60/3
3. Heat Source: Electric, 10.5 kW
4. Roll Diameter: 8 inches (200 mm) minimum
5. Finishing Width: 55 inches (1400 mm) minimum
6. Overall Width: 74 inches (1878 mm) nominal
7. Overall Depth: 17 inches (444 mm) nominal
8. Overall Height: 53 inches (1335 mm) nominal
9. Exhaust Number and Size: 1 Exhaust @ 3 1/4 inches (83 mm)
10. Control System: Microprocessor Control
11. Type of Ironer: Heated Roll (Polished Steel Cylinder)
13. Return Ribbons: NOMEX® Construction With Covered Staple Seams
14. Safety Features
   a. Finger guard to prevent injury in case of operator error
   b. Emergency stop button

B. PERFORMANCE REQUIREMENTS:
1. Airflow: 175 CFM (5.25 CMM)
2. Roll Motor Horsepower: 1/3 hp (.25 kW)
3. Exhaust Motor Horsepower: 1/9 hp (.09 kW)
4. Control System
   a. Variable speed inverter drive system
   b. Variable temperature settings from 130 - 356°F (54 - 180°C)
   c. Safety overheat protection
   d. Automatic cool down
5. Permanently Lubricated Bearings
6. No Wax Heated Roll
8. Roll Scrapers to Prevent Linen From Wrapping Around the Heated Roll
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 WARRANTY
   A. Warranty Period: Limited one year, parts only, commencing on Date of Substantial completion

1.05 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 UD08F055E (no substitutions permitted)

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.
UD08F055 Specifications

**ELECTRICAL REQUIREMENTS**

<table>
<thead>
<tr>
<th>Heat Source</th>
<th>Serial Plate Voltage</th>
<th>Full Load Amps</th>
<th>Breaker Rating</th>
<th>Recommended Number &amp; Wire Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical</td>
<td>208-240/60/3</td>
<td>37</td>
<td>50</td>
<td>4 x 10 AWG</td>
</tr>
<tr>
<td>Electrical</td>
<td>230/50/3</td>
<td>37</td>
<td>50</td>
<td>4 x 10 AWG</td>
</tr>
<tr>
<td>Electrical</td>
<td>400/50/3</td>
<td>24</td>
<td>30</td>
<td>5 x 14 AWG</td>
</tr>
<tr>
<td>Electrical</td>
<td>440-480/60/3</td>
<td></td>
<td></td>
<td>Install a 208-240/60/3 model and use a remote transformer</td>
</tr>
</tbody>
</table>

**DIMENSION TABLE**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>74 in. (1830 mm)</td>
<td>17 in. (432 mm)</td>
<td>53 in. (1346 mm)</td>
<td>2-3/4 in. (70 mm)</td>
<td>5 in. (127 mm)</td>
<td>45-1/2 in. (1156 mm)</td>
<td>39-1/2 in. (1003 mm)</td>
<td>25 in. (635 mm)</td>
<td>3-1/4 in. (83 mm)</td>
<td>40-1/4 in. (1022 mm)</td>
</tr>
</tbody>
</table>