SECTION 11110

FLATWORK IRONER 13" DIAMETER HEATED ROLL / 126" 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: Fully Enclosed, Painted Steel Cabinet. Includes Front Return
         Trough and Linen Feed Tray
      2. Input Voltage: 120/60/1
      3. Heat Source: Natural Gas, 3/4 inch (19 mm) NPT
      4. Roll Diameter: 13 inches (325 mm) minimum
      5. Finishing Width: 126 inches (3200 mm) minimum
      6. Overall Width: 154 inches (3910 mm) nominal
      7. Overall Depth: 34 inches (860 mm) nominal
      8. Overall Height: 44 inches (1113 mm) nominal
      9. Exhaust Number and Size: 2 Exhausts @ 4 inches (98 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. BTU Input: 136,000 BTU
      2. Roll Motor Horsepower: 1/3 hp (.33 kW)
      3. Exhaust Motor Horsepower: 1/6 hp (.12 kW)
      4. Control System
          a. Variable speed inverter drive system
          b. Variable temperature settings from 176 - 356°F (80 - 180°C)
          c. Safety overheat protection
          d. Automatic cool down
      5. Manual Advance for Linen Removal in Event of a Power Failure
      6. 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 UD13F126G (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.
UD13F126 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>Gas</td>
<td>120/60/1</td>
<td>7.5</td>
<td>15</td>
<td>3 x 14 AWG</td>
</tr>
<tr>
<td>Gas</td>
<td>208-240/60/1</td>
<td>4.8</td>
<td>15</td>
<td>3 x 14 AWG</td>
</tr>
<tr>
<td>Gas</td>
<td>230/50/3</td>
<td>4.8</td>
<td>10</td>
<td>3 x 14 AWG</td>
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<tr>
<td>Gas</td>
<td>400/50/3</td>
<td>4.2</td>
<td>10</td>
<td>5 x 14 AWG</td>
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<tr>
<td>Gas</td>
<td>440-480/60/3</td>
<td></td>
<td></td>
<td>Install a 208-240/60/1 model and use a remote transformer</td>
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</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>
</tr>
</thead>
<tbody>
<tr>
<td>154 in. (3910 mm)</td>
<td>34 in. (860 mm)</td>
<td>44 in. (1117 mm)</td>
<td>3/4 in. (19 mm)</td>
<td>2-3/4 in. (70 mm)</td>
<td>5-1/4 in. (133 mm)</td>
<td>4 in. (102 mm)</td>
<td>2-1/4 in. (57 mm)</td>
<td>2-1/4 in. (57 mm)</td>
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<tr>
<td>J</td>
<td>K</td>
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<td>39 in. (991 mm)</td>
<td>22 in. (559 mm)</td>
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