SECTION 11110
FLATWORK IRONER 20" 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, 1 inch (22 mm) NPT
      4. Roll Diameter: 20 inches (500 mm) minimum
      5. Finishing Width: 126 inches (3200 mm) minimum
      6. Overall Width: 168 inches (4274 mm) nominal
      7. Overall Depth: 42 inches (1070 mm) nominal
      8. Overall Height: 46 inches (1170 mm) nominal
      9. Exhaust Number and Size: 2 Exhausts @ 6 inches (153 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: 236,000 BTU
        2. Roll Motor Horsepower: 1/2 hp (.37 kW)
        3. Exhaust Motor Horsepower: 1/3 hp (.25 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 **UD20F126G** (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.
### UD20F126 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>5.1</td>
<td>15</td>
<td>3 x 14 AWG</td>
</tr>
<tr>
<td>Gas</td>
<td>208-240/60/1</td>
<td>5.1</td>
<td>15</td>
<td>3 x 14 AWG</td>
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<tr>
<td>Gas</td>
<td>230/50/3</td>
<td>5.1</td>
<td>10</td>
<td>4 x 14 AWG</td>
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<tr>
<td>Gas</td>
<td>400/50/3</td>
<td>4.3</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>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>168 in.</td>
<td>42 in.</td>
<td>46 in.</td>
<td>9-1/4 in.</td>
<td>5 in.</td>
<td>1 in.</td>
<td>9-3/4 in.</td>
<td>5 in.</td>
<td>6 in.</td>
<td>6-1/2 in.</td>
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<tr>
<td>(4274 mm)</td>
<td>(1070 mm)</td>
<td>(1170 mm)</td>
<td>(235 mm)</td>
<td>(127 mm)</td>
<td>(22 mm)</td>
<td>(248 mm)</td>
<td>(127 mm)</td>
<td>(152 mm)</td>
<td>(165 mm)</td>
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<tr>
<td>5-1/2 in.</td>
<td>37 in.</td>
<td>20 in.</td>
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<tr>
<td>(140 mm)</td>
<td>(940 mm)</td>
<td>(508 mm)</td>
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</table>
MODEL DIMENSIONS