SECTION 11110

FLATWORK IRONER 13" DIAMETER HEATED ROLL / 78" 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 With Removable Front and Rear Painted Steel Panels. Includes Return Trough and Removable Napkin Tray
   2. Input Voltage: 120/60/1
   3. Heat Source: Natural Gas, 3/4 inch (19 mm) NPT
   4. Roll Diameter: 13 inches (330 mm) minimum
   5. Finishing Width: 78 inches (2000 mm) minimum
   6. Overall Width: 100 inches (2542 mm) nominal
   7. Overall Depth: 26 inches (660 mm) nominal
   8. Overall Height: 44 inches (1112 mm) nominal
   9. Exhaust Number and Size: 2 Exhausts @ 4 inches (102 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: 102,400 BTU
   2. Roll Motor Horsepower: 1/3 hp (.25 kW)
   3. Exhaust Motor Horsepower: 1/7 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. 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 UD13F078G (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.
# UD13F078 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>
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<tbody>
<tr>
<td>Gas</td>
<td>120/60/1</td>
<td>4.8</td>
<td>15</td>
<td>3 x 14 AWG</td>
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<tr>
<td>Gas</td>
<td>208-240/60/1</td>
<td>4.8</td>
<td>15</td>
<td>3 x 14 AWG</td>
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<td>10</td>
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<td>4.2</td>
<td>10</td>
<td>5 x 14 AWG</td>
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<td>Gas</td>
<td>440-480/60/3</td>
<td>Install a 208-240/60/1 model and use a remote transformer</td>
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## DIMENSION TABLE

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<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<tr>
<td></td>
<td>100 in.</td>
<td>26 in.</td>
<td>44 in.</td>
<td>3/4 in.</td>
<td>2-3/4 in.</td>
<td>5-1/4 in.</td>
<td>4 in.</td>
<td>2-1/4 in.</td>
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<td></td>
<td>(2540 mm)</td>
<td>(660 mm)</td>
<td>(1117 mm)</td>
<td>(19 mm)</td>
<td>(70 mm)</td>
<td>(133 mm)</td>
<td>(102 mm)</td>
<td>(57 mm)</td>
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<td>I</td>
<td>J</td>
<td>K</td>
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<tr>
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<td>2-1/4 in.</td>
<td>39 in.</td>
<td>22 in.</td>
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<td>(57 mm)</td>
<td>(991 mm)</td>
<td>(559 mm)</td>
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