**Job Name/Location:**

**Tag #:**

---

**Performance (Main Coil):**

<table>
<thead>
<tr>
<th>Total Cooling Capacity (Btu/h)</th>
<th>Heating Capacity (Btu/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>143,100</td>
<td>59,900</td>
</tr>
</tbody>
</table>

**Cooling Nominal Test Conditions:**
- Outdoor: 95°F DB/75°F WB
- Leaving Air: 54°F DB/53°F WB

**Heating Nominal Test Conditions:**
- Outdoor: 44°F DB/30°F WB
- Leaving Air: 54°F DB/53°F WB

**Electrical:**

<table>
<thead>
<tr>
<th>Power Supply (V/Hz/Ø)</th>
<th>MCA (A)</th>
<th>MOP (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230/60/3</td>
<td>96</td>
<td>100</td>
</tr>
</tbody>
</table>

**Piping:**

<table>
<thead>
<tr>
<th>Refrigerant (Main Coil):</th>
<th>Refrigerant (Reheat Coil):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Line (in, OD)</td>
<td>1/2</td>
</tr>
<tr>
<td>Vapor Line (in, OD)</td>
<td>1-1/8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Condensate:</th>
<th>Condensate Line (in, NPT)</th>
<th>Factory Installed Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>No</td>
</tr>
</tbody>
</table>

**Condensate:**

**Electric Preheat Coil:**

<table>
<thead>
<tr>
<th>Heat Capacity at 208V (KW)</th>
<th>Heating Stages</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.3</td>
<td>Modulating (SCR)</td>
</tr>
</tbody>
</table>

**Test Conditions:**
- Outdoor Air Temperature: 2.5°F DB/1.5°F WB
- Leaving Air Temperature: 44°F DB/30°F WB

**Reheat Coil:**

<table>
<thead>
<tr>
<th>Heat Capacity (Btu/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45,900</td>
</tr>
</tbody>
</table>

**Test Conditions:**
- Entering Air Temperature: 54°F DB/53°F WB
- Reheat Leaving Air Temperature: 75°F DB

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**Operating Range:**

- Outdoor Temperature (°F DB): 2.5-104°F
- Outdoor Temperature (°F WB): 1.5-78°F

**Unit Data:**

- Refrigerant Type: R410A
- Refrigerant Control: EEV
- Sound Power dB(A): 84
- Filter Type: 2” thick, MERV 8
- Filter Quantity: 3
- Filter Panel Size: 16” x 20”
- Net Unit Weight (lbs): 725
- Shipping Weight (lbs): 825

**Fan:**

- Type: Backward Curved Plenum
- Quantity: 1
- Motor/Drive: ECM Direct
- Airflow Rate (CFM): 2000
- External Static Pressure (in wg): 1.65

**Standard Features:**

- Double Wall Construction
- R-6.25 insulation
- Stainless steel drain pan
- Hinged access doors with removable hinge pins
- Factory installed AHU controller that can be directly connected to a PC, or connected to TCP/IP network for web access.
- Direct integration into LonWorks®, BACnet®, building automation systems
- Can be connected to AC Smart IV (PACS4B000)

**Notes:**

1. Connection Rules:
   - Combination ratio should be 50%-100%
2. All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
3. Power wiring cable size must comply with the applicable local and national code.
4. This data is rated 0 ft above sea level, with 25 ft of refrigerant line per indoor unit and a 0 ft level difference between outdoor and indoor units.
5. Must follow installation instructions in the applicable LG installation manual.
ARND20BDAT2
Dedicated Outdoor Air System
2,000 CFM Indoor Unit

For continual product development, LG reserves the right to change specifications without notice.
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