**PERFORMANCE DATA**

No Load & No Door Openings at Midpoint Control Setting

- Type A With Run/Start Capacitor: 65°F (18°C) Ambient
- Operating Time: 25 to 50%
- Freezer Temperature: 2°F to 8°F (7°C to -13°C)
- Refrigerator Temperature: 35°F to 40°F (2°C to 4°C)
- Low Side Pressure (cut-in): 8 to 16 psig (55 to 110 kPa)
- Low Side Pressure (cut-out): 1 to 4 psig (7 to 28 kPa)
- High Side Pressure (fast 1.0 cycle): 110 to 120 psig (752 to 827 kPa)
- Wattage (fast 1.0 cycle): 140 to 150
- Amps (running): 1.1 to 1.6
- Base Voltage: 115 vac (127 vac max)
- Refrigerator Charge: 4.25 oz. (121 g)

**ICE MAKER SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Cabinet Size: 18'/20'</th>
<th>Ice Maker Reward Plug Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>110°F (43.3°C)</td>
<td>Green, Yellow</td>
</tr>
<tr>
<td>135°F (57.2°C)</td>
<td>Black</td>
</tr>
<tr>
<td>47°F (9°C)</td>
<td>Light Blue</td>
</tr>
</tbody>
</table>

**ICE MAKER INFORMATION**

**Test Cycling:** Remove cover by inserting screwdriver in notch at bottom and prying cover from housing. Use screwdriver to rotate motor gear counterclockwise until holding switch circuit is completed. All components of ice maker should function to complete the cycle.

**Water Fill Volume:** The water fill adjustment screw will change the fill time. One full turn is equal to 20cc (.68 oz.). The correct fill is 102 to 130cc (3.4 to 4.3 oz.). When a water valve is replaced, the fill volume must be checked.

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**SERVICE DATA SHEET**

**STANDARD - AUTOMATIC DEFROST**

**TOP MOUNT FREEZER - R134a**

**IMPORTANT SAFETY NOTE**

The information provided herein is designed to assist qualified repair personnel only. Untrained persons should not attempt to make repairs due to the possibility of electrical shock. Disconnect power cord before servicing this appliance.

**IMPORTANT**

If any green grounding wires are removed during servicing, they must be returned to their original position and properly secured.

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**SERVICE MODE**

**SERVICE MODE** will step through available tests to diagnose individual electrical circuits. Fresh food compartment light will be OFF while in SERVICE MODE.

**Temperature/Resistance Chart**

For Fresh Food Thermostat and Defrost Thermostat

<table>
<thead>
<tr>
<th>°F</th>
<th>kOhms</th>
<th>°F</th>
<th>kOhms</th>
<th>°F</th>
<th>kOhms</th>
<th>°F</th>
<th>kOhms</th>
</tr>
</thead>
<tbody>
<tr>
<td>-10</td>
<td>83.88</td>
<td>-9</td>
<td>51.96</td>
<td>-8</td>
<td>44.84</td>
<td>-7</td>
<td>37.72</td>
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<tr>
<td>-6</td>
<td>7.17</td>
<td>-5</td>
<td>51.74</td>
<td>-4</td>
<td>44.62</td>
<td>-3</td>
<td>37.50</td>
</tr>
<tr>
<td>-2</td>
<td>7.10</td>
<td>-1</td>
<td>51.62</td>
<td>0</td>
<td>44.50</td>
<td>1</td>
<td>37.38</td>
</tr>
<tr>
<td>1</td>
<td>6.98</td>
<td>2</td>
<td>51.50</td>
<td>3</td>
<td>44.38</td>
<td>4</td>
<td>37.26</td>
</tr>
<tr>
<td>5</td>
<td>6.86</td>
<td>6</td>
<td>51.38</td>
<td>8</td>
<td>44.26</td>
<td>10</td>
<td>37.14</td>
</tr>
<tr>
<td>10</td>
<td>6.74</td>
<td>12</td>
<td>51.26</td>
<td>14</td>
<td>44.14</td>
<td>16</td>
<td>37.02</td>
</tr>
<tr>
<td>18</td>
<td>6.62</td>
<td>22</td>
<td>51.14</td>
<td>28</td>
<td>44.02</td>
<td>32</td>
<td>36.81</td>
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<tr>
<td>30</td>
<td>6.50</td>
<td>42</td>
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<td>52</td>
<td>43.90</td>
<td>64</td>
<td>36.69</td>
</tr>
<tr>
<td>40</td>
<td>6.38</td>
<td>80</td>
<td>50.90</td>
<td>100</td>
<td>43.78</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DOOR AJAR ALARM**

Condition: Fresh Food Door is left open for more than 5 minutes and alarm sounds.

Duration:Alarm will sound for 2 minutes, then stop. If the “Door Ajar” condition remains, the alarm will repeat every 30 minutes for two intervals.

Fresh Food Light: If after 15 minutes of “Door Ajar” condition, the Fresh Food light will turn off.

Reset: Close the Fresh Food door or press the Fresh Food door switch.

**MANUAL DEFROST**

Unit will complete normal defrost cycle.

**Manual Defrost**

Enter Manual Defrost. POR

Press Door Switch 5 Times to Enter Manual Defrost. POR

Enter Service Mode to Exit Manual Defrost.

**SERVICE MODE**

Press Door Switch 2 Times

Enter Service Mode from any Test

Press Door Switch 2 Times

Press Door Switch 2 Times

Press Door Switch 2 Times

Press Door Switch 2 Times

Press Door Switch 2 Times