SERVICE DATA SHEET

ICE & WATER - AUTOMATIC DEFROST SIDE BY SIDE - R134a

PREFORMANCE DATA NO LOAD & NO DOOR OPENINGS AT 0°F FREEZER & 37°F FRESH FOOD (2500 +/ - 50)

Type A with Run/Stop Capacitor

<table>
<thead>
<tr>
<th>Operating Time</th>
<th>74 to 84</th>
<th>52 to 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temp</td>
<td>55°F (13°C) Ambient</td>
<td>55°F (13°C) Ambient</td>
</tr>
<tr>
<td>Operating Temp</td>
<td>2°F to 2°F</td>
<td>1°F to 4°C</td>
</tr>
<tr>
<td>Refrigerator Temperature</td>
<td>34°F to 39°F</td>
<td>34°F to 39°F</td>
</tr>
<tr>
<td>Refrigerator Temperature</td>
<td>1°F to 4°C</td>
<td>1°F to 4°C</td>
</tr>
<tr>
<td>Low Side Pressure (cut-in)</td>
<td>5 to 12 psig</td>
<td>N/A</td>
</tr>
<tr>
<td>High Side Pressure (last 1/4)</td>
<td>90 to 105 psig</td>
<td>120 to 135 psig</td>
</tr>
<tr>
<td>Voltage (last 1/4)</td>
<td>50 to 60</td>
<td>90 to 130</td>
</tr>
<tr>
<td>Amps (running)</td>
<td>0.3 to 0.5</td>
<td>0.7 to 1.1</td>
</tr>
<tr>
<td>Base Voltage</td>
<td>115 vac (127 vac max)</td>
<td>120 vac (127 vac max)</td>
</tr>
</tbody>
</table>

DEFROST SPECIFICATIONS

<table>
<thead>
<tr>
<th>Cabinet Size</th>
<th>123&quot; CD, 26&quot; SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal Cut-Out</td>
<td>110°F (43.3°C)</td>
</tr>
<tr>
<td>Heater Watts</td>
<td>30</td>
</tr>
<tr>
<td>Condenser Fan RPM</td>
<td>621 to 793 kPa</td>
</tr>
<tr>
<td>Condenser Fan Amps</td>
<td>65°F (18°C) Ambient</td>
</tr>
<tr>
<td>Defrost Thermostat Termination</td>
<td>120°F (48°C)</td>
</tr>
<tr>
<td>Defrost Thermostat</td>
<td>1°F to 4°F</td>
</tr>
<tr>
<td>Defrost Thermostat</td>
<td>-14 to 14 kPa</td>
</tr>
<tr>
<td>Defrost Thermostat</td>
<td>-14 to 14 kPa</td>
</tr>
<tr>
<td>Defrost Thermostat</td>
<td>0° to 4° C</td>
</tr>
<tr>
<td>Defrost Thermostat</td>
<td>34° to 39° F</td>
</tr>
</tbody>
</table>

ICE MAKER DIAGNOSTIC MODE

Activate: Press F2 and FF + temperature pads for up to 10 sec, simultaneously. Press F2 or + to move forward or backward through tests.

Deactivate: Press FF+ for up to 10 sec. IM Diagnostic Mode will automatically deactivate after 5 min. of inactivity. NOTE: Silence alarm.

Test To activate test | Passing test
--- | ---
53C Ice Maker Thermistor | Activates automatically
55C Water Valve | Press Power On-Off
58C Ice Level Sensor | Activates automatically
63C Twist Tray | Press Power On-Off

CAUTION

All electrical parts and wiring must be shielded from torch flame. DO NOT allow torch to touch insulation; it will char at 2090°F and flash ignite (burn) at 500°F. Excessive heat will distort the plastic liner.

ERROR CODES

<table>
<thead>
<tr>
<th>FZ FF</th>
<th>Interpretation</th>
<th>Display/Screen</th>
<th>Activate/Deactivate</th>
</tr>
</thead>
<tbody>
<tr>
<td>FF FF</td>
<td>Manual Defrost</td>
<td>Display/Screen</td>
<td>No FF or FZ display, all LED's on.</td>
</tr>
<tr>
<td>OP FF</td>
<td>Open FF thermometer</td>
<td>Display/Screen</td>
<td>FF and /set</td>
</tr>
<tr>
<td>CF FF</td>
<td>FF FF thermometer</td>
<td>Display/Screen</td>
<td>FF and /set</td>
</tr>
<tr>
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<td>FF and /set</td>
</tr>
</tbody>
</table>

IMPORTANT SAFETY NOTE

The information provided herein is designed to assist qualified repair personnel only. Unauthorized personnel 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.

VCC Resistance Check

Check resistance between terminals 1 and 2, 2 and 3, 3 and 1. If all resistances are equal, compressor is operative.

DIAGNOSTIC MODE

Activate: Press "on" and "v" temperature pads for up to 10 sec, simultaneously. Press + to advance through test. Deactivate: Press + for up to 10 sec. Diagnostic Mode will automatically deactivate after 5 min. of inactivity. Note: Silence alarm.

Test To output test: Pass all
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