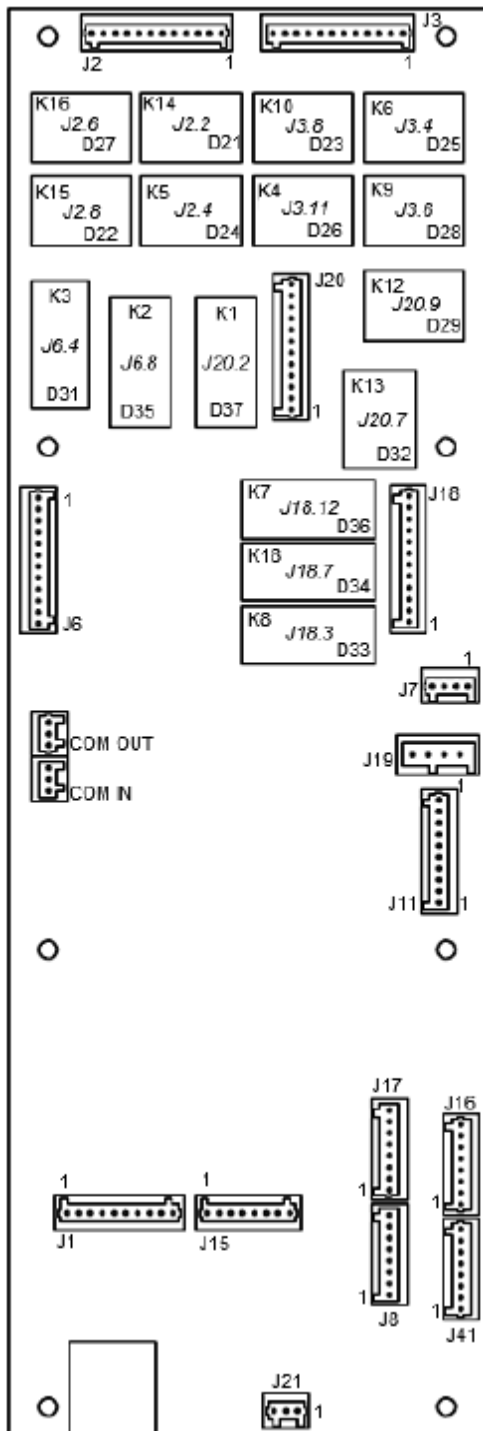


Key	Diagnostic Output Components	Test Points to Relay Board		Voltage AC + DC
		Black lead	Red Lead	
Temp	<b>Heat On</b> (Fan High Fwd, Hot Air, Hot Air Enable, Hot Air Contactor) <b>Hot Air</b>	Terminal Block 4-Pin #4	Connector J6-Pin #4-RD Wire	24VDC
Temp	<b>Heat On</b> (Fan High Fwd, Hot Air, Hot Air Enable, Hot Air Contactor) <b>Hot Air Enable</b>	Terminal Block 4-Pin #4	Connector J6-Pin #8-BL Wire	24VDC
Temp	<b>Heat On</b> (Fan High Fwd, Hot Air, Hot Air Enable, Hot Air Contactor) <b>Hot Air Contactor</b>	Terminal Block 4-Pin #4	Connector J20-Pin #2-OR Wire	24VDC
7	<b>Light</b>	Terminal Block 4-Pin #4	Connector J3-Pin #4-RD Wire	24VDC
Light	<b>Spritzer</b>	Terminal Block 4-Pin #4	Connector J18-Pin #3-VI Wire	24VDC
Esc	<b>Cooling Fan</b>	Terminal Block 4-Pin #4	Connector J3-Pin #11-GY Wire	24VDC
2	<b>Vent</b>	Terminal Block 4-Pin #4	Connector J2-Pin #4-GY Wire	24VDC
5	<b>Hot Air</b>	Terminal Block 4-Pin #4	Connector J6-Pin #4-RD Wire	24VDC
8	<b>Hot Air Enable</b>	Terminal Block 4-Pin #4	Connector J6-Pin #8-BL Wire	24VDC
Time	<b>Cook Done</b>	Terminal Block 4-Pin #4	Connector J2-Pin #2-No Wire	24VDC
0	<b>Quench</b>	Terminal Block 4-Pin #4	Connector J2-Pin #6-BL Wire	24VDC
Hydro	<b>Fan Speed Gentle Forward (20 Hz)</b>	J2 9-12 See Chart Below	Terminal Block 4-Pin #4	24VDC
Fan	<b>Fan Speed Low Forward (30 Hz)</b>	J2 9-12 See Chart Below	Terminal Block 4-Pin #4	24VDC
Prog	<b>Fan Speed High Forward (40 Hz)</b>	J2 9-12 See Chart Below	Terminal Block 4-Pin #4	24VDC
1	<b>Fan Speed Turbo Forward (50 Hz)</b>	J2 9-12 See Chart Below	Terminal Block 4-Pin #4	24VDC
4	<b>Fan Speed High Reverse (-40 Hz)</b>	J2 9-12 See Chart Below	Terminal Block 4-Pin #4	24VDC

<b>Fan Output Components</b>	<b>J2.9 (Bit 0)</b>	<b>J2.10 (Bit 1)</b>	<b>J2.11 (FWD)</b>	<b>J2.12 (REV)</b>
<b>Gentle Forward Outputs (20 Hz)</b>	0v	0v	23Vdc Rtn	0v
<b>Low Forward Outputs (30 Hz)</b>	23Vdc Rtn	0v	23Vdc Rtn	0v
<b>High Forward Outputs (40 Hz)</b>	0v	23Vdc Rtn	23Vdc Rtn	0v
<b>Turbo Forward Outputs (50 Hz)</b>	23Vdc Rtn	23Vdc Rtn	23Vdc Rtn	0v
<b>Gentle Reverse Outputs (-20Hz)</b>	0v	0v	0v	23Vdc Rtn
<b>Low Reverse Outputs (-30Hz)</b>	23Vdc Rtn	0v	0v	23Vdc Rtn
<b>High Reverse Outputs (-40Hz)</b>	0v	23Vdc Rtn	0v	23Vdc Rtn
<b>Turbo Reverse Outputs (-50Hz)</b>	23Vdc Rtn	23Vdc Rtn	0v	23Vdc Rtn

Key	Diagnostic Input Components	Test Points to Relay Board		AC/DC Ohms
		Black lead	Red Lead	
Temp	Fan Error	Terminal Block 4-Pin #1	Connector J11-Pin #4-GY Wire	-24VDC
Hydro	Door	Terminal Block 4-Pin #4	Connector J11-Pin #2-Y Wire	24VDC
Fan	Cavity Probe Temp	Connector J41-Pin #1	Connector J41-Pin #2	Ohms
Prog	Cooling Fan Probe Temp	Connector J41-Pin #3	Connector J41-Pin #4	Ohms
1	Quench Probe Temp	Connector J41-Pin #5	Connector J41-Pin #6	Ohms
4	Core Probe Temp	Connector J8-Pin #1	Connector J8-Pin #2	Ohms
<b>Board Power Supply Test Points</b>				
	Relay Board Power Supply	Connector J19-Pin #1	Connector J19-Pin #3	24VAC
	Control Board Power Supply	Connector J38-Pin #1	Connector J38-Pin #3	24VAC



**Probe Ohms Chart**

°F	Ohms
75	1090
86	1115
125	1195
140	1232
175	1310
200	1360
212	1386
250	1460
300	1575
356	1685
392	1758
450	1868
500	1978