

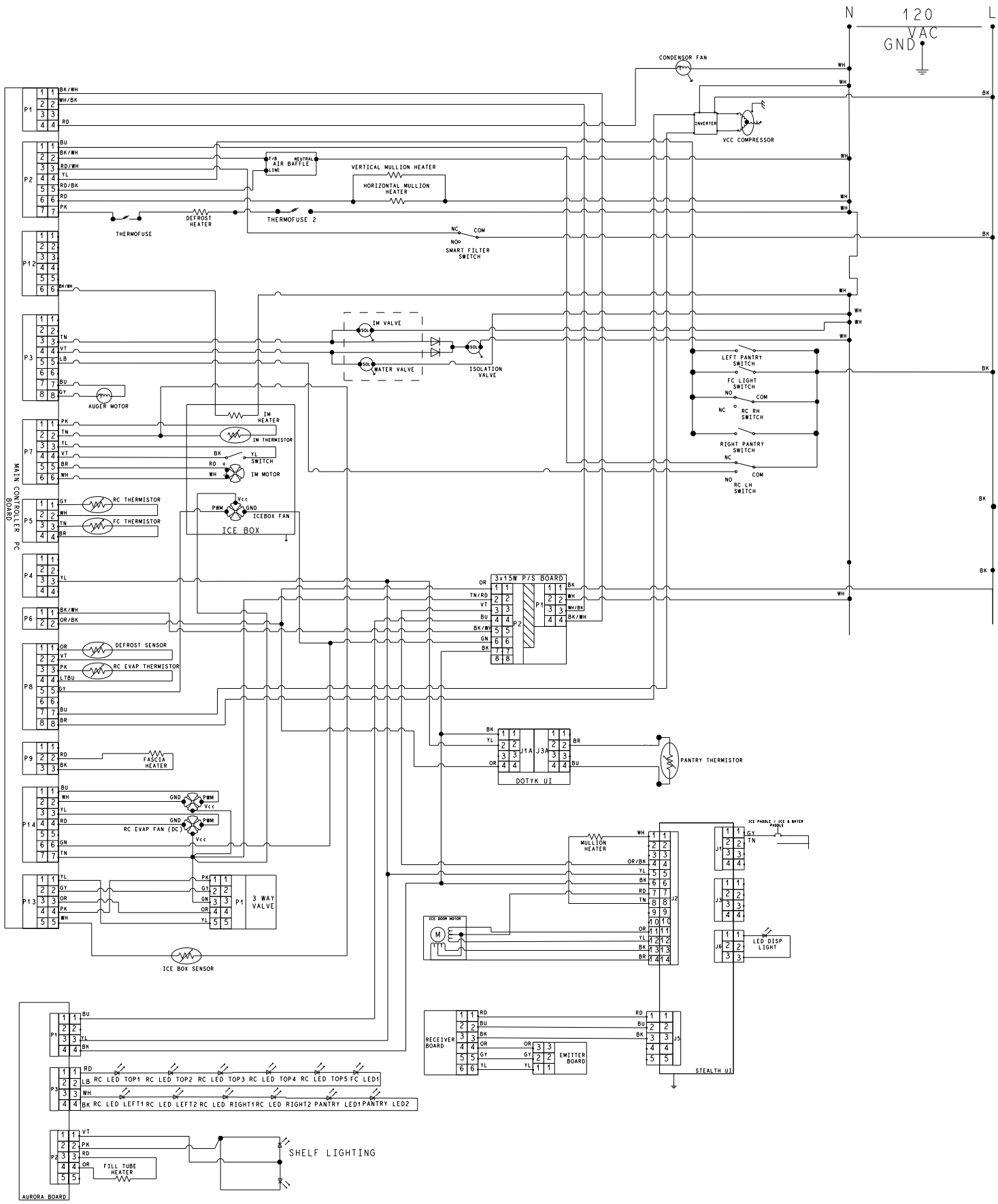
DO NOT REMOVE OR DESTROY

FOR SERVICE TECHNICIAN'S USE ONLY

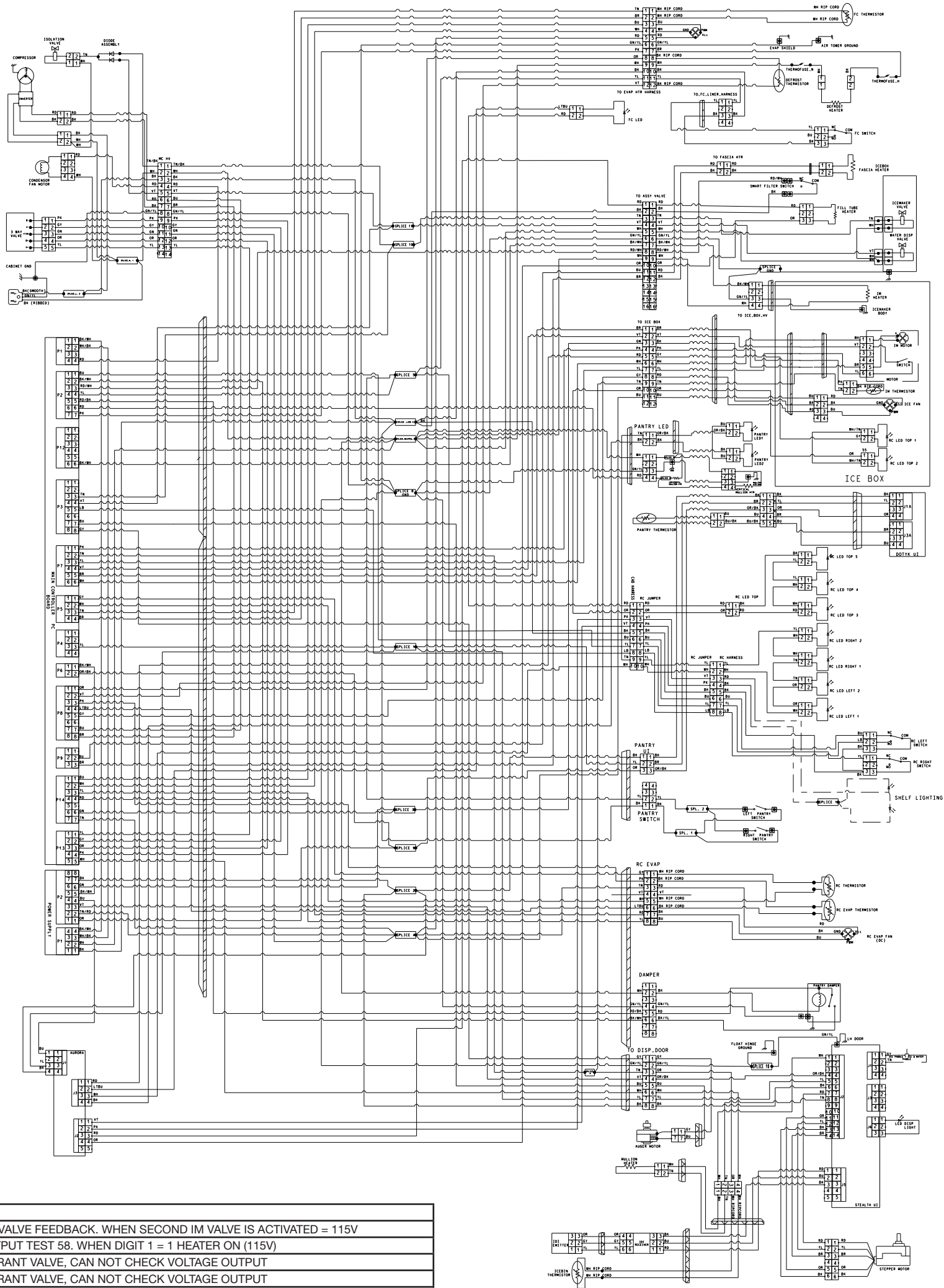
Schematic

W11501234B
Assembly: W11509416B

DWG. No.: W11495228 Rev. A



Wiring Diagram



COMPONENT	FROM	TO	VOLTAGE	CONDITIONS
POWER SUPPLY	P1	P1-1	115 VAC	CONSTANT 115 VAC
		P1-3		CONSTANT 115 VAC
	P2	P2-1	CONSTANT 12.7 VDC	CONSTANT 12.7 VDC
		P2-2		CONSTANT 12.7 VDC
		P2-3		CONSTANT 12.7 VDC
		P2-4		CONSTANT 12.7 VDC
	P2	P1-2	115 VAC	CONDENSER FAN. SERVICE TEST 4. 115VAC IF CONDENSER FAN ON
		P2-1		RC DOOR OPEN 115V. DOORS CLOSED = 0V
		P2-2	115 VAC	AIR BAFFLE FEEDBACK. ACTIVATE SERVICE TEST 3, STEP 3
		P2-3		DOORS CLOSED 0WATER FILTER REMOVED 115V. FILTER INSTALLED 0V
		P2-4		FC DOOR OR LEFT PANTRY DOOR OR RIGHT PANTRY DOOR OR RIGHT RC DOOR OPEN 115V.
		P2-5		AIR BAFFLE OUTPUT. ACTIVATE SERVICE TEST 3, STEP 3
	P3	P2-6	115 VAC	HORIZONTAL MULLION HEATER, VERTICAL MULLION HEATER OUTPUT 01=115V.
		P2-7		FC DEFROST HEATER OUTPUT, THERMO FUSE. SERVICE TEST 6. 115V
		P3-3	115 VAC	ICE MAKER WATER VALVE. SERVICE TEST 25. DIGIT 1=115V
		P3-4		WATER DISPENSING VALVE. SERVICE TEST 25. DIGIT 2=115V
		P3-5	115 VAC	LEFT RC DOOR MUST BE CLOSED = 115V. OPEN= 0V
		P3-6		PANTRY HEATER OUTPUT. SERVICE TEST 73 19.01=115V, 02=0V
	P4	P3-7	130 VDC	AUGER OUTPUT. LH RC DOOR CLOSED. ACTIVATE ICE PADDLE = 130-140VDC
		P4-3		COMMUNICATION
	P5	P5-1	5 VDC	RC THERMISTOR OUTPUT = 1.5-5VDC. MAXIMUM
		P5-3		FC THERMISTOR OUTPUT = 1.5-5VDC. MAXIMUM
	P6	P6-1	12.7 VDC	CONSTANT 12.7 VDC
		P7-1	5 VDC	IM THERMISTOR OUTPUT = 1.5-5VDC. MAXIMUM
	P7	P7-3		IM SWITCH
		P7-5	12.7 VDC	IM MOTOR OUTPUT TEST 57. SW3 TO ACTIVATE. UP TO 2MIN DELAY
	P8	P8-1		FC DEFROST THERMISTOR OUTPUT = 1.5-5VDC MAXIMUM
		P8-5	5 VDC	ICE BOX FAN PWM CONNECTION
		P8-3		RC EVAP THERMISTOR OUTPUT = 1.5-5VDC MAXIMUM
		P8-7	3-6 VDC	INVERTER OUTPUT 3-6 VDC CONSTANT WHEN COMPRESSOR IS RUNNING
	P9	P9-2	12 VDC	ICE BOX FASCIA HEATER OUTPUT

COMPONENT	FROM	TO	VOLTAGE	CONDITIONS
MAIN CONTROL	P12	P12-2	115 VAC	AC ICE MAKER VALVE FEEDBACK. WHEN SECOND IM VALVE IS ACTIVATED = 115V
		P12-6		IM HEATER OUTPUT TEST 58. WHEN DIGIT 1 = 1 HEATER ON (115V)
	P13	P13-1	5 VDC	3WAY REFRIGERANT VALVE. CAN NOT CHECK VOLTAGE OUTPUT
		P13-5		3WAY REFRIGERANT VALVE. CAN NOT CHECK VOLTAGE OUTPUT
EMITTER/RECEIVER	J1	P14-1	14 VDC	ICE BOX SENSOR
		P14-3	14 VDC	FC FAN MOTOR, OUTPUT ACTIVATE SERVICE TEST 3, STEP 2
		P14-4	14 VDC	RC FAN MOTOR, OUTPUT ACTIVATE SERVICE TEST 3, STEP 2
		P14-7	14 VDC	CONSTANT 14 VDC
PANTRY UI	J1A	J1-1	14 VDC	CONSTANT 14 VDC
		J1-2	14 VDC	CONSTANT 14 VDC
		J1-3	14 VDC	CONSTANT 14 VDC
		J1-5	14 VDC	CONSTANT 14 VDC
DISPENSER BOARD	REFER TO SERVICE TEST 15 FOR VERIFYING THE EMITTER/RECEIVER BOARDS			
	J3A	J3-1	14 VDC	CONSTANT 14 VDC
		J3-2	14 VDC	CONSTANT 14 VDC
	J1	J1-1	14 VDC	CONSTANT 14 VDC
		J1-2	14 VDC	CONSTANT 14 VDC
	J2	J2-1	14 VDC	CONSTANT 14 VDC
		J2-2	14 VDC	CONSTANT 14 VDC
	J3	J3-1	14 VDC	CONSTANT 14 VDC
		J3-2	14 VDC	CONSTANT 14 VDC
	J5	J5-1	14 VDC	CONSTANT 14 VDC
		J5-2	14 VDC	CONSTANT 14 VDC
	J6	J6-1	14 VDC	CONSTANT 14 VDC
		J6-2	14 VDC	CONSTANT 14 VDC
	P1	P1-1	14 VDC	CONSTANT 14 VDC
		P1-3	14 VDC	CONSTANT 14 VDC
AURORA	P2	P2-1	12.7 VDC +/- 5%	SHELF LIGHTING OUTPUT
		P2-3	12.7 VDC +/- 5%	FILL TUBE HEATER FREEZER FC IM, FILLTUBE HEATER RC IM OUTPUT
	P3	P3-1	20.0 VDC +/- 5%	CAVITY LIGHT (POINT LED'S) OUTPUT
		P3-3	20.0 VDC +/- 5%	CAVITY LIGHT (POINT LED'S) OUTPUT

Color Symbol Legend			
Symbol	Color	Symbol	Color
WH	White	RD	Red
BK	Black	BU	Blue
YL	Yellow	GN	Green
BR	Brown	OR	Orange
VT	Violet	LB	Light Blue
TR	Transparent	N	Neutral
GY	Gray	TN	Tan
PK	Pink		