

WIRING DIAGRAM

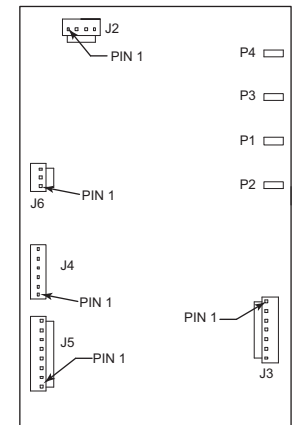
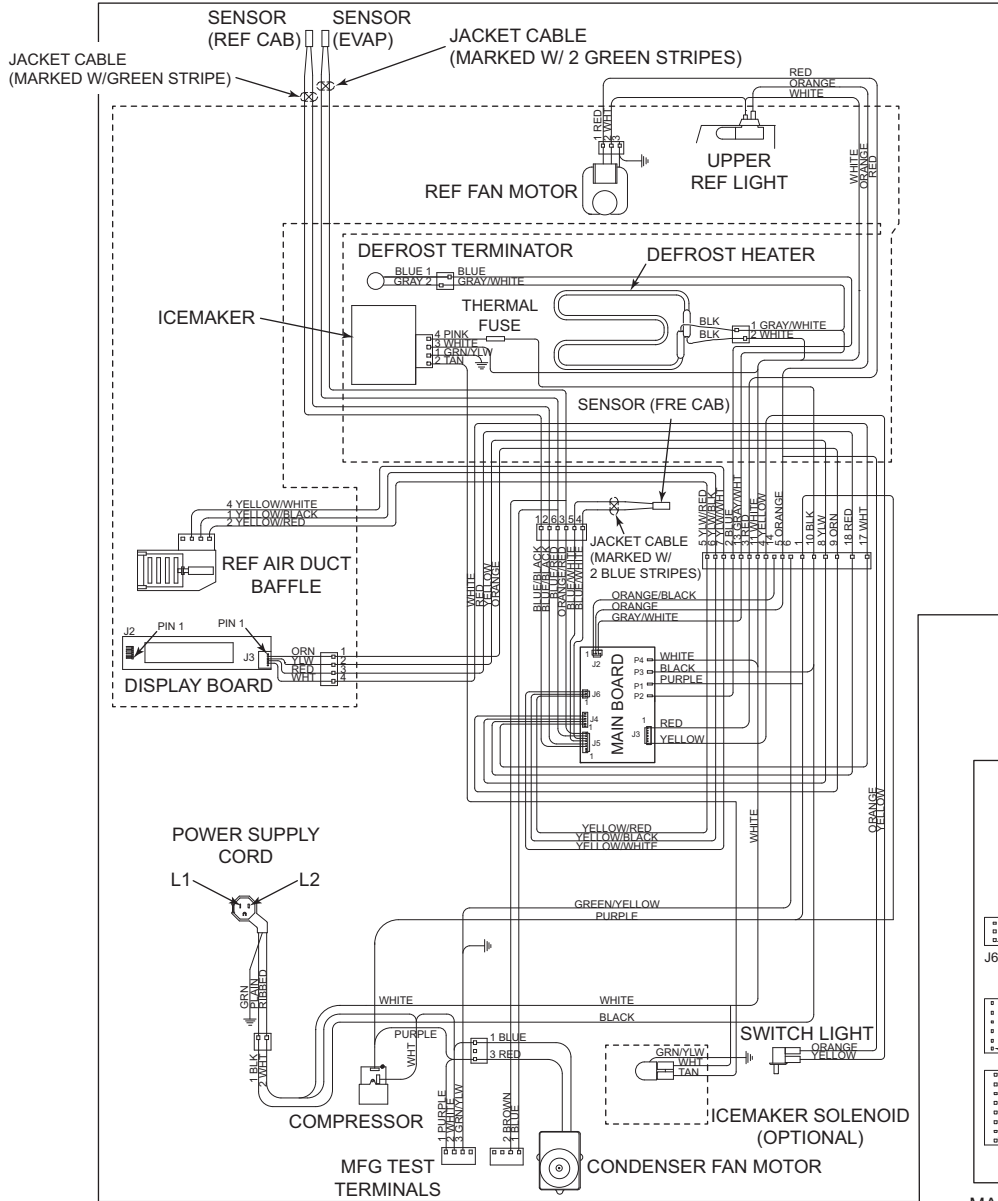
MODEL: UC-24C

PART NUMBER 7026634 Rev A

PLACE IN WIRING DIAGRAM BAG FOR FUTURE REFERENCE

WARNING

- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.



MAIN CONTROL BOARD DETAIL

MAIN CONTROL BOARD SUMMARY

TERMINAL	CIRCUIT	DESCRIPTION	FUNCTION	COLOR	TERMINAL	CIRCUIT	DESCRIPTION	FUNCTION	COLOR
120 VOLT CIRCUITS					LOW VOLTAGE CIRCUITS				
P4	L2	NEUTRAL	NEUTRAL INTO BOARD	WHITE	J5-8	EVAP	EVAPORATOR	SENSES EVAP TEMP	BLUE/RED
P3	L1	POWER IN	POWER INTO BOARD	BLACK	J5-7	EVAP	EVAPORATOR	SENSES EVAP TEMP	ORANGE/RED
P1	COMPRESSOR	COMPRESSOR	POWERS COMPRESSOR AND COND. FAN	PURPLE	J5-6,5	NOT USED	NOT USED	NOT USED	--
P2	DEFROST	DEFROST HEATER	POWERS DEFROST CIRCUIT	--	J5-4,3	CAB	REF COMPARTMENT	SENSES REF CAB TEMP	BLUE/BLACK
J3-7	LIGHTS	LIGHTS	POWERS LIGHTS	YELLOW	J5-2,1	CAB	FRE COMPARTMENT	SENSES FRE CAB TEMP	BLUE/WHITE
J3-6	NOT USED	NOT USED	NOT USED	--	J6-1	N	BAFFLE NEUTRAL	BAFFLE NEUTRAL	YELLOW/RED
J3-5	NOT USED	NOT USED	NOT USED	--	J6-2	C	BAFFLE CLOSE	PULSED TO CLOSE NEUTRAL	YELLOW/BLACK
J3-4	NOT USED	NOT USED	NOT USED	--	J6-3	O	BAFFLE OPEN	PULSED TO OPEN NEUTRAL	YELLOW/WHITE
J3-3	NOT USED	NOT USED	NOT USED	--	J4-6	NOT USED	NOT USED	NOT USED	--
J3-2	NOT USED	NOT USED	NOT USED	--	J4-5	DISPLAY	DISPLAY WIRING	GROUND FOR DISPLAY BOARD POWER SUPPLY	ORANGE
J3-1	FAN 1	EVAP FAN	POWERS EVAP FAN	RED	J4-4	DISPLAY	DISPLAY WIRING	SERIAL DATA TRANSMIT	YELLOW
J2-4	NOT USED	NOT USED	NOT USED	--	J4-3	DISPLAY	DISPLAY WIRING	SERIAL DATA RECEIVE	RED
J2-3	DEF	DEFROST SENSOR	SENSES WHEN DEF HEATER SHUTS OFF	ORANGE	J4-2	DISPLAY	DISPLAY WIRING	120C POWER SUPPLY FOR DISPLAY BOARD	WHITE
J2-2	R DOOR	REF DOOR LIGHT SENSE	SENSES IF LOWER DOOR OPEN	GRAY/WHITE	J4-1	NOT USED	NOT USED	NOT USED	--
J2-1	NOT USED	NOT USED	NOT USED	--					

WIRING SCHEMATIC

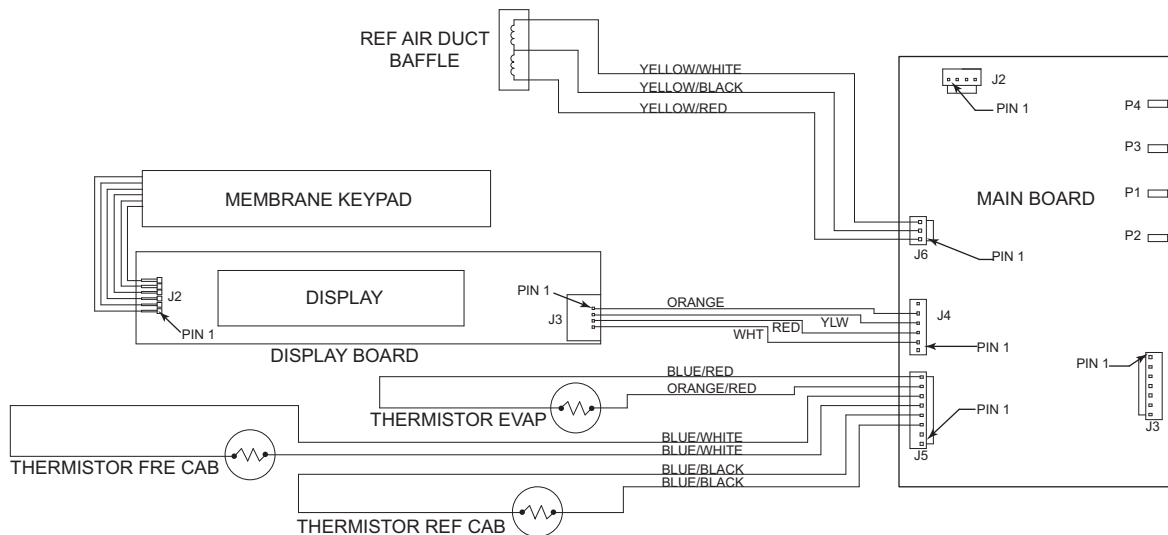
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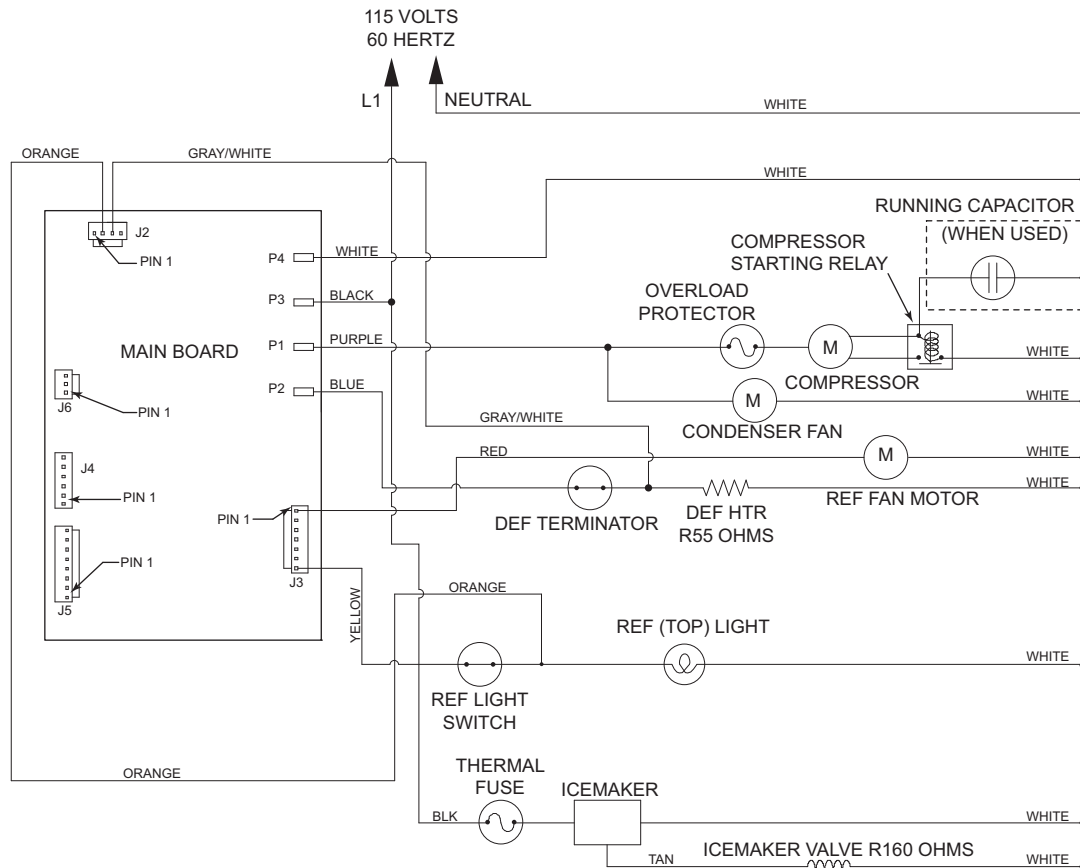
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LOW VOLTAGE



HIGH VOLTAGE

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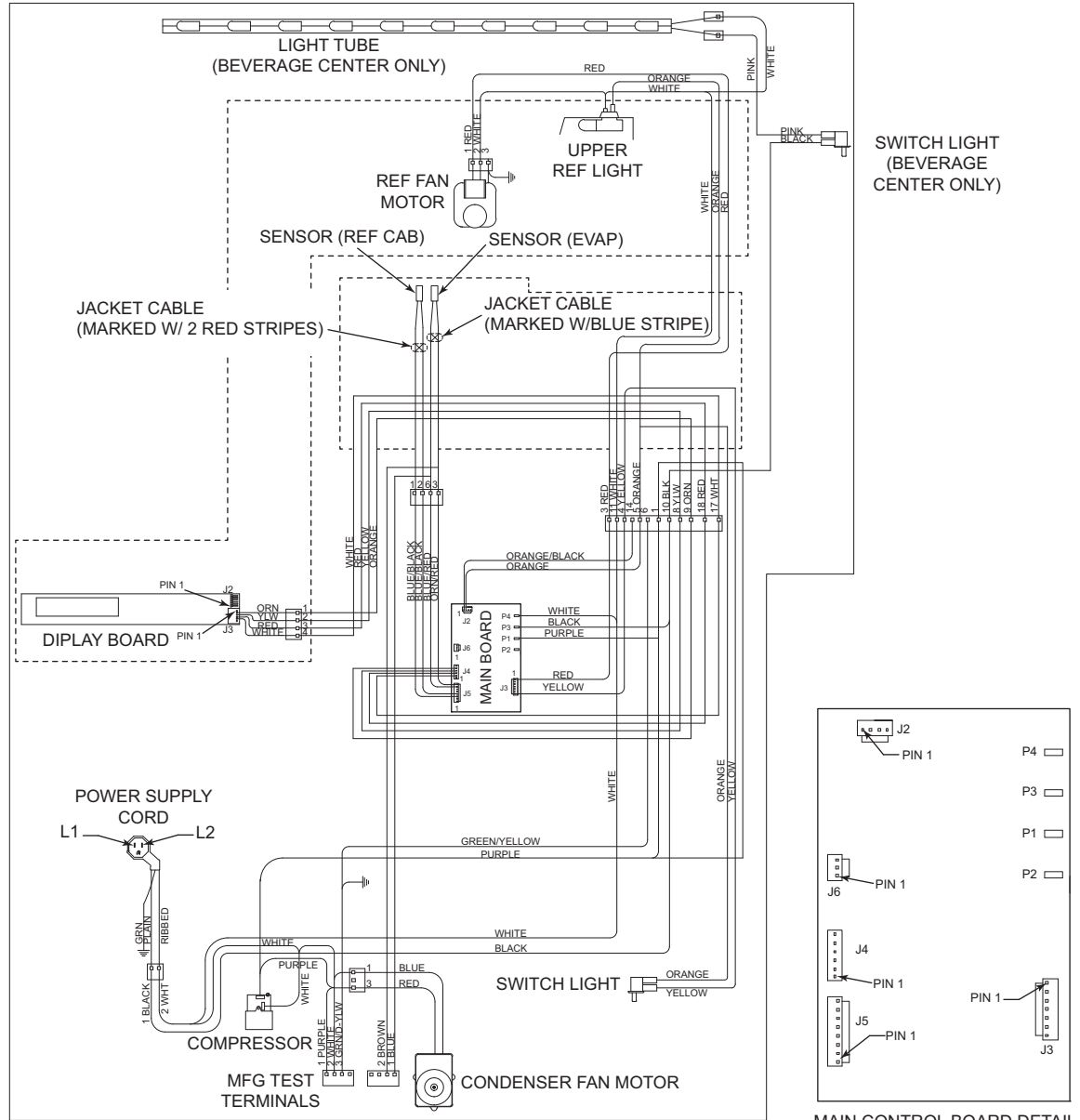
MODELS: UC-24R/RO & UC-24B

PART NUMBER 7026638 Rev A

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P3	L1	POWER IN	POWER INTO BOARD	BLACK	J5-7	EVAP	EVAPORATOR	SENSES EVAP TEMP	ORANGE/RED
P2	NOT USED	NOT USED	NOT USED	--	J5-6,5	NOT USED	NOT USED	NOT USED	--
P1	COMPRESSOR	COMPRESSOR	POWERS COMPRESSOR AND COND. FAN	PURPLE	J5-4,3	CAB	REF COMPARTMENT	SENSES REF CAB TEMP	BLUE/BLACK
J3-7	LIGHTS	LIGHTS	POWERS LIGHTS	YELLOW	J5-2,1	NOT USED	NOT USED	NOT USED	--
J3-6	NOT USED	NOT USED	NOT USED	--	J6-3	NOT USED	NOT USED	NOT USED	--
J3-5	NOT USED	NOT USED	NOT USED	--	J6-2	NOT USED	NOT USED	NOT USED	--
J3-4	NOT USED	NOT USED	NOT USED	--	J6-1	NOT USED	NOT USED	NOT USED	--
J3-3	NOT USED	NOT USED	NOT USED	--	J4-6	NOT USED	NOT USED	NOT USED	--
J3-2	NOT USED	NOT USED	NOT USED	--	J4-5	DISPLAY	DISPLAY WIRING	GROUND FOR DISPLAY BOARD POWER SUPPLY	ORANGE
J3-1	FAN 1	EVAP FAN	POWERS EVAP FAN	RED	J4-4	DISPLAY	DISPLAY WIRING	SERIAL DATA TRANSMIT	YELLOW
J2-4	NOT USED	NOT USED	NOT USED	--	J4-3	DISPLAY	DISPLAY WIRING	SERIAL DATA RECEIVE	RED
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J2-2	R DOOR	REF DOOR LIGHT SENSE	SENSES IF LOWER DOOR OPEN	ORANGE	J4-1	NOT USED	NOT USED	NOT USED	--
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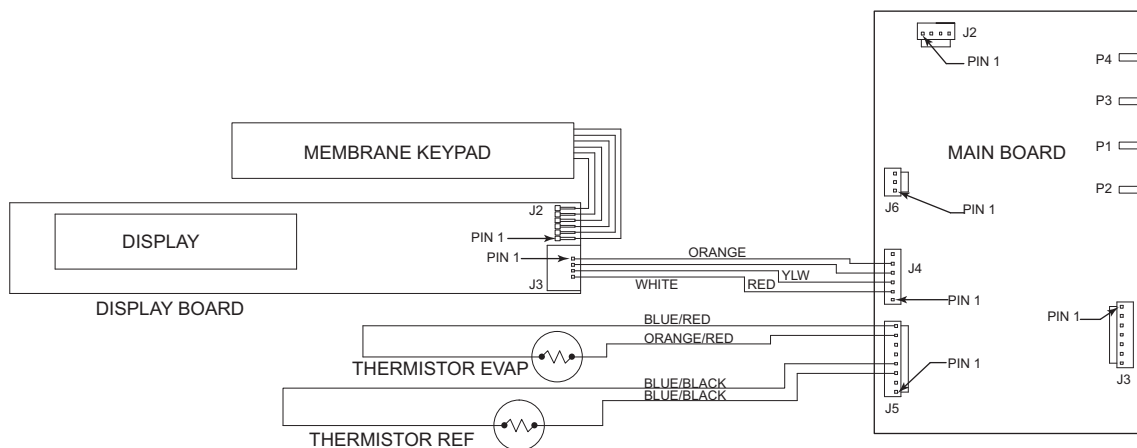
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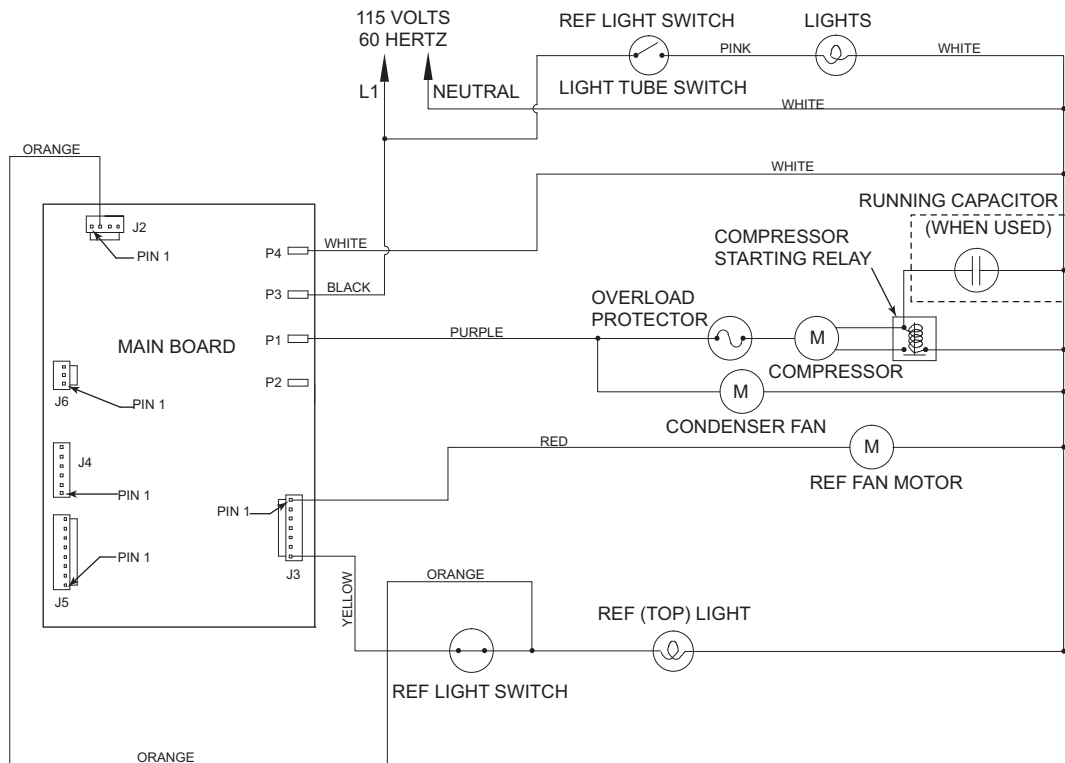
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