

P/N 7013369

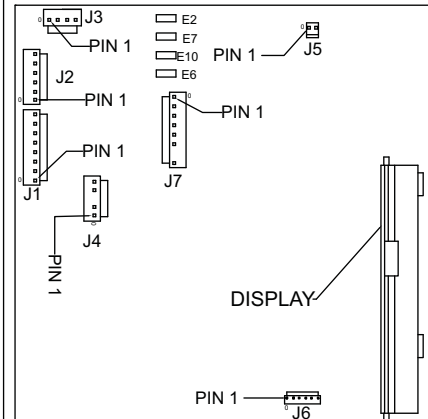
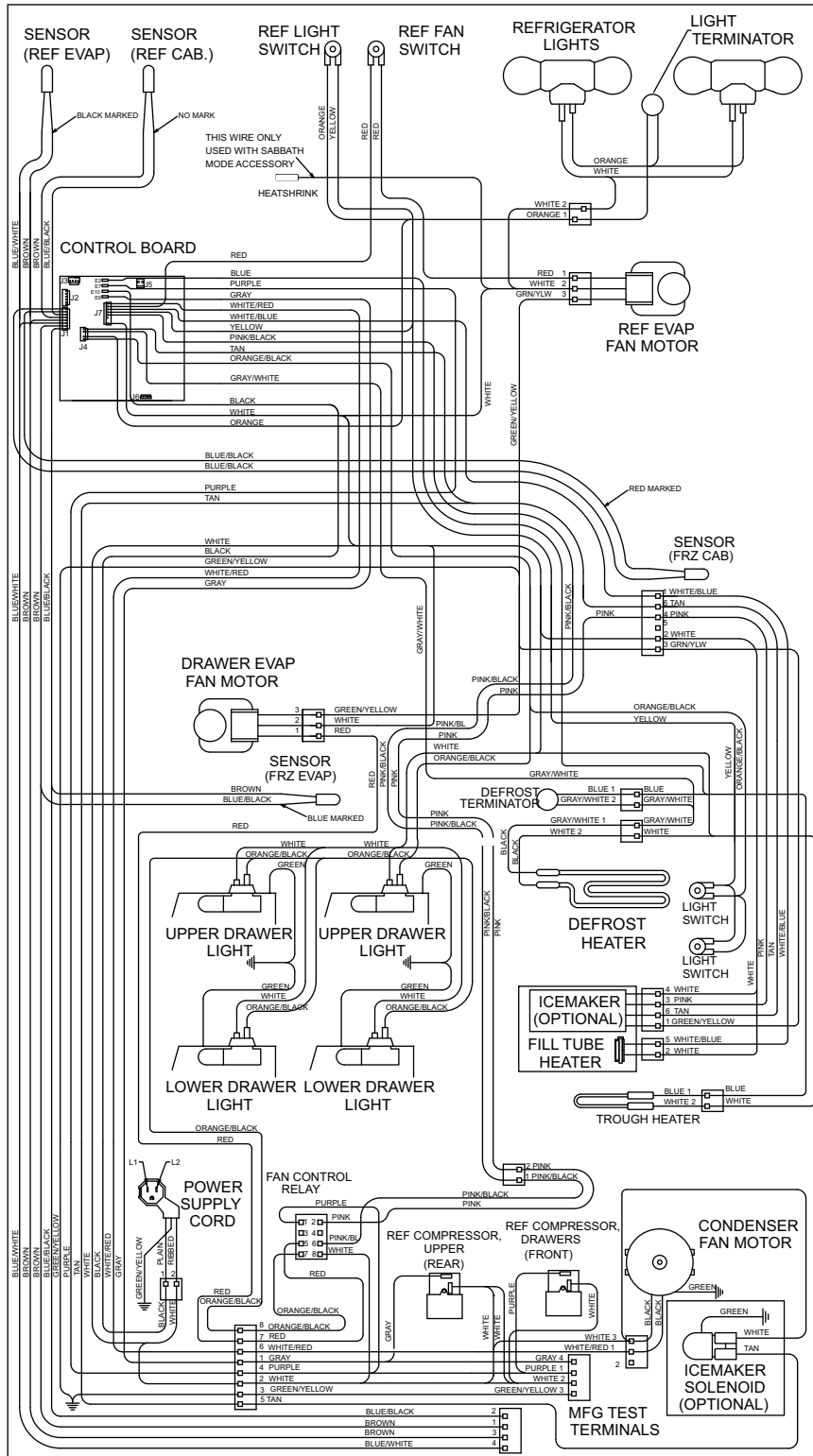
WIRING DIAGRAM

MODEL: 736TCI

(After Serial #2970000)

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.



CONTROL BOARD DETAIL

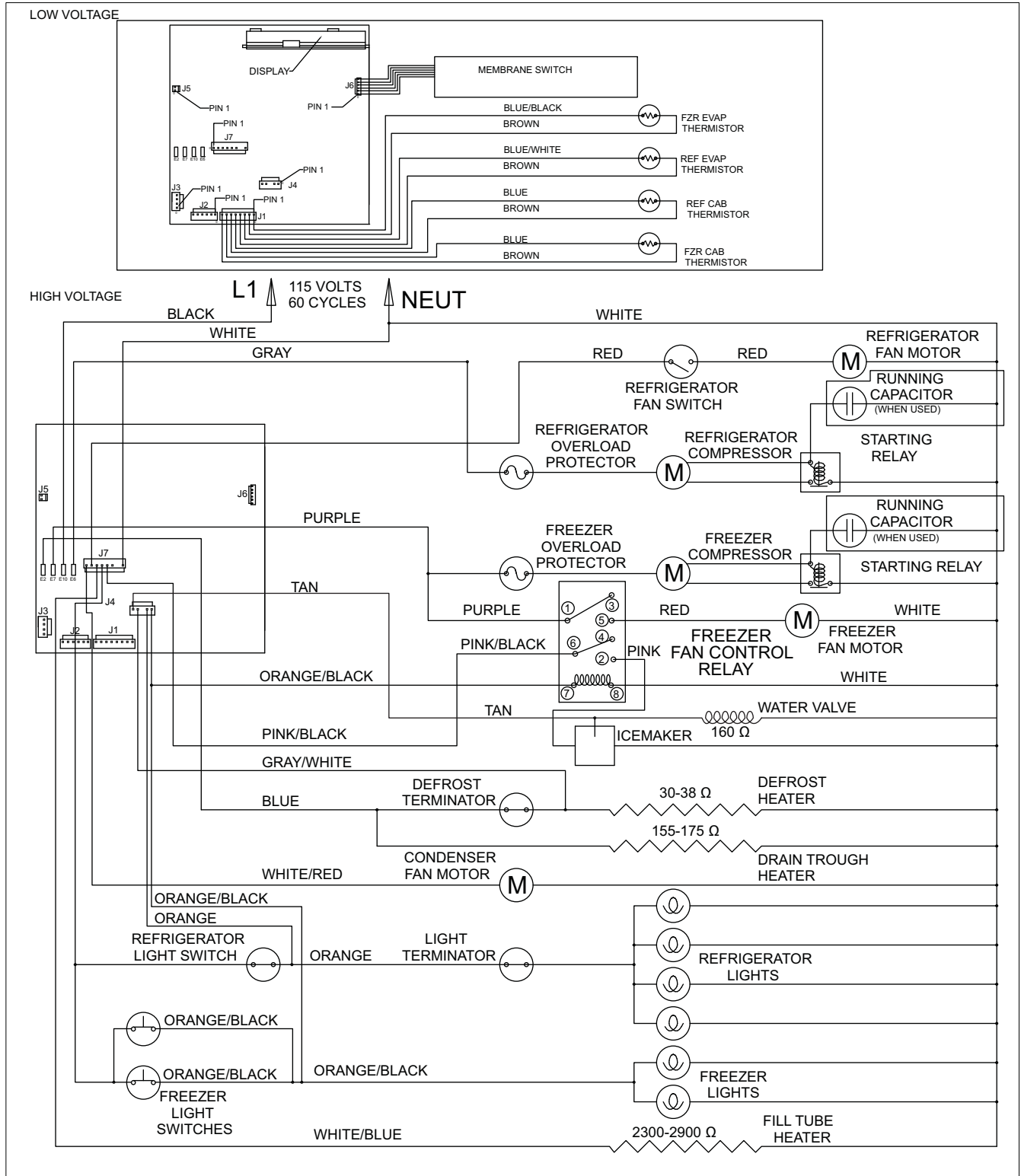
CONTROL BOARD SUMMARY				
	CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	DEF HTR	120 VOLT CIRCUITS	POWERS DEFROST CIRCUIT	BLUE
E7	FCOMP	DEFROST HEATER	POWERS FRZ COMPRESSOR (DRAWERS)	PURPLE
E6	L1	FRZ COMPRESSOR	POWER INTO BOARD	BLACK
E10	RCOMP	REF COMPRESSOR	POWERS REF COMPRESSOR (DOOR)	GRAY
E9	FAN1	CONDENSER FAN	POWERS REF FAN SW	WHITE
E11	E FAN2	EVAP FAN	POWERS REF FAN SW	RED
J7-3	IAC1	ICE MAKER ACC (FILL TUBE)	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-4	LITES	LIGHTS	POWERS LIGHTS	YELLOW
J7-5	ICE	ICE MAKER	POWERS ICE MAKER	PINK/BLACK
J7-6	NOT USED	NOT USED		
J7-7	NEU	NEUTRAL (NO PIN)	NEUTRAL INTO BOARD	WHITE
J4-1	F DR	DOOR LIGHTS SENSE	SENSES IF EITHER DRAWER OPEN	ORANGE/BLACK
J4-2	R DR	DOOR LIGHTS SENSE	SENSES IF DOOR OPEN	ORANGE
J4-3	NOT USED (NO PIN)	NOT USED (NO PIN)		
J4-4	DEF SENSOR	DEF SENSOR	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-5	VALVE SENSOR	VALVE SENSOR	SENSES WATER VALVE ACTIVATION	TAN
40-000000 VOLTAGE THERMISTOR CIRCUITS				
J1-1	EVAP FRZ	FRZ EVAP	SENSES FRZ EVAP TEMP (DRAWERS)	BLUE/BLACK
J1-2	EVAP FRZ	FRZ EVAP	SENSES FRZ EVAP TEMP (DRAWERS)	BROWN
J1-3	EVAP REF	REF EVAP	SENSES REF EVAP TEMP	BLUE/WHITE
J1-4	EVAP REF	REF EVAP	SENSES REF EVAP TEMP	BROWN
J1-5	REF	REF COMPARTMENT	SENSES REF CABINET TEMP	BLUE
J1-6	REF	REF COMPARTMENT	SENSES REF CABINET TEMP	BROWN
J1-7	FRZ	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE
J1-8	FRZ	FRZ COMPARTMENT	SENSES FRZ CABINET TEMP (DRAWERS)	BROWN

P/N 7013369

WIRING SCHEMATIC MODEL: 736TCI (After Serial #2970000)

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.



P/N 7013370

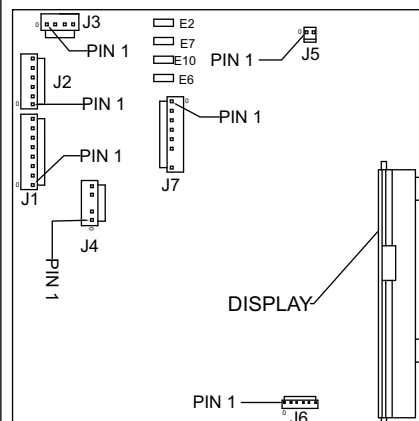
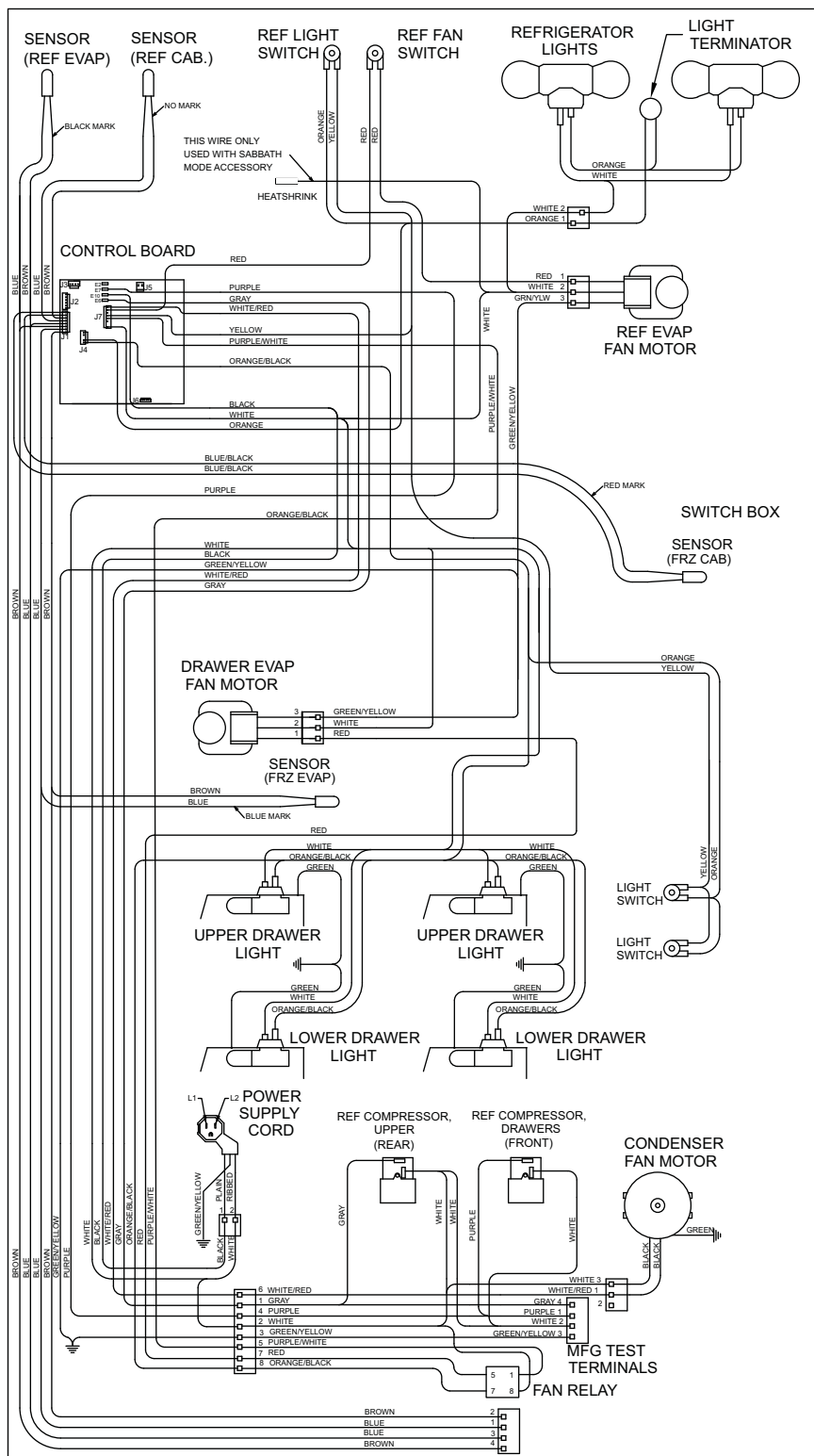
WIRING DIAGRAM

MODEL: 736R

(After Serial #2970000)

⚠ 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.



CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY

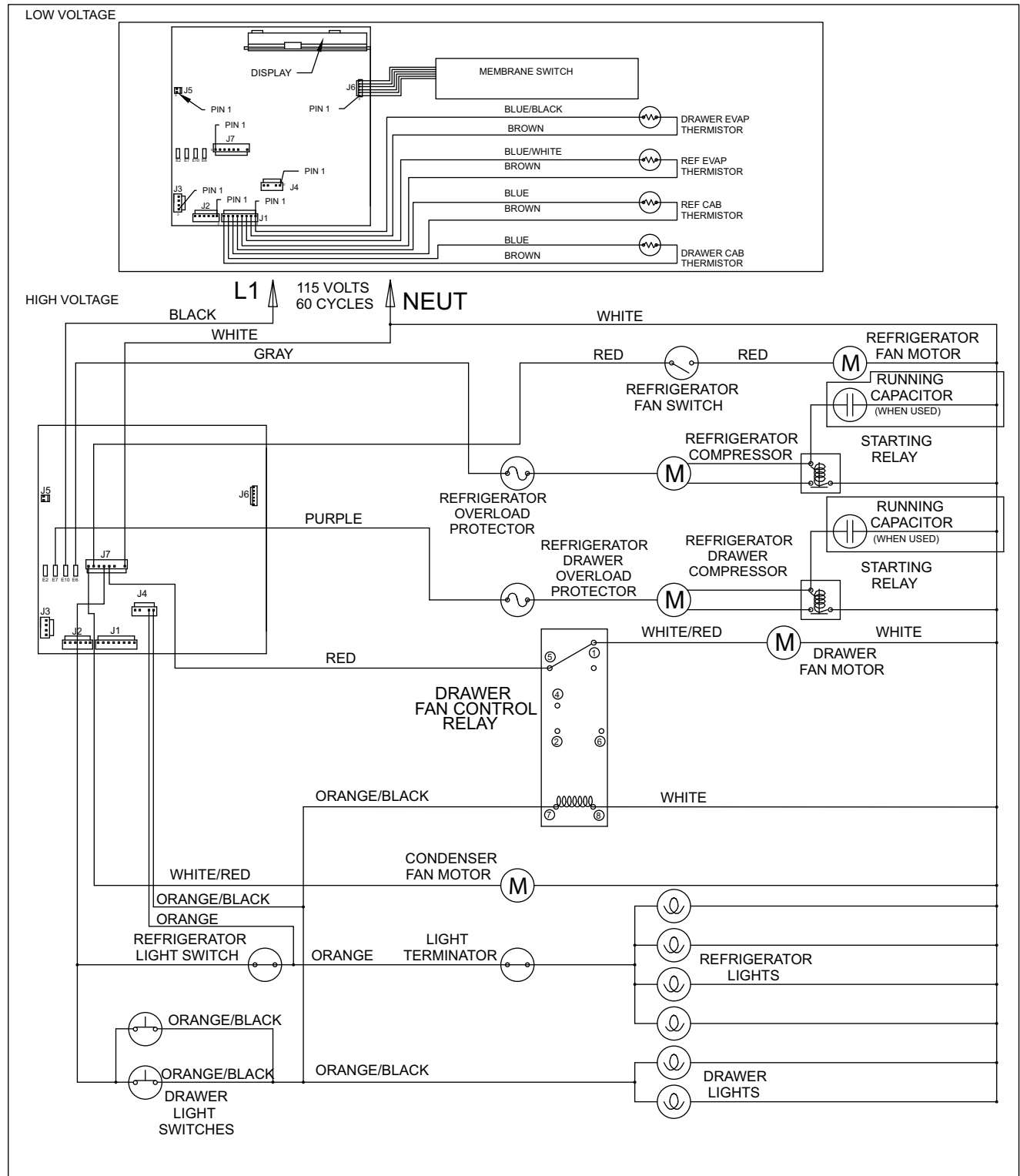
CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	NOT USED	120 VOLT CIRCUITS	PURPLE
E7	COMPRESSOR	POWERS REF COMPRESSOR (DRAWERS)	BLACK
E10	POWER IN	POWER INTO BOARD	GRAY
E6	REF COMPRESSOR	POWERS REF COMPRESSOR (DOOR)	WHITE/RED
J7-1	C FAN	POWERS CONDENSER FAN	RED
J7-2	E FAN	POWERS REF FAN SW	YELLOW
J7-3	LITES	POWERS LIGHTS	PURPLE
J7-4	E FAN	POWERS DRAWER FAN SW	WHITE
J7-5	NOT USED (NO PIN)	NOT USED	ORANGE/BLACK
J7-6	NEU	NEUTRAL INTO BOARD	ORANGE
J7-7	DR	DRAWER LIGHTS SENSE	BLUE
J4-1	R DR	SENSES IF EITHER DRAWER OPEN	BROWN
J4-2	NOT USED (NO PIN)	NOT USED	BLUE
J4-3	NOT USED (NO PIN)	NOT USED	BROWN
J4-4	NOT USED	NOT USED	BLUE
J4-5	NOT USED	NOT USED	BROWN
LOW VOLTAGE THERMISTOR CIRCUITS			
J1-1	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	BLUE
J1-2	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	BROWN
J1-3	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	BROWN
J1-4	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	BROWN
J1-5	REF	SENSES REF CABINET TEMP	BLUE
J1-6	REF	SENSES REF CABINET TEMP	BROWN
J1-7	FRZ	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE
J1-8	FRZ	SENSES FRZ CABINET TEMP (DRAWERS)	BROWN

P/N 7013370

WIRING SCHEMATIC MODEL: 736TR (After Serial #2970000)

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.



P/N 7010912

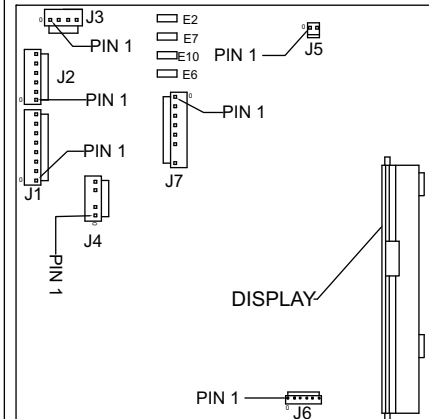
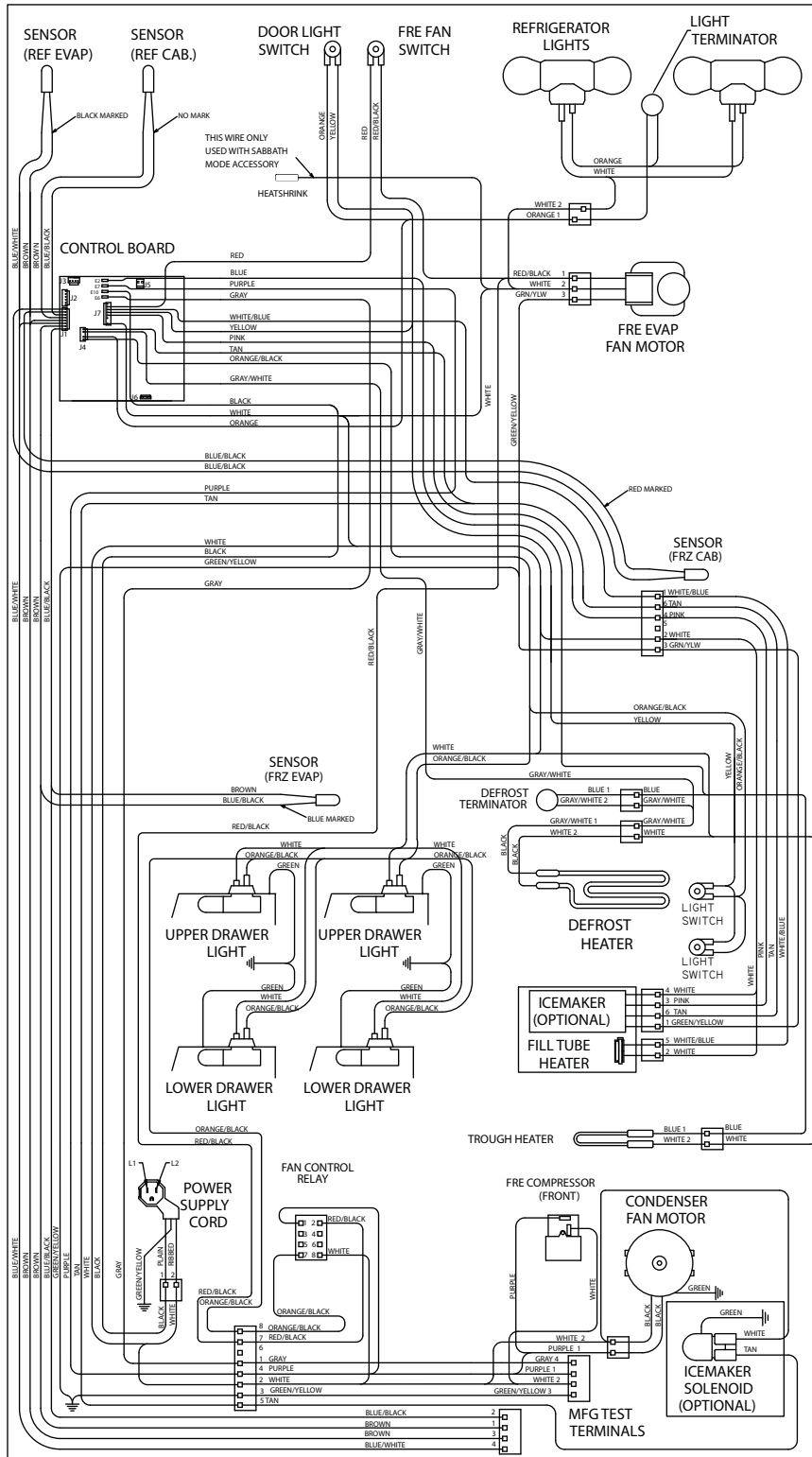
WIRING DIAGRAM

MODEL: 736TFI

(After Serial #2970000)

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.



CONTROL BOARD DETAIL

CONTROL BOARD SUMMARY

CIRCUIT	DESCRIPTION	FUNCTION	COLOR
E2	DEF-HIR	POWERS DEFROST CIRCUIT	BLUE
E7	FRZ COMP	POWERS FRZ COMPRESSOR (DRAWERS)	PURPLE
E10	L1	POWER INTO BOARD	BLACK
E6	NOT USED		
J7-1	NOT USED		
J7-2	FAN	POWERS REF FAN SW	RED
J7-3	FAN	POWERS FILL TUBE HEATER AND ACCESSORIES	WHITE/BLUE
J7-4	LIGHTS	POWERS LIGHTS	YELLOW
J7-5	ICE	POWERS ICE MAKER	PINK
J7-6	NOT USED		
J7-7	NOT USED (NO PIN)		
J7-8	NEU	NEUTRAL INTO BOARD	WHITE
J4-1	DR	SENSES IF EITHER DRAWER OPEN	ORANGE/BLACK
J4-2	RDR	SENSES IF DOOR OPEN	ORANGE
J4-3	NOT USED (NO PIN)		
J4-4	DEF SENSOR	SENSES WHEN DEF HEATER SHUTS OFF	GRAY/WHITE
J4-5	ICE MAKER VALVE SENSOR	SENSES WATER VALVE ACTIVATION	TAN
J11-1	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	BLUE/BLACK
J11-2	EVAP FRZ	SENSES FRZ EVAP TEMP (DRAWERS)	BROWN
J11-3	NOT USED		
J11-4	NOT USED		
J11-5	NOT USED		
J11-6	FRZ	SENSES FRZ CABINET TEMP (DRAWERS)	BLUE
J11-7	FRZ	SENSES FRZ CABINET TEMP (DRAWERS)	BROWN

P/N 7010912

WIRING SCHEMATIC MODEL: 736TFI (After Serial #2970000)

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.

