

NOTE: This sheet contains important Technical Service Data

Do Not Remove Or Destroy

Only authorized technicians should perform diagnostic voltage measurements.

Failure to follow these instructions can result in death or electrical shock.

Kw/24 hr/± 0.4			Percent Run Time ± 10%			Cycles/24 hr/± 10%			Refrigerator/Pantry Compartment Average Food Temperature ± 4°F	Freezer Compartment Average Food Temperature ± 4°F	Ice Maker Compartment Average Temperature ± 5°F			
70°	90°	110°	70°	90°	110°	70°	90°	110°	70°	90°	110°	70°	90°	110°
2.2	2.0	2.6	40	55	75	17	17	14	38	38	38	0	0	0
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

Evaporator Outlet ± 3°F	Evaporator Inlet ± 3°F	Suction Line ± 7°F	Average Total Wattage ± 10%	Suction Pressure ± 2 PSIG	Head Pressure ± 5 PSIG
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Ambient °F	70°	90°	70°	90°	70°	90°	70°	90°	70°	90°	70°	90°
25 cu. ft.	-20	-17	-20	-17	85	105	145	150	0	0	85	135

1. Unplug refrigerator or disconnect power.
2. Connect voltage measurement equipment.
3. Plug in refrigerator or reconnect power and confirm voltage reading.
4. Unplug refrigerator or disconnect power.

Component	Specifications all parts 115 VAC/60Hz unless noted	
Compressor	BTUH 717 BTUH NC1116HZ Watt 60 Hz / 101 watts Current lock rotor 20.1 amps ± 15% Current full load 1.0 amps ± 15% Resistance run windings 4.8 ohms ± 10% Resistance start windings 4.6 ohms ± 10%	
Relay	5SP	
Compressor Run Capacitor	Volt 180 VAC Capacitance 12 µfd ± 10%	
Electric Damper Control	Maximum closing time 16 seconds Temperature rating -11°F - 110°F RPM 3	
Thermistor	Temperature Resistance 77°F 2700 ohms ± 5.0% 36°F 7964 ohms ± 1.0% 0°F 23345 ohms ± 2.0%	
Condenser Motor	Rotation (facing end opposite shaft) Clockwise RPM 1090 RPM Watt 3.4 ± 15% watts @ 115 VAC Current 0.085 amps ± 15% @ 115 VAC	
Evaporator Fan Motor	Rotation (facing end opposite shaft) Clockwise RPM 3000 RPM Watt 5.5 ± 15% watts @ 12 VDC Note: Fan blade must be fully seated on shaft to achieve proper airflow.	
Overload/Relay	Ult. trip amps @ 158°F (70°C) 3.06 amps ± 15% Close temperature 142°F ± 16°F Open temperature 221°F ± 9°F Short time trip (seconds) 10 seconds ± 5 Short time trip (amps @77°F (25°C)) 14.3 amps ± 2 amps	
Thermostat (Defrost)	Volt 120/240 VAC Watt 495 watts Current 3.75/1.87 amps Resistance across terminals: Above 42°F ± 5° Open Below 12°F ± 7° Closed	
Evaporator Heater	Volt 115 VAC Wattage 470 ± 5% watts @ 115 VAC Resistance 28.1 ± 5% ohms	
Control Board	Volt 120 VAC, 60Hz See control board for diagnostics.	
Dual Water Valve	Wattage 35 watts (Yellow side) 20 watts (Green side)	
Isolation Valve	Wattage 20 watts (Brown)	
Ice Box Fan	Rotation (facing end opposite shaft) Clockwise RPM 3000 RPM Watt 5.5 ± 15% watts @ 12 VDC	
Light Switch	Type SPDT NO/NC Volt 125/250 VAC Current 8/4 amps	
Vertical Mullion Heater	Wattage 7 watts @ 14 VDC Resistance 28 ± 8% ohms	
Smart Valve	Wattage 20 watts	

Each step must be manually advanced. Press SW5 to move to the next step in the sequence. Press SW4 to back up in the sequence to the previous step. Diagnostics will begin at Step 1. Each step is displayed in the two digits of the dispenser user interface display. The step results are displayed in the two digits on dispenser user interface display 2 seconds after the step number is displayed. An amber order filter light will be shown to designate that the step number is being displayed and a red replace filter light will be shown to designate that the status of the step is being displayed. All button and pad inputs shall be ignored and all inputs shall be off except as described in the actions for each step.

Failure to do so can result in death or electrical shock.

NOTE: Do not use SW4 and SW5 as these are used only to navigate through the Service Diagnostics

Press	Digit 1	Digit 2
SW1	1	
SW2	2	
SW3	3	
SW6	6	
Ice Pad		1`
Water Pad		2
Ice & Water Pads		3

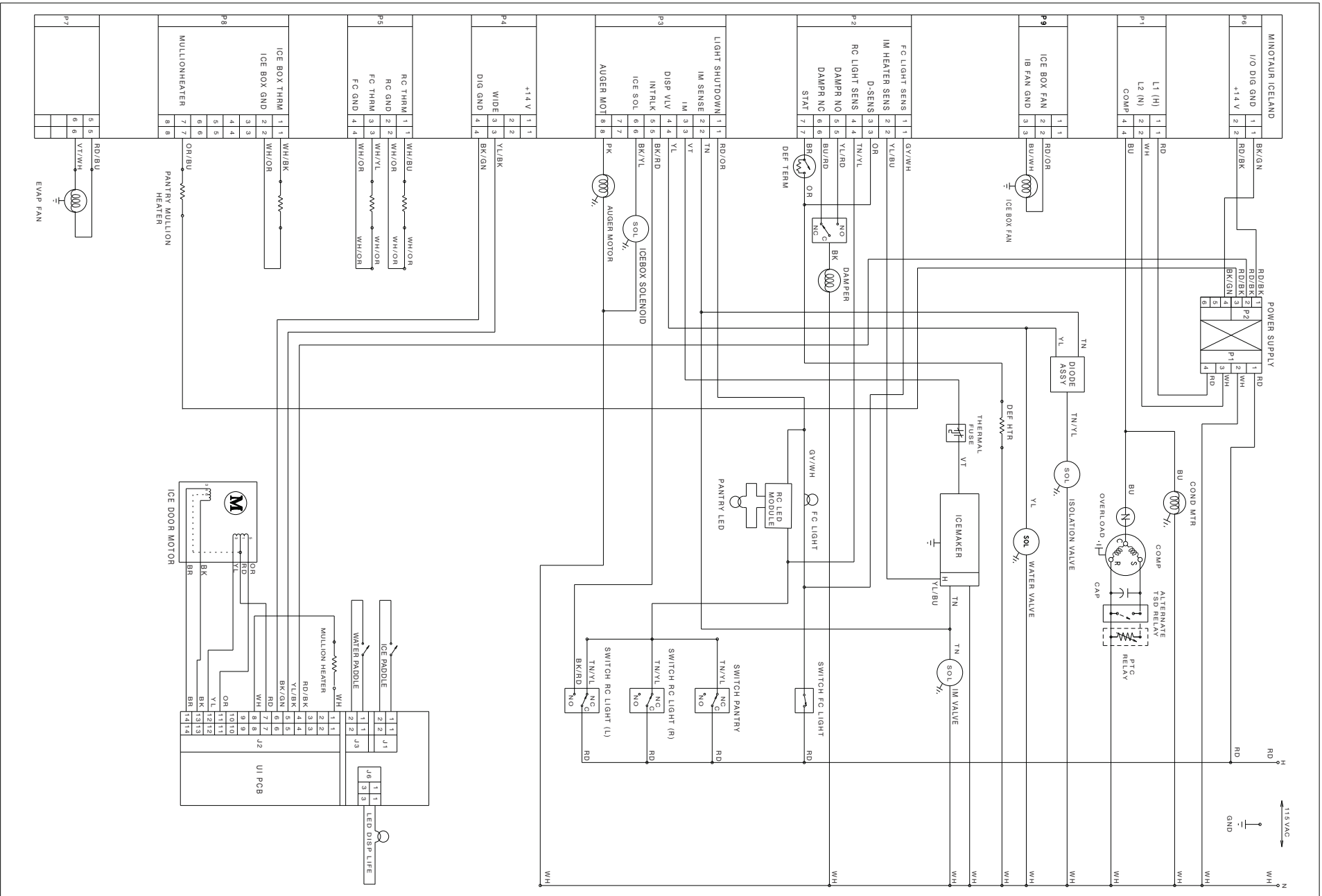
Digit 1	0=Icemaker fill OFF, 1=Icemaker fill ON
Digit 2	0=Water valve OFF, 1=Water valve ON

NOTE: This is repeatedly displayed during all time in this step. 00/00/00 to 99/99/99

NOTE: See the user guide for details on how to calibrate water flow from the dispenser.

W10814246A	W10814246A
Assy : W10814198	Assy : W10814198

Rev: A



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