

PERFORMANCE DATA NO LOAD & NO DOOR OPENINGS AT MID-POINT CONTROL SETTING		
Type A with Run/Start Capacitor	65°F (18°C) Ambient	90°F (32°C) Ambient
Operating Time	75 to 85%	90 to 100%
Freezer Temperature	0° to 4°F (-18° to -16°C)	-1° to 3°F (-18° to -16°C)
Refrigerator Temperature	34° to 39°F (1° to 4°C)	34° to 39°F (1° to 4°C)
Low Side Pressure (cut-in)	-4 to 0 psig (-27 to 0 kPa)	N/A
Low Side Pressure (cut-out)	-9 to -11 psig (-62 to -76 kPa)	-9 to -11 psig (-62 to -76 kPa)
High Side Pressure (Last 1/3 of cycle)	32 to 40 psig (221 to 276 kPa)	53 to 63 psig (365 to 434 kPa)
Wattage (Last 1/3 of cycle)	33 to 43	55 to 65
Amps (Running)	0.4 to 0.6	0.6 to 0.8
Base Voltage	115 vac (127 vac max)	115 vac (127 vac max)
Refrigerant Charge	26' & CD = 65g/23' = 59g	

DEFROST SPECIFICATIONS				
Cabinet Size	Thermostat		Heater	
	Cut-In	Cut-Out	Watts	Ohms
23' & 26'	25°F (-4°C)	39.2°F (4°C)	225	58.8
Electronic Timer - (ADC) Defrost 24 minutes every 6 to 72 hours of compressor run time.				

CONDENSER FAN MOTOR		
Watts	RPM	Amps
3.1 (Energy Star - Some models)	1100 CW Opposite Shaft	.03 Running

ICE MAKER PLUG CONNECTIONS		
Wire Number	Wire Color	Connect to:
1	Lt. Blue	Neutral
2	Yellow	Water Valve
3	Black	Line

ICE MAKER DIAGNOSTIC MODE			
<b>Activate:</b>	Press FZ+ and FF+ temperature pads for up to 10 sec. simultaneously. Press FF+ or - to move forward or backward through tests.		
<b>Deactivate:</b>	Press FF+ for up to 10 sec. IM Diagnostic Mode will automatically deactivate after 5 min. of inactivity. NOTE: Silence alarm.		
Test	To activate test	Passing Result	
52C	Ice Maker Thermistor	Activates automatically	FZ display shows temperature sensed by Ice Maker Thermistor. "OP" if open; "SH" if short
55C	Water Valve	Press Power On-Off	Remove ice tray to collect water into a measuring container to measure water fill. If collecting water into ice tray, first perform test 63C to empty ice try.
58C	Ice Level Sensor	Activates automatically	Remove ice bucket. Allow bail arm to drop freely. Pass if no alarm when tray returns to "home" position. Hold bail arm up. Pass if alarm sounds when tray returns to "home" position. The test runs continuously until another test is selected.
63C	Twist Tray	Press Power On-Off	Remove ice bucket. FZ display shows "1" and "GOOD".

SPECIAL MODES			
MODE	DISPLAY	ACTIVATE	DEACTIVATE
Demo/Showroom	No Display	Press and hold <b>Freezer Temp</b> and <b>Water Filter</b> until you hear a beep (10 seconds).	Press and hold <b>Freezer Temp</b> and <b>Water Filter</b> until you hear a beep (10 seconds) or until you unplug the unit.

**CAUTION**  
All electrical parts and wiring must be shielded from torch flame. DO NOT allow torch to touch insulation; it will char at 200°F and flash ignite (burn) at 500°F. Excessive heat will distort the plastic liner.

## SERVICE DATA SHEET

### A18520404

### ICE & WATER - AUTOMATIC DEFROST SIDE BY SIDE MODELS - R600a

**IMPORTANT SAFETY NOTE**  
The information provided herein is designed to assist qualified repair personnel only. Untrained persons should not attempt to make repairs due to the possibility of electrical shock. Disconnect power cord before servicing this appliance.

**IMPORTANT**  
If any green grounding wires are removed during servicing, they must be returned to their original position and properly secured.



