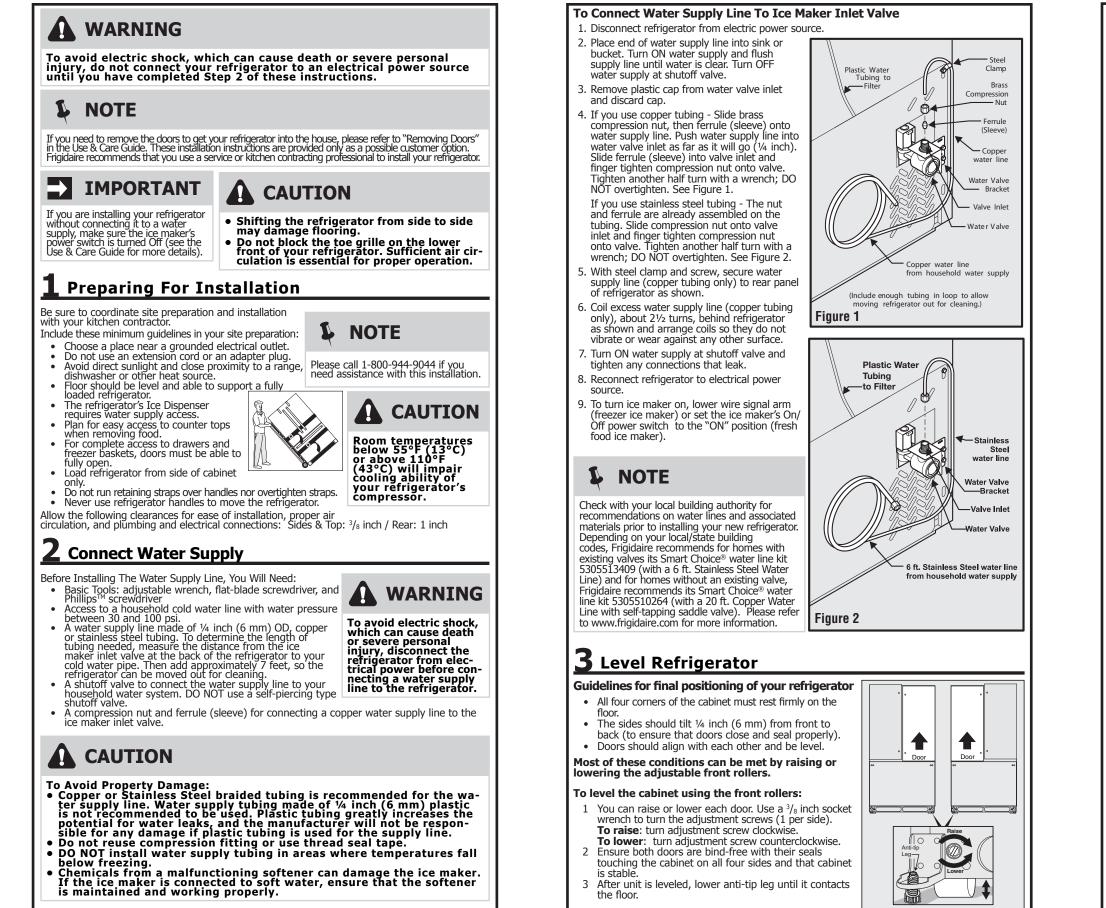
FRIGIDAIRE Installation Instructions* for French Door Bottom Freezer/Refrigerator

*Please refer to your Use & Care Guide for more details.



If you are not satisfied with the installation of your refrigerator, please contact the store where you purchased it or call 1-800-944-9044 for assistance.

DO NOT REMOVE this label until the refrigerator has been leveled. Please follow all instructions for leveling your refrigerator.

2. Leveling freezer drawer:

- A.
- rotate.

С.

D.

- drawer.
- E. into place.



- Α. B. the washer.

What's Next?



Doors □ Handles are secure and tight □ Door seals completely to cabinet on all sides □ Fresh food doors are level Leveling □ Refrigerator is level, side to side and tilted

¹/₄ inch (6 mm) front to back **Electrical Power** □ House power turned on

4 Installing & Leveling Freezer Drawer (if necessary) 1. Installing freezer drawer: Refer to "Installing Freezer Drawer" in the Use & Care Guide. Check gasket seal around top, bottom, and sides of freezer drawer. If gasket is not sealed, open drawer and slightly loosen 4 drawer screws (2 on each side) to allow drawer to Close drawer and recheck the seal on the gasket (A). Open the drawer grabbing by the sides in the center (B). Be careful not to rotate the Grab Drawer At Center rom Both Side Tighten 4 drawer screws. Push Agains Recheck gasket seal. . er Ou ezer Di Install the toe grille by fitting

Installing & Adjusting Doors (if necessary)

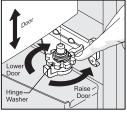
Α

1. Installing doors: Refer to "Installing Doors" in the Use & Care Guide. 2. Doors final adjustment using the adjustable lower hinge (select models, if necessary):

> Open doors to 90 degrees. Lift the door while adjusting To raise the door: rotate

washer clockwise. To lower the door: rotate washer counterclockwise.





В

Raising/Lowering Door

C Remove Internal Shipping Materials

Frigidaire uses packing foam and tape to secure the internal parts of your refrigerator for shipping. Once the refrigerator is in position, you can remove this material.

Congratulations! You are ready to begin enjoying your new Frigidaire refrigerator.

 For important safety instructions and to learn how to operate your refrigerator, please read the entire Use & Care Guide.

· You may want to start with the "Normal Operating Sights & Sounds" section of the Guide to learn what to expect during typical operation.

Please register your product. You can register online at www.frigidaire.com or you can simply send in the Registration Card.

☑ Installation Check List

Ice Maker

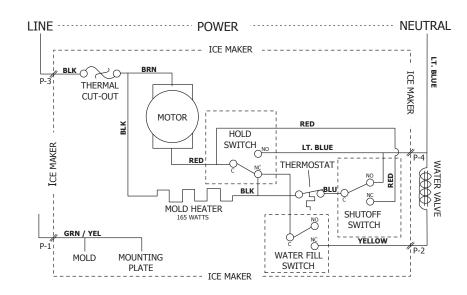
- □ House water supply connected to refrigerator
- □ No water leaks present at all connections \Box Ice Maker is turned ON.

- □ Toe grille is properly attached to refrigerator
- □ Cabinet is sitting solid on all corners

□ Refrigerator plugged in

- **Final Checks**
- □ Shipping material removed
- □ Fresh Food and Freezer temperatures set

PERFORMANCE		DAD & NO D		NGS AT 37°,	/0°
Type A with Run / Start Capacitor	65°F (18°	C) Ambient	90°F (32°C) Ambient		
Operating Time	90 to	100%	100%		
Freezer Temperature		o 2°F o -17°C)	-1° to 3°F (-18° to -16°C)		
Refrigerator Temperature		o 39°F o 4°C)	34° to 39°F (1° to 4°C)		
Low Side Pressure	-2 to 6 psig (-14 to 41 kPa)		-2 to 6 psig (-14 to 41 kPa)		
High Side Pressure (last 1/3 cycle)	85 to 105 psig (586 to 724 kPa)		120 to 135 psig (827 to 931 kPa)		
Wattage (last 1/3 cycle)	30 to 50		50 to 70		
Amps (running)	.4 to .8		.7 to .9		
Base Voltage 115 vac (127 vac max)					
	DEFROS	T SPECIFIC	ATIONS		
Cabinet Size:	Thermal Cutout		I I I		Defrost Thermistor Terminatior
27' & 28' SD, 22' CD	Cut-in	Cut-out	Watts	Ohms	Cut-out
	110°F (43.3°C)	135°F (57.2°C)	500	26.5	39°F (4°C)
Electronic Timer - (ADC) Defrost 24	minutes every (5-96 hours of co	mpressor run tim	ie.	
	CONDE	NSER FAN M	IOTOR		
Watts	RPM		Amps		
3.1	1100 CW Opposite Shaft		0.03 Running		
FF	REEZER ICE	MAKER SPE	CIFICATION	IS	
Electrical	115 vac (127 vac max)				
Thermostat	Opens at 48°F (9°C), Closes at 15° F (-9°C)				
	ater Voltage 115 vac				



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.

FREEZER ICE MAKER INFORMATION

(Where Applicable)

Test Cycling: Remove cover by inserting screwdriver in notch at bottom and prying cover from housing. Use screwdriver to rotate motor gear counterclockwise until holding switch circuit is completed. All components of ice maker should function to complete the cycle.

Water Fill Volume: The water fill adjustment screw will change the fill time. One full turn is equal to 20cc (.68 oz.). The correct fill is 102 to 130cc (3.4 to 4.3 oz.). When a water valve is replaced, the fill volume must be checked.

SERVICE DATA SHEET

A01544601

Activate:

Deactivate:

Tests marked with "*" m

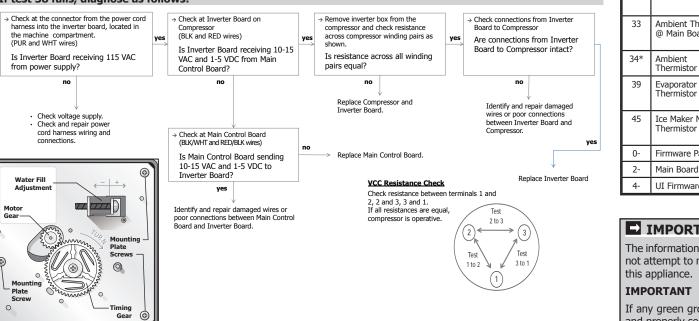
ICE & WATER - AUTOMATIC DEFROST BOTTOM FREEZER - R134a

IMPORTANT: PLEASE RETURN THIS SHEET TO ITS ORIGINAL LOCATION.

	ERF	ROR CODES	SPECIAL MODES			
Dis	play	.	Mada	Display		Activate/Deactivate
FZ	FZ FF	Interpretation	Mode	FZ	FF	(press for up to 10 sec. simultaneously)
	OP	Open FF Thermistor	Manual Defrost	d F		+ and - / same to deactivate
OP		Open FZ Thermistor	Display / Showroom 77 77		Λ and - / Power-on-Reset (POR)	
	SH	Shorted FF Thermistor	Sabbath	Sb	Sb	V and - / same to deactivate
SH		Shorted FZ Thermistor	System Diagnostic	No FF or FZ display, all UI LEDs on.		Λ and V/ + to deactivate
SY	CF	UI to Main Control Board communication failure; on start up	FFIM Diagnostic	Numerical display of first test		Λ and V together to activate / press and hold + to deactivate
SY	CE	UI to Main Control Board communication error; after a period in operation	 Notes: Always check for pin back-outs, pinched or damaged wires before replacing components. Determine whether failure is caused by the component, main control board or wiring. Contact TID before replacing main control board. 			
SY	EF	Evaporator Fan Failure	Refer to Service Manual for additional information.			

FRESH FOOD ICE MAKER DIAGNOSTIC MODE					
		erature pads for up to 10 sec. simultaneously. e forward or backward through tests.			
		Press + for up to 10 NOTE: Silence alarm) sec. FFIM Diagnostic Mode will automatically deactivate after 5 min. of inactivity. n.		
Test		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	55C Water Valve		Press Set	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 tray.	
57C	FTC Evaporator Fan (FFIM)		Press Set	"On" on FZ display when fan activated, "OFF" when deactivated.	
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. This test runs continuously until another test is selected.		
63C	63C Twist Tray		Press Set	Remove ice bucket. FZ display shows "1" and "GOOD".	

Variable Capacity Compressor (VCC) Diagnostics (select models) If test 38 fails, diagnose as follows:



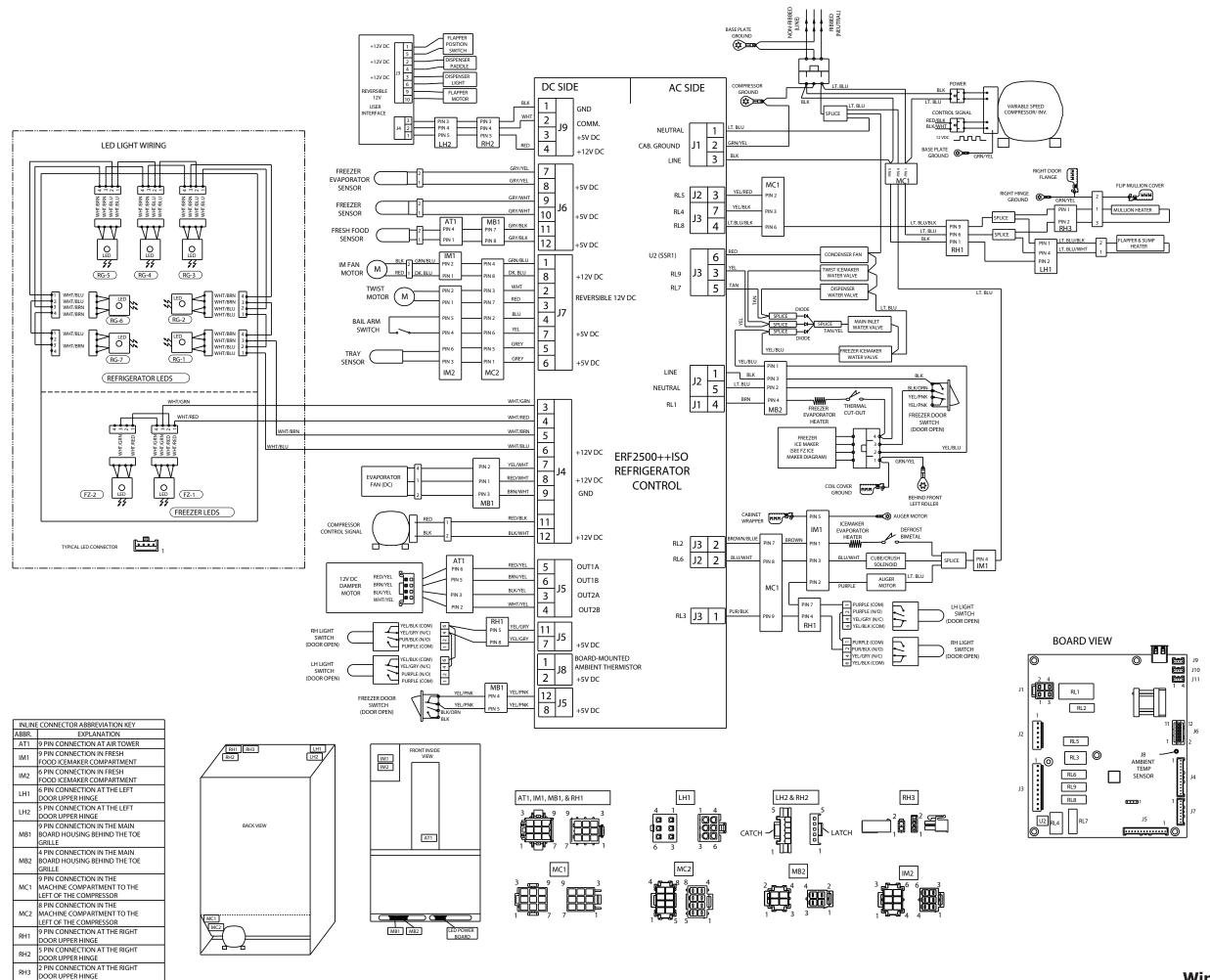
Tests displayed in diagno View UI display for "on," · Listen for operating sour Test First Screen Second Screen Third Screen 28 Dispenser Paddle 46 Humidity Sensor 47 Dispenser Pocket Heater Freezer Defrost 2 Heater FF Liaht 31 (Incandescent Mode Water Valve 8 (Dispenser) 9* F7 Light (Incandescent Mode 10 Auger Motor Cube/Crush 11 Solenoid VCC Condenser Fai 12 43 Anticondensation Heater 38* VCC Compressor FF Light (LED Mode 13* 15 Evaporator Fan 20* FZ Light (LED Mode 22 Damper 23 FF Door 24 FZ Door Ice Maker 26 Defrost Heater FF Thermistor 29 30 FZ Thermistor Ambient Thermisto @ Main Board Thermistor @UI Evaporator Ice Maker Mold Firmware Paramet Main Board Firmw UI Firmware **IMPORTANT SAFETY NOTE**

and properly secured.

	SYSTEM DIAGNOSTIC MODE					
	Press A and V for up to 10 sec. simultaneously. Press + to advance through tests.					
	Press + for up to 10 sec. Diagnostic Mode will automatically deactivate after 5 min. of inactivity. Note: Silence alarm.					
ostic " "off	ay not be applicable to this unit and will not be displayed in System Diagnostic Mode. Distic mode but not described below are for internal purposes only; advance through. "off," "CL," "OP," "SH," "LO," "HI" or numerical results of tests. ds; feel for heat or air flow as appropriate to determine results of tests.					
	To activate test: Passing result					
		All LED lights on UI illuminated.				
		All segments on UI temperature displays illuminated.				
		Blank UI display, no lights illuminated.				
	Press disp. paddle	"on" on UI when depressed; "off" when released.				
	Activates automatically	"OP" if open, "SH" if short. AC Heater System: Displays %RH. DC Heater System: "HI" - heater should be on. "Lo" - heater should be off. %RH is displayed when humidity is between "Lo" and "HI" values; heater could be on or off.				
	Press set	AC Heater System: "" ; test not available. DC Heater System: heater on when "on", off when "off".				
	Press set	Freezer defrost heater on when "on"; off when "off".				
els)	Press set	FF lights on when "on"; off when "off"				
	Press set	FF doors must be closed. Be prepared to collect water at dispenser. Water dispenses when "on"; stops when "off".				
els)	Press set	FZ lights on when "on", off when "off".				
	Press set	FF door must be closed. Motor running when "on"; motor stopped when "off".				
	Press set	FF door must be closed. Do not leave solenoid in activated state. Solenoid activated when "on"; deactivated when "off".				
an	Press set	Fan running when "on"; stopped when "off".				
	Press set	Flip mullion heater and dispenser pocket heater on when "on"; off when "off"				
	Press set	Compressor running when "on"; stopped when "off".				
els)	Press set	FF lights on when "on"; off when "off".				
	Press set	Stopped when "off". Listen for speed change from "LO" to "HI".				
els)	Press set	FZ lights on when "on", off when "off".				
	Press set	With inspection mirror, observe damper open when "OP"; closed when "CL".				
	Open/close FF door	"CL" on UI when door closed; "OP" when open.				
	Open/close FZ door	"CL" on UI when door closed; "OP" when open.				
	Activates automatically	Relay is activated automatically. If "CL" is shown, defrost limit switch is closed and heater should be heating up. If "OP" is shown, defrost limit switch is open and heater will not activate.				
	Activates automatically	UI shows temperature sensed by FF thermistor; pass if within 10°F of temperature measured with gauge at FF thermistor location. "OP-" if open; "SH-" if short.				
	Activates automatically	UI shows temperature sensed by FZ thermistor; pass if within 10°F of temperature measured with gauge at FZ thermistor location. "OP" if open; "SH" if short.				
or	Activates automatically	UI shows temperature sensed at main board; pass if within +20°F/-10°F of temperature measured with gauge at main board location. "OP" if open; "SH" if short.				
	Activates automatically	UI shows temperature sensed at UI; pass if within +20°F/-10°F of tem- perature measured with gauge at UI location. "OP" if open; "SH" if short.				
	Activates automatically	UI shows temperature sensed by evaporator thermistor; pass if within 10°F of temperature measured with gauge at evaporator thermistor location. "OP" if open; "SH" if short.				
	Activates automatically	UI shows temperature sensed at ice maker; pass if within +20°F/-10°F of temperature measured with gauge at ice maker mold. "OP" if open; "SH" if short.				
ters	Press set	Displays digit sequence; record.				
are	Press set	Displays digit sequence; record.				
	Press set	Displays digit sequence; record.				

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

If any green grounding wires are removed during servicing, they must be returned to their original position



POWER CORD