

***+4°, -20°, & -30°C Refrigerator/Freezer CPU & Power  
Supply Board Test***

<b>Product Serial # or model #</b>
<b>Revision Date: October 17, 2016</b>

1. Turn unit off. Then press and hold all three buttons while powering on the unit. Continue to hold all three buttons for 10 seconds then release. This will place boards into test mode.



Note: In test mode test number is designated by number 1-9 & Letters P, F, or U.

- P- Pass
- F- Failed
- U- User input required

2. The first test completed is on CPU board. If 0 P is seen on screen the internal CPU check passed.

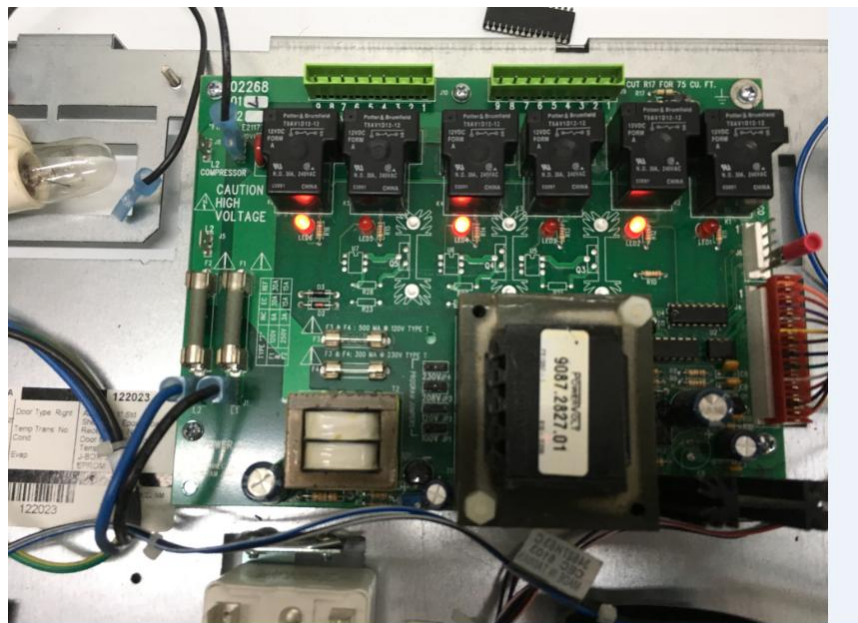


- Press scan button once to start power supply board test which will display 1 U.



- At this point look at power supply board to see which LEDs are lit. The following should be lit:

- LED 2- Def/Evap Pan heater
- LED 4- Fans
- LED 6- Compressor

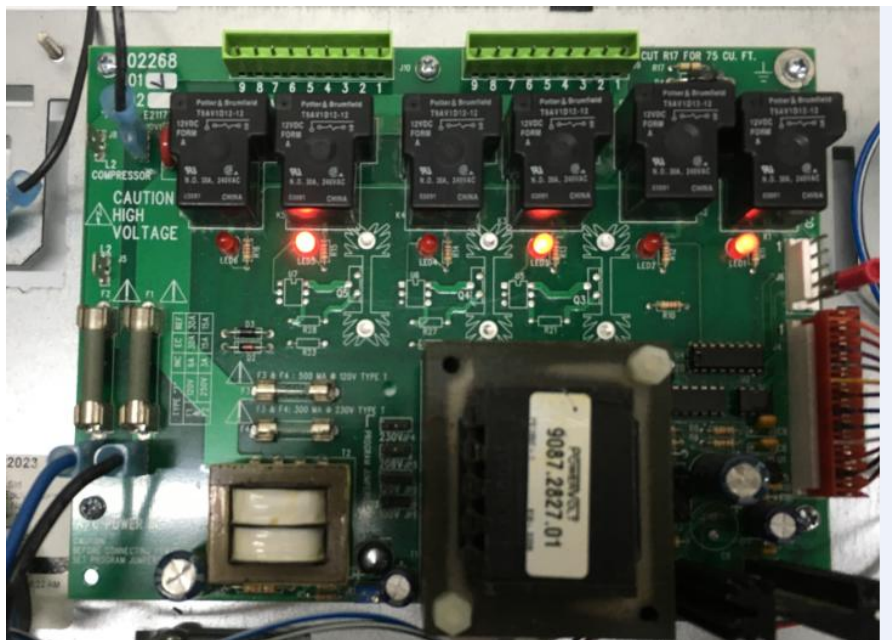


- Press scan button to continue power supply board check. The display will have 2 U indicating next test is being conducted.



- Check Power supply board LEDs. The following should be lit:

- LED 1- Aux/Power
- LED 3- Cond Pan heater
- LED 5- lights



- If the results match with indications above then internal tests have passed, but if there are variations in end findings and unit is working correctly then it's recommended to replace power supply board.

BB124	FRBB2304	IUF3023	LF2330	PPL5030	RX423
BB234	FRBB3004	IUF3030	LF3030	PR234	RX430
BB304	FRBB404	IUF3050	LF430	PR504	RX450
BB46	FRBB5004	JBB2304	LF5030	REB1204	TSFMS2305
BB504	FRCR2304	JBB3004	LR124	REB2304	TSFMS2320
CC234	FRCR3004	JBB3004	LR234	REB3004	UEN2320
CC304	FRCR4504	JBB404	LR304	REB404	UEN3020
CC454	FRCR5004	JBB5004	LR412	REB5004	UFP1230
CC504	FRCR7504	JLF1230	LR423	REC2304	UFP2330
CC754	FRGG404	JLF2330	LR430	REC3004	UFP3030
FC423	FRGG1204	JLF3030	LR44	REC4504	UFP430
FC430	FRGG2304	JLF430	LR445	REC5004	UFP5030
FC445	FRGG3004	JLF5030	LR450	REC7504	UGL2320
FC450	FRGG5004	JLR2304	LR454	REL1204	UGL3020
FC475	FRGG7504	JLR3004	LR46	REL2304	ULT1230
FFEN2320	FRGL1204	JLR3004	LR475	REL3004	ULT2330
FFEN3020	FRGL2304	JLR404	LR504	REL404	ULT3030
FFGL1230	FRGL3004	JLR5004	LR754	REL4504	ULT430
FFGL2320	FRGL404	JPL1230	LRG46	REL5004	ULT5030
FFGL2330	FRGL4504	JPL2330	LRG124	REL7504	UPF1230
FFGL3020	FRGL5004	JPL3030	LRG234	RFMS2305	UPF2330
FFGL3030	FRGL7504	JPL430	LRG304	RFMS2320	UPF3030
FFGL430	FRPH1204	JPL5030	LRG504	RGL404	UPF430
FFGL5030	FRPH2304	JPR2304	LRG754	RGL1204	UPF5030
FFMS2305	FRPH3004	JPR3004	PBB404	RGL2304	VCR2304
	FRPH5004	JPR5004	PBB1204	RGL3004	VCR3004

FFMS2320

FFPF1230

FFPF2330

FFPF3030

FFPF430

FFPF5030

FRBB1204

IEN2023

IEN2030

IGL2023

IGL2030

IUF3004

IUF3012

JRG404

JRG1204

JRG2304

JRG3004

JRG5004

LF1230

PBB2304

PBB3004

PBB5004

PPL1230

PPL2330

PPL3030

RGL5004

RGL7504

RPR1204

RPR2304

RPR3004

RPR5004

VCR4504

VCR5004