0020508090GE

⚠WARNING **Electrical Shock Hazard**

Death or serious injury can result from failure to follow these instructions.
- Service by a qualified service technician only.
- Disconnect power before servicing this product.
- Reconnect all grounding devices after service.
- Replace all parts and panels before operating.

⚠ADVERTENCIA **Riesgo de Descarga Eléctrica**

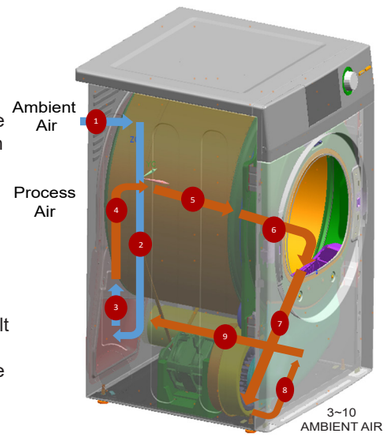
Usted puede morir o sufrir lesiones graves si no siguen estas instrucciones.
- El servicio técnico sólo debe ser realizado por un técnico calificado.
- Desconecte el suministro de corriente antes de realizar el servicio técnico.
- Luego del servicio técnico, vuelva a conectar todos los dispositivos de conexión a tierra.
- Reemplace todas las piezas y paneles antes de utilizar.

⚠AVERTISSEMENT **Risque de choc électrique**

Vous pouvez être tué ou gravement blessé si vous ne suivez pas ces instructions.
- Réparations seulement par un technicien qualifié.
- Débranchez l'alimentation électrique avant la réparation.
- Rebranchez tous les dispositifs de mise à la terre après la réparation.
- Remettez toutes les pièces et panneaux en place avant d'utiliser l'appareil.

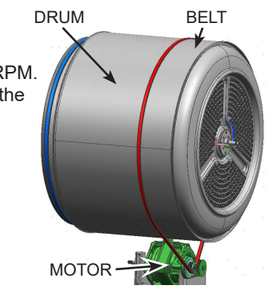
AIR FLOW AND SEALS

Proper air flow through the dryer is essential for normal operation of the temperature control and safety systems. Air is PULLED into the cabinet from rear and drawn up across the heaters located behind the drum. This hot air is PULLED through the drum rear, across the clothes load, through the lint trap and down the trap duct into the blower. From the blower the air is PUSHED out of the exhaust system. Any air leaks between the air inlet and the blower, such as lower drum front left or trap duct to cabinet front sealing, will result in improper temperatures. The air being pulled down the trap duct to the drum outlet thermostat will be cooler than normal, giving this thermostat a false indication (delayed or no-trip). Leaks ahead of the blower will also reduce the volume of air across the heaters causing hot spots and possible premature failure.



DRUM AND DRUM MOTOR

The drum motor spins at 1650 RPM and drives both fans and the drive belt. The drum rotates at 50 ± 2 RPM. The drum is spun clockwise by a pulley attached to the drum motor shaft.



CONSUMER FAULT CODE MODE

To ENTER Consumer Fault Code Mode: Within 30 seconds after power on, press and hold **My Cycle** and **Delay Dry** buttons, and turn knob around more than 6 clicks.
- Upon entering Consumer Fault Code Mode, the control will display the fault Code listed in table.
- Faults will only be displayed if they are active.
- Each press of the Start button will advance to the next fault.
- If there are no faults in the log, the control will display "E00" on the SSD.

CODE	DESCRIPTION	TRIGGER CONDITION	ACTION
E1	Inlet Thermistor Short	When the Inlet Thermistors readings exceed the minimum threshold (0.2V) for 5 minutes, an Inlet Thermistor Short fault is set.	Check resistance, connector and wiring. Replace thermistor if necessary.
E2	Outlet Thermistor Short	When the Outlet Thermistors readings exceed the minimum threshold (0.2V) for 5 minutes, an Outlet Thermistor Short fault is set.	Check resistance, connector and wiring. Replace thermistor if necessary.
E3	Inlet Thermistor Open	When the Inlet Thermistors readings exceed the maximum threshold (4.8V) for 5 minutes, an Inlet Thermistor Open fault is set.	Check resistance, connector and wiring. Replace thermistor if necessary.
E4	Outlet Thermistor Open	When the Outlet Thermistors readings exceed the maximum threshold (4.8V) for 5 minutes, an Outlet Thermistor Open fault is set.	Check resistance, connector and wiring. Replace thermistor if necessary.
E5	EEPROM CRC fault	Bad CRC (Cyclic Redundancy Check) detected when reading a page from EEPROM.	Check and replace user interface board if necessary.
E6	Stuck button	If a button is depressed for 1 minute, it will be logged as a stuck button.	Check Start and Power buttons. Check capacitance touch board. Replace user interface board if necessary.
E7	Mis-wired	L1 and N mis-wired (L1 and N AC input > 162V).	Check L1 and N AC voltage. L1 & N need to be rewired if necessary.
E8	Door latch stuck	Five cycles are run and door signal in the hardware door switch detection circuit has not opened.	If fault is not cleared after door open, check door switch, main board or harness. Replace main board if necessary.
E9	Door signal stuck	Five cycles are run and door signal in the hardware door switch detection circuit has not opened.	If fault is not cleared after door opening, check door switch, main board or harness. Replace main board if necessary.
E11	Heating fault	Within 15 minutes of the heating process, the temperature rise has not reached 122°F (50°C) and the minimum temperature difference is not more than 41°F (5°C) during this period.	Check heater 1 / 2 and heater input voltage. Check harness and connector. Replace main board if necessary.
E12	Communication fault	Three (3) communication failures between main and user interface boards.	Check harness, connector and DC input voltage to user interface board. Replace user interface or main boards if necessary.

SERVICE MODE TEST

How to ENTER into Service Mode and navigate from Standby state:
- Press **Damp Alert** and **Timed Dry** together and turn knob at least 6 clicks to enter Service Mode.
  - Rotating knob counter-clockwise (CCW) will decrease the test number in the display.
  - Rotating knob clockwise (CW) will increase the test number in the display.
- Once the desired test is highlighted, press **Start/Pause** to begin the test.
- Press **Power** during the test to exit the Service Mode.

SERVICE MODE TEST		SEQUENCE		NOTE
t01	Software version	Press Start/ Pause	Displays software version number.	"UI": Lasts for 1 second; "number": Lasts for 2 seconds; then loops
		Press/Hold Start/Pause	Power board software version number.	"Pr": Lasts for 1 second; "number": Lasts for 2 seconds; then loops
		Press Power	Returns to Service Mode.	– –
t02	Fault Codes	Press Start/ Pause	Displays fault codes.	– –
		Rotate Knob	Displays saved fault codes in sequence	
		Press/Hold Start/Pause	Clears highlighted fault code from the dryer.	
		Press Power	Returns to Service Mode.	
t03	User Interface test	Press Start/ Pause	All LEDs ON -> All LEDs OFF -> Display discrete LED -> Cycle display "0123", "1234", "2345", "3456", "4567", "5678", "6789".	– –
		Button presses	Press any button except Power. Will beep while buttons are pressed.	
		Press Power	Returns to Service Mode.	
t04	Door Switch test	Press Start/ Pause	Display will show "door" or "on".	"door": Door is open. "on": Door is closed.
		Press Power	Returns to Service Mode.	
t05	Dryer Motor test	Press Start/ Pause	Dryer motor will rotate.	"on": Motor rotates. "door": Door is open.
		Press Power	Returns to Service Mode.	
t06	Thermistor 2 and 1600W Heater test	Press Start/ Pause	Displays temperature and dryer motor will rotate.	The heater will be turned on for a maximum of 5 minutes
		Press Power	Returns to Service Mode.	
t07	Thermistor 1 and 700W Heater test	Press Start/ Pause	Displays temperature and dryer motor will rotate.	The heater will be turned on for a maximum of 5 minutes
		Press Power	Returns to Service Mode.	
t08	Moisture Sensor test	Press Start/ Pause	Displays the status of moisture sensor.	Touch the sensor with hand "1": Touched. "0": Not touched.
		Press Power	Returns to Service Mode.	
t09	– –	Press Power	Returns to Service Mode.	– –
t10	Condenser and Vented Dryer Software	Press Start/ Pause	Displays software version.	"1": Condenser dryer software. "2": Vented dryer software.
		Press Power	Returns to Service Mode.	

PUB NO. 31-3000088

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Rev. 0
GEA 11-18

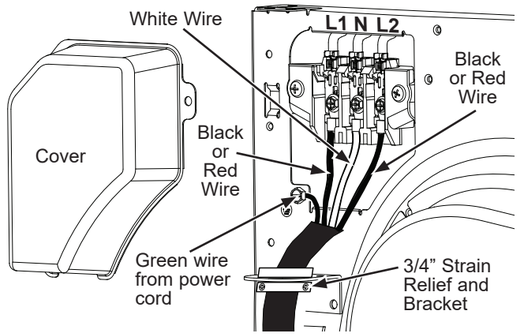
RESISTANCE VALUE FOR INLET THERMISTOR		
K OHMS	°F	°C
11.66~12.58	140	60
24.78~27.15	104	40
57.30~63.85	68	20

RESISTANCE VALUE FOR OUTLET THERMISTOR		
K OHMS	°F	°C
2.41~2.57	140	60
5.22~5.43	104	40
12.32~12.66	68	20

COMPONENT	RESISTANCE(Ω)
Motor (CW)	25.3 ± 7%
Motor (CCW)	25.1 ± 7%
Heater1 (1600W)	34.3 ± 3%
Heater2 (700W)	75.08 ± 3%

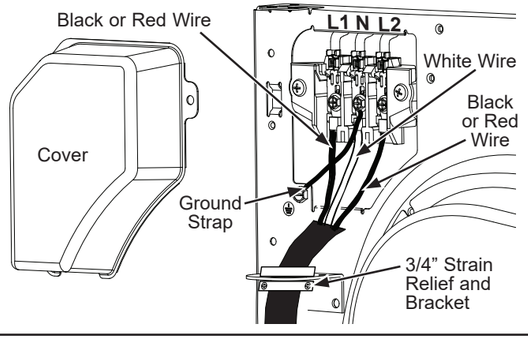
THERMOSTAT	TEMP. °F		TEMP. °C	
	OPEN	CLOSE	OPEN	CLOSE
Limit (36FXE164)	347 ± 16.2	N/A	175 ± 9	N/A
Auto Reset (Temperature Protection Circuit)	284 ± 6.3	257 ± 9	140 ± 3.5	125 ± 5

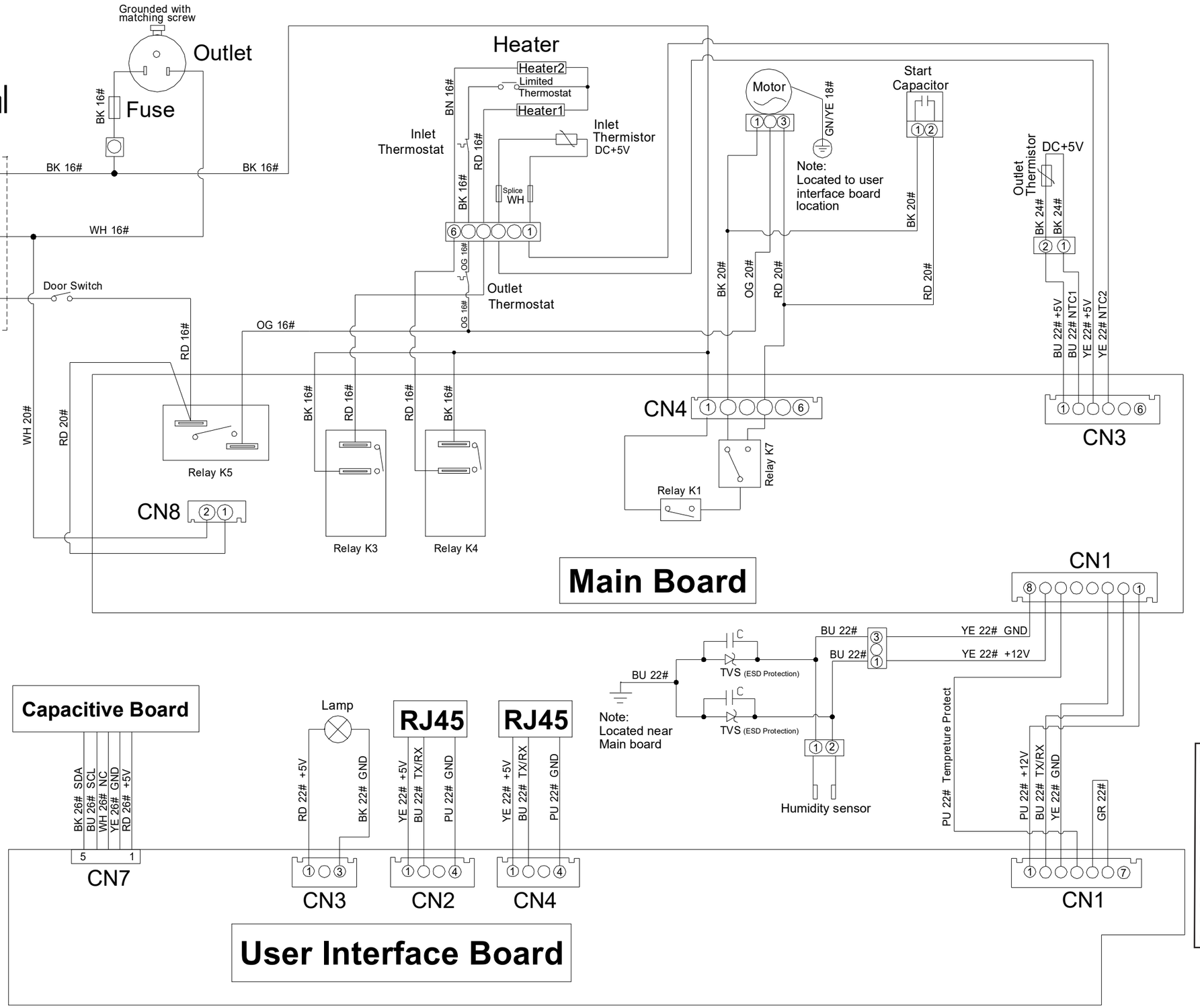
4-WIRE CONNECTION (MUST BE USED FOR MOBILE HOME INSTALLATION) FOR USA AND CANADA



3-WIRE CONNECTION FOR USA

If required, by local code, install external ground (not provided) to grounded metal, cold water pipe, or other established ground determined by a qualified electrician.





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