

DANGER: DISCONNECT ELECTRIC POWER SUPPLY BEFORE SERVICING

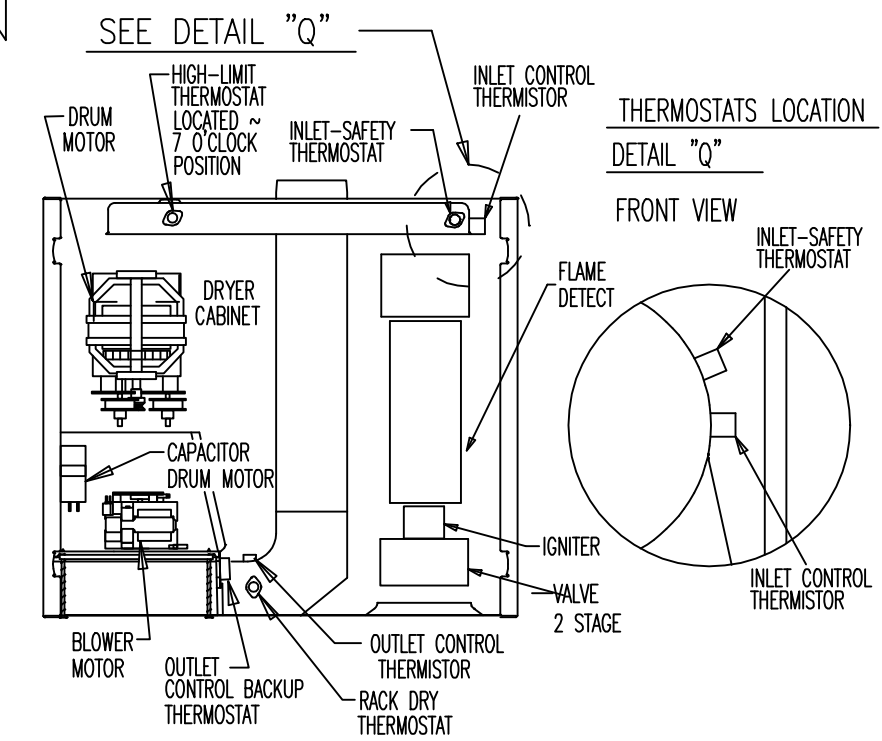
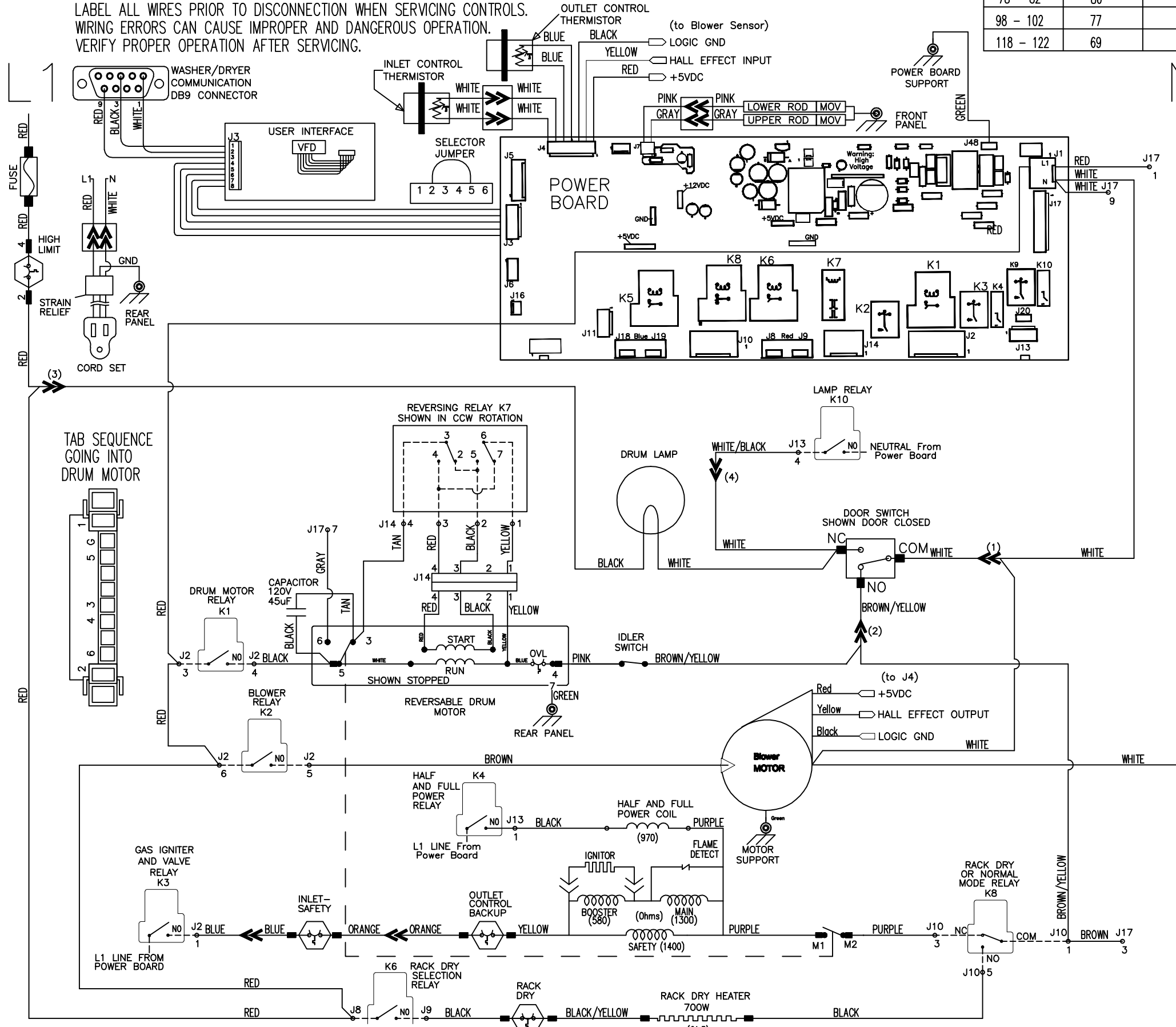
SCHEMATIC CAUTION

LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION. VERIFY PROPER OPERATION AFTER SERVICING.

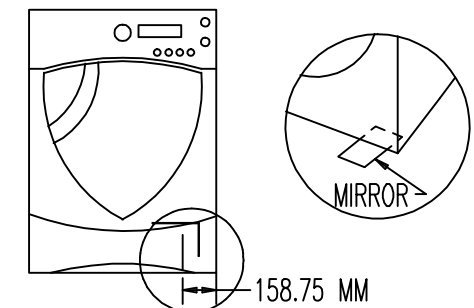
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THERMISTORS RESISTANCE VALUES AT	TEMPERATURE °F		TEMPERATURE °C	
	K OHMS	°F	°C	
78 - 82	86	30		
98 - 102	77	25		
118 - 122	69	21		

THERMOSTAT	TEMPERATURE °F		TEMPERATURE °C	
	OPEN	CLOSE	OPEN	CLOSE
OUTLET CONTROL BACKUP	165 ± 5	155 ± 5	74 ± 3	68 ± 3
HIGH-LIMIT	180 ± 5	165 ± 7	82 ± 3	74 ± 4
INLET-SAFETY	300 ± 8	260 ± 12	149 ± 4	127 ± 7
RACK DRY	130 ± 5	115 ± 6	54 ± 3	46 ± 3



WHEN SERVICING THE DRYER



THE IGNITER FUNCTIONING AND THE FLAME CAN BE SEEN THROUGH A VIEWER HOLE LOCATED IN THE BASE OF THE DRYER. USE A MIRROR AS SHOWN IN THESE FIGURES.

- LEGEND:**
- POINT TO POINT TERMINALS
 - GANGED CENTRIFUGAL SWITCH
 - CONNECTOR JUNCTION
 - ⊙ SCREWS (BONDING AND GROUNDING)

NOTE: ALL RELAYS SHOWN IN POSITION WITH DRYER IN POWER OFF STATE.

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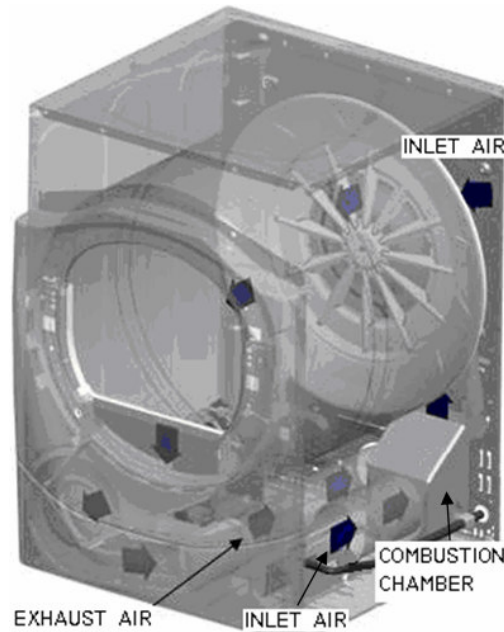
E-P003-E-P003-E

IMPORTANT SAFETY NOTICE

This information is intended for use by individuals possessing adequate background of electrical, electronic and mechanical experience. Any attempt to repair a major appliance may result in personal injury and property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

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. A portion of this air is heated by the gas burner in the combustion chamber and is pulled up the rear duct into the diffuser. The remainder of this air enters the diffuser directly through the vents and is mixed with the heated air. 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 felt 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 combustion chamber causing hot spots and possible premature failure.

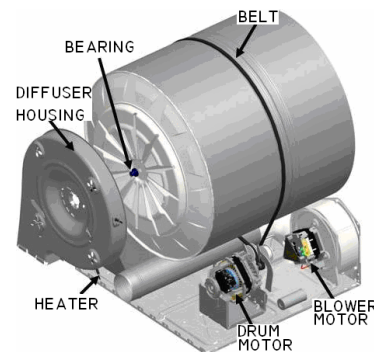
TRAP DUCT SEALING

To inspect the trap duct for proper sealing, remove the lint filter and look down into the duct. With a light examine the trap duct on all sides where it meets the dryer front for voids in sealing. Leaks may be sealed with permagum.

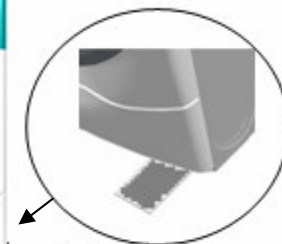
- WHEN FLEXIBLE DUCT IS USED, WE STRONGLY RECOMMEND METALLIC FLEXIBLE DUCT
- EXHAUST DUCT MUST BE 100 mm (4 INCH) DIAMETER
- FOR SPECIFIC EXHAUST SPECIFICATION, REFER TO INSTALLATION INSTRUCTION SUPPLIED WITH YOUR DRYER

DRIVE BELT

The drum is rotated clockwise and counterclockwise, as viewed from the front, at a speed of 47-51 RPM. Belt tension is maintained by a spring loaded dual idler pulley system and driven by a pulley attached to the drum motor shaft.

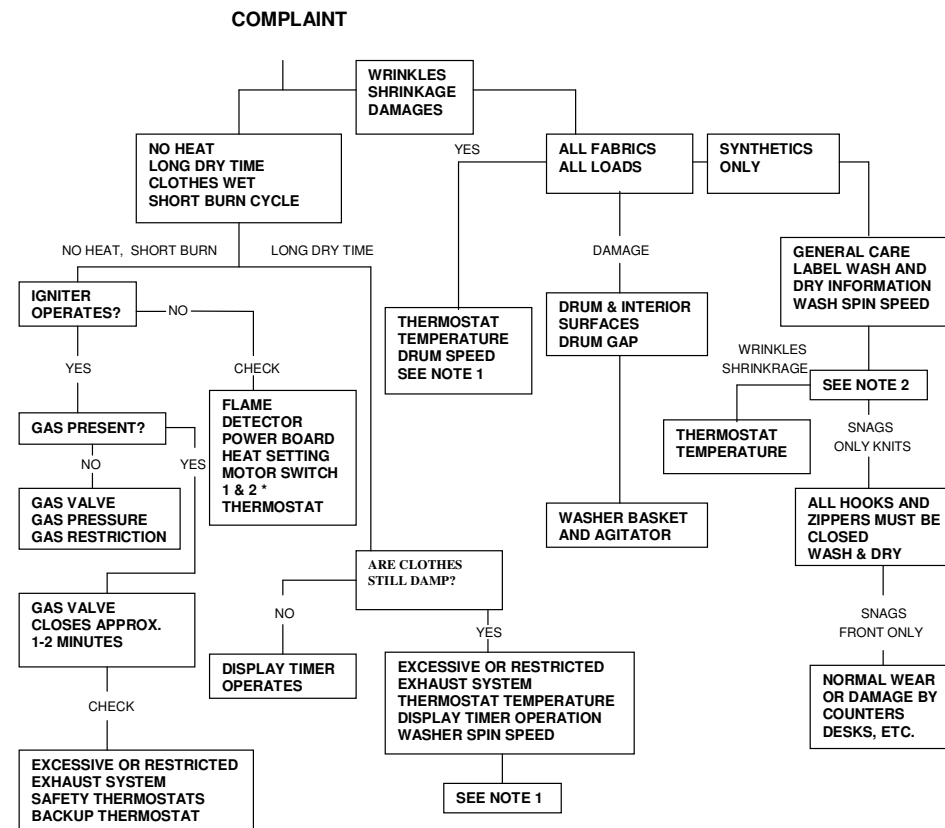


WHEN SERVICING THE DRYER



The igniter functioning and the flame can be seen through a viewer hole located in the base of the dryer. Use a mirror as shown in these figures.

GENERAL TROUBLESHOOTING GUIDE; GAS DRYER



* SEE SCHEMATIC FOR PROPER SWITCH CONNECTIONS

NOTES:

1. Other factors contributing to long dry times, or clothes condition: load size, large bulky items, ambient temp., room size (if not exhausted outdoor), washer spin speed, washer rinse temperature, gas supply (restrictions), gas pressure.
2. Small loads: Less than 3 lbs. if not treated with destaticizer could develop a static charge if over dried and cling to drum surface (no tumble) causing wrinkles, shrinkage, or melting. Use a fabric softener (washer or dryer) or add 2 large bath towels to act as a buffer when drying.

SERVICE PARTS & LUBRICATION

Motor.....	120-60HZ (WE17M44)
Drive Belt.....	WE12M30
Idler Pulley.....	WE12M8
Drum Bearing Sleeve.....	WE1M462
Blower Motor.....	120-60HZ (WE17M45)
Grease • Idler Bearings.....	WE25X46

SERVICE NOTE:

Some replacement parts may have more terminal connections than the original part. Wire the new part to the same numbered terminals as the original part and disregard the unused terminals unless a special instruction is provided.

IMPORTANT

Reconnect all earthing devices. All parts of this appliance capable of conducting electrical current are earthed. If earthing wires, screws, straps clips, nuts or washers used to complete a path to earth are removed for service, they must be returned to their original position and properly fastened.

SERVICE MODE TEST

How to enter to service mode and navigate:

- From Idle state, Press and alternate between the 'My cycle' and 'Delay Start' buttons to enter service mode.
- Upon entering the service mode, the Control shall be in test selection mode and display the list of tests on the VFD. Scroll through the list of tests by using the up or down cursor arrows. Selection shall be represented by bold text.
- Once the desired test is highlighted, press 'Enter' to begin the test.
- During a test, press "Power" to terminate it and go back to test selection mode.
- Press 'Power' during the test selection mode to exit the Service mode.

SERVICE MODE TEST	SEQUENCE
t01 Configure UI	enter displays "configure UI" power returns to service mode screen
t02 Error Codes	enter displays error codes Start/pause clear highlighted error code from machine power returns to service mode screen
t03 Version Info	enter displays the current version of software power returns to service mode screen
t04 EEPROM Check	enter Check EEPROM power returns to service mode screen
t05 UI Test	enter LEDs light up power returns to service mode screen
t06 Key Continuity	enter to begin testing any button but Power hear beep as button is pressed power returns to service mode screen
t07 Outlet Thermistor	enter displays outlet thermistor temperature Start/pause Drum tumbles and change direction every 30 sec. power returns to service mode screen
t08 Inlet Thermistor	enter displays inlet thermistor temperature Start/pause Drum tumbles and change direction every 30 sec. power returns to service mode screen
t09 Moisture Sensor	enter displays moisture sensors reading power returns to service mode screen
t10 Blower / Exhaust	enter blower turns on and UI displays rpm power returns to service mode screen
t11 Dryer Rack	enter displays dryer rack temperature power returns to service mode screen

*For the last two tests the blower fan is active

Error codes

Error Code	Description
E1-Interface EEPROM	Reading or writing improperly. Replace UI board.
E101-Power EEPROM	Reading or writing improperly. Replace power board.
E2-Inlet Short	Inlet thermistor shorted, check and replace if necessary.
E4-Inlet Open	Inlet thermistor open, check and replace if necessary.
E3-Outlet Short	Inlet thermistor shorted, check and replace if necessary.
E5-Outlet Open	Inlet thermistor open, check and replace if necessary.
E61-Check Electrical Connection	Input voltage too high, please check power connections.
E81-Power Model	No model select connector detected, check model selector on power board.
E10-Blower Motor	Blower is not rotating properly. Please check.
E11-Blocked Airflow	Check ventilation system.
E12-Drum Motor	Motor is not rotating properly or centrifugal switch is bad. Please check.
E16-LIN Comm Fail	There is a problem with the Communication between the Machine Control and the User Interface Control.
E17-VFD Communication Error	There is a problem with the Serial communication interface between the UI and VFD.
E18 - Stuck Button	Stuck Keys. Please check