Service Bulletin 4812 711 40480

AUTHOR	**Luigina Rinaldi**
Last Update	**01/07/19**
VERSION	**2.0**
TITLE	**AUTO TEST - EXIT FROM FACTORY TEST- FAULTS TABLE**
Technical Failure Code	

Auto Test - SALIDA de pruebas de fábrica - Tabla de Fallos Centaur P1

TÍTULO:

Prueba automática: prueba de salida de fábrica: tabla de fallas para Centaur P1

Secuencia

1) Procedimiento de inicio del programa de prueba

	Key combination or sequence	Method
ENTRY	Engage the Standby state (if applicable) or plug-in the appliance Press key SWx (1st sequence) Press key SWy (1st sequence) Press key SWx (2nd sequence) Press key SWy (2nd sequence) Press key SWx (3rd sequence) Press key SWy (3rd sequence) The sequence must be completed within 30sec since the standby activation (if applicable) or the plug-in	Sequence
EXIT	Press key SWy	Long Press (5sec)
	POR	-

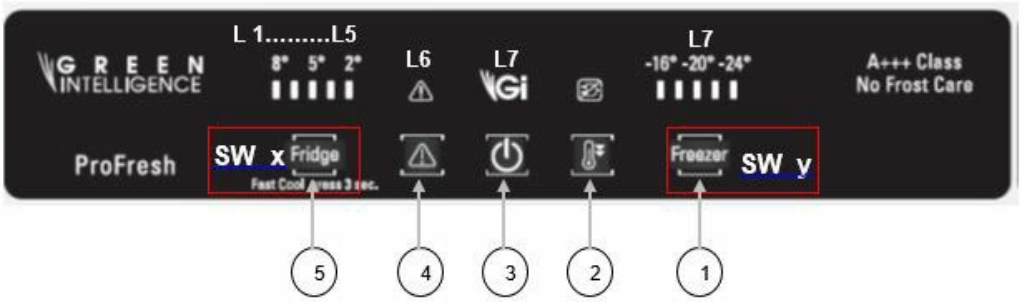
La entrada al modo de servicio se logra presionando individualmente las teclas N.2 en una secuencia de SWx (primera tecla), SWy (segunda tecla) y luego repitiendo esta secuencia seleccionada dos veces más.

Nota: La secuencia debe completarse dentro de los 30 segundos desde la desactivación del modo de espera (si corresponde) o el complemento

Siguiendo el ejemplo para diferentes tableros de visualización

Pantalla 1 - UF70 Centauro P1

Pantalla 2 - CB60/Catwalk DC A+++ FQ Centaur P1



Pantalla 3 - Congelador instantáneo UF60 Centaur P1, variante 1

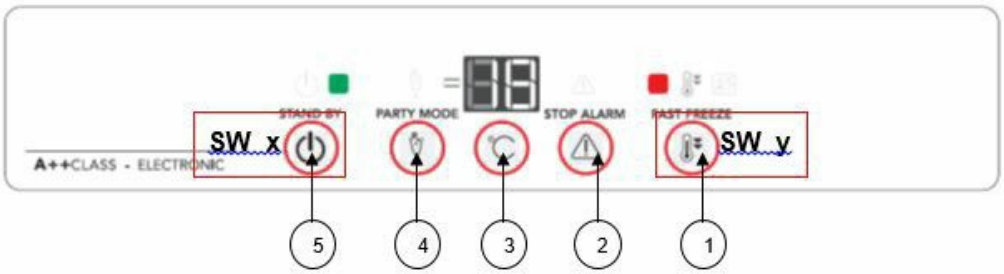
Pantalla 4 - Congelador instantáneo UF60 Centaur P1, variante 2

Pantalla 5 - UF60 Centaur P1 variante 3

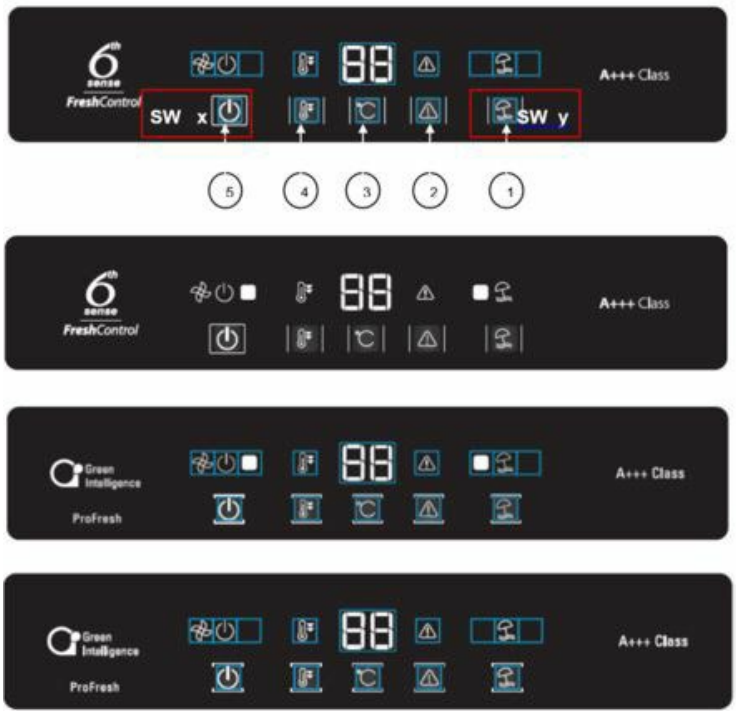
Pantalla 6 - UF60 Centaur P1 variante 4

Pantalla 7 - UF60 Centaur P1 variante 5

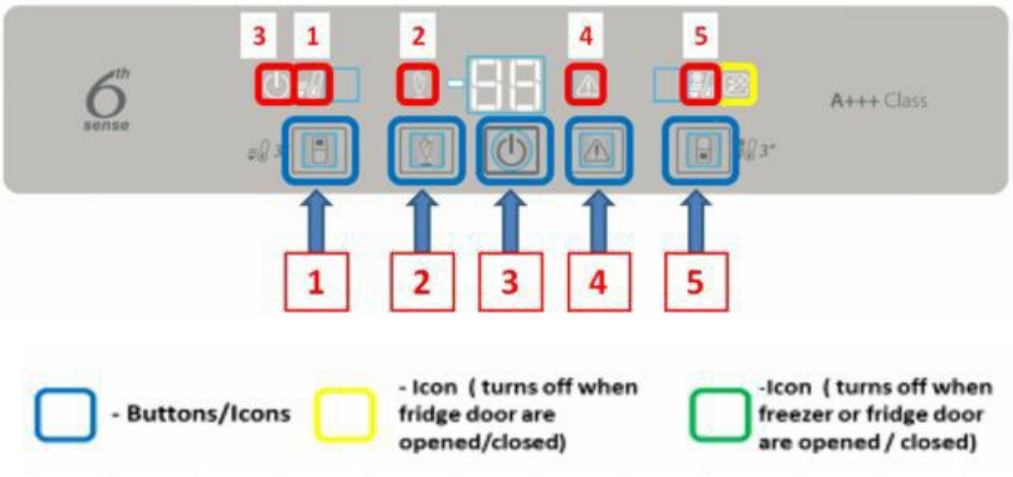
Pantalla 7 - UF60 Centaur P1 variante 6



Pantalla 8 - CAB60 Centauro P1



Display 9 - Centaur Integrated Tactile P1



---

2) SALIDA DE LA PRUEBA DE FÁBRICA DESPUÉS DEL REEMPLAZO DE LA(S) TARJETA(S)

El boletín de servicio describirá el procedimiento de salida del modo de prueba. Después de reemplazar la placa principal, es posible que deba seguir este procedimiento para iniciar el producto en funcionamiento normal.

Después de un reemplazo de placa, siga los pasos a continuación:

1. Conecte el aparato con todas las puertas cerradas y espere 5 segundos:

- en caso de falla, el código de falla se muestra de acuerdo con la tabla de fallas

- si no hay fallas, la placa encenderá todos los LED.

NOTA: En el producto con electroválvula, la electroválvula se acciona de forma continua durante 3 segundos y luego todos los LED comenzarán a parpadear.

2. Abra la puerta del refrigerador.

3. Presione los siguientes botones al mismo tiempo durante 5 segundos:

- Standby button 

- Alarm button 

Por favor: si no hay un botón de alarma, presione solo el botón de stand by.

---

1) FAULTS TABLE

Failure Code value	Failure Code	Failure Type	Sentence on SAM display
0x01	2-1	Key switch stuck closed for >30sec (2-1)	Key stuck - failure due to overtime (more then 30) pressed any button. Switch OFF then switch ON appliance Release pressed button **Exception:** When button was pressed more then 30sec. and black out supply occur press and release chosen button after power supply back.). Detailed information check in failure tree tab tab 2-1.
0x02	2-1	Over temperature alarm (2-2)	Check if gasket of freezer door is aligned with cavity. Verify if detailed components working :1)compressor ,2)freezer motor fan,3)freezer sensor,4) switch on User Interface to reset buzzer of this alarm. Replace failure component if is broken. Detailed information check in failure tree tab 2-2.
0x03	2-3	Long black out alarm (2-3)	Reset this alarm by dedicated pushbutton Change User interface if this alarm is not possible to remove. Detailed information check in failure tree tab 2-3.
0x04	2-4	Door alarm (2-4)	First check mechanical switch issue or magneto resistor issue. Detailed information check in failure tree tab 2-4 & 17
0x05	3-1	Fridge evaporator sensor issue (3-1)	Fridge evaporator NTC sensor error First check probe connection, if ok disconnect the probe and measure its resistance (reasonable"? Ex. 8,7kΩ @ 0°C ambient temperature). If value is in range change main board. Detailed information check in failure tree tab 3-1
0x06	3-2	Fridge ambient sensor issue (3-2)	Fridge ambient NTC sensor error First check probe connection, if ok disconnect the probe and measure its resistance (reasonable"? Ex. 8,7kΩ @ 0°C ambient temperature). If value is in range change main board. Detailed information check in failure tree tab 3-2
0x07	3-3	Freezer ambient sensor issue (3-3)	Freezer ambient NTC sensor error First check probe connection, if ok disconnect the probe and measure its resistance (reasonable"? Ex. 8,7kΩ @ 0°C ambient temperature). If value is in range change main board. Detailed information check in failure tree tab 3-3.
0x08	3-4	Freezer defrost sensor issue (3-4)	Freezer defrost NTC sensor error First check probe connection, if ok disconnect the probe and measure its resistance (reasonable"? Ex. 8,7kΩ @ 0°C ambient temperature). If value is in range change main board. Detailed information check in failure tree tab 3-4
0x09	3-5	Active0° compartment sensor issue (3-5)	0° compartment NTC sensor error First check probe connection, if ok disconnect the probe and measure its resistance (reasonable"? Ex. 8,7kΩ @ 0°C ambient temperature). If value is in range change main board. Detailed information check in failure tree tab 3-5
0x0A	3-6	User Interface external sensor issue (3-6)	User Interface external sensor error First check probe connection, if ok disconnect the probe and measure its resistance (reasonable"? Ex. 8,7kΩ @ 0°C ambient temperature). If value is in range change main board. Detailed information check in failure tree tab 3-6
0x0B	6-1	Communication failure (6-1)	Communication failure Verify connections between User Interface & main board refer to electric scheme. Check continuity wires between User Interface and main board. Reprogram main board Detailed information find in failure tree tab 6-1.
0x0C	6-2	Software issue between boards (6-2)	Replace both board
0x0D	6-3	Communication overload (6-3)	Communication error Verify connections between User Interface & main board refer to electric scheme. Check continuity wires between User Interface and main board. Reprogram main board Detailed information find in failure tree tab 6-1.
0x0E	7-1	No communication between ECM (Wi-Fi module) & User Interface	No communication between ECM (Wi-Fi module) & User Interface error- verify if connections between User Interface & ECM (Wi-Fi module)