

Modern Burner Unit...

IF YOU CAN'T TAKE THE HEAT...

THIS STEAK IS RAW!

THE FLAME KEEPS GOING OUT!

MOO-O-O!

If you've ever worked inside a field kitchen, you know how hot it can get. A combination of summer sun and lots of cooking can make the kitchen a sweltering furnace, with the heat sometimes topping 120°F.

These high temperatures can play havoc with older versions of the modern burner unit (MBU) or MBUs that haven't been upgraded by MWO 7310-281-55-1. They can cause the flame sensor to fail. You need to replace the original sensor with an upgraded version that can withstand high kitchen temperatures.

The NSN for the flame sensor hasn't changed. It's still NSN 7310-01-462-4918. When you use this NSN to order, you'll get the upgraded sensor.

HERE'S HOW TO TELL IF YOU HAVE A BAD FLAME SENSOR...

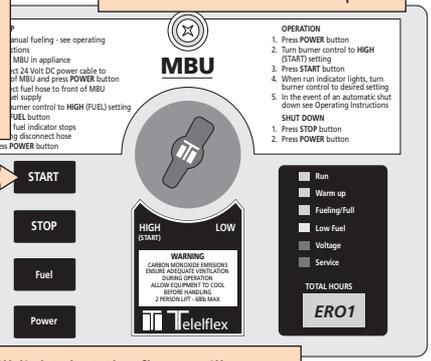
1. After running for 45 minutes or so in the heat, the MBU suddenly shuts down. Error code **ER01** appears on the TOTAL HOURS display.

2. Try to restart by pressing the MBU's START button.

3. At first the burner will light, but the flame will go out within eight seconds.

4. Repeated tries at starting the MBU get the same result.

Flame sensors may fail on MBUs with this version of control panel

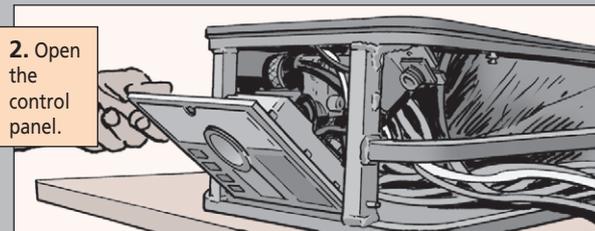


AND HERE'S HOW TO REPLACE THE ORIGINAL FLAME SENSOR WITH THE UPGRADED ONE...

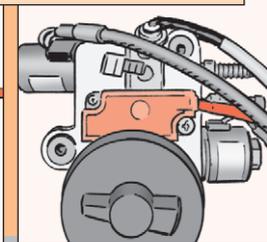
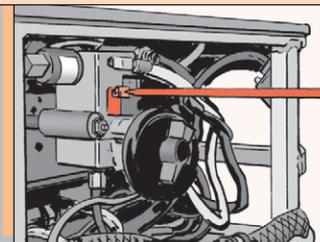


1. Cut off power to the MBU. Make sure the MBU is cool.

2. Open the control panel.

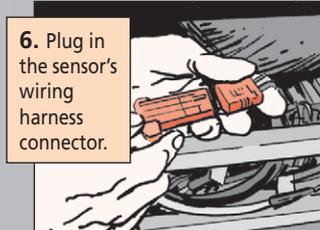


3. Using a cross tip screwdriver, remove the two screws and lock-washers holding the flame sensor to the fuel delivery block.



4. Unplug the sensor's wiring harness connector.
5. Install the replacement sensor on the fuel delivery block. Tighten the two screws and lock washers.

6. Plug in the sensor's wiring harness connector.



7. Close the control panel.

FOR MORE ON TESTING AND REPLACING THE FLAME SENSOR, SEE WP 0025 00-20 IN TM 10-7310-281-13&P.



HAS YOUR MBU HAD MWO 10-7310-281-55-1 APPLIED TO IT?

YEP!

NEW FLAME SENSOR

THEN DON'T BOTHER TO REPLACE THE FLAME SENSOR. THE MWO ALREADY INCLUDES AN UPGRADED SENSOR.