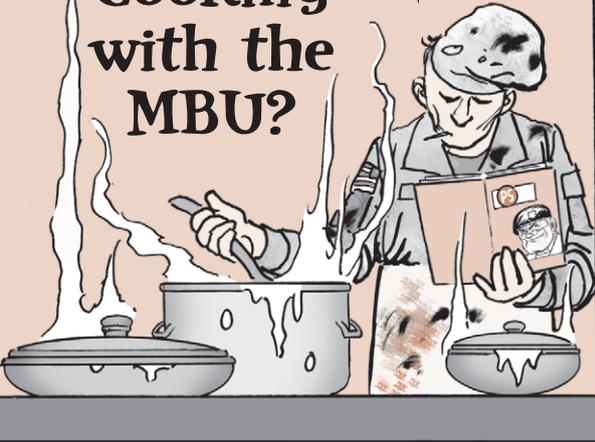


Modern Burner Unit...

What's Cooking with the MBU?



MBU UPGRADE? HUH. I DIDN'T KNOW THERE WAS AN UP-GRADE.

HEY, CHARLIE! DIDJA KNOW WE'VE BEEN COOKING WITH AN OUTDATED MBU?



OUTDATED!? OH, COME ON! WHEN ARE WE GONNA GET THE UPGRADE?



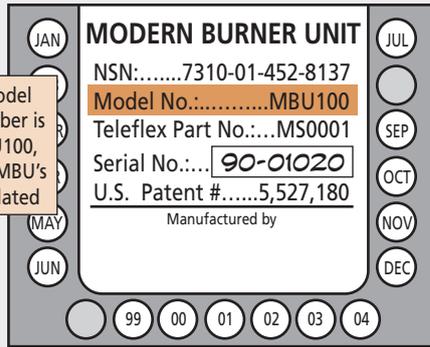
THAT EXPLAINS THE LOUSY FOOD.

TASTES LIKE ITS BURNT!

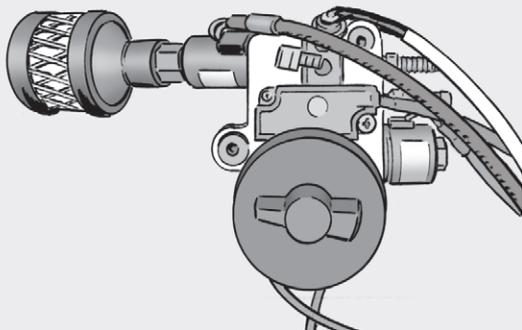
Chances are, you're using the modern burner unit (MBU) as the heat source for the griddles, ranges or cooking racks in your field kitchen. So, before you flip another burger or barbeque another chicken leg, take a look at the MBU's data plate. If the NSN is 7310-01-452-8137 and the model number is MBU100, you're cooking with an outdated model.

You need the contractor-applied modification work order (MWO) 10-7310-281-55-1 for your MBU. The MWO removes the fuel delivery block and replaces it with an upgraded one.

If model number is MBU100, the MBU's outdated



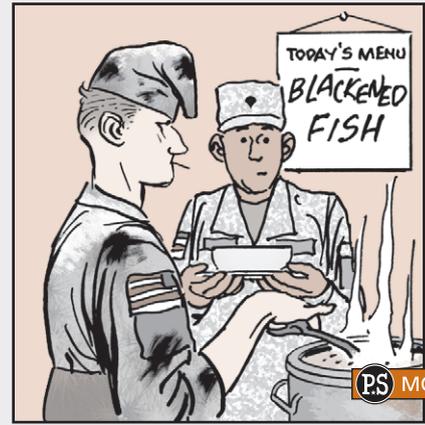
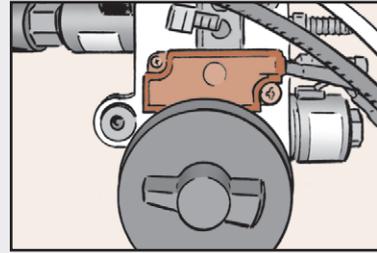
MWO upgrades fuel delivery block



Why upgrade the fuel delivery block? Because the current block in the MBU100 model supports an adjustable heat output ranging from 22,000 to 47,000 BTUs per hour. When you use the MBU100 on a serving line to keep food warm, it burns too hot—even at its lowest setting. Food gets scorched.

The upgraded fuel delivery block supports a heat output with a wider range, from 11,000 to 53,500 BTUs per hour. That means you can adjust the MBU for lower heat and not burn your food.

The upgraded block will keep the same NSN, 7310-01-462-4905. The block includes an upgraded flame sensor that can operate at higher temperatures.



PS MORE

After the contractor applies the MWO, the MBU will get a new NSN, model number and part number. The data plate will reflect those changes. Here are the new numbers:

MODERN BURNER UNIT
 NSN:.....7310-01-507-9310
 MODEL No:.....MBU103
 TELEFLEX PART No:.....MS0003

The contractor will also change the decals on the control panel. One decal will identify the equipment as the MBU V3. Another decal underneath the control knob will indicate the setting for refueling.

FUELING - DO NOT USE GASOLINE
 For manual fueling - see operating instructions

1. Install MBU in appliance
2. Connect 24 Volt DC power cable to front of MBU and press **POWER** button
3. Connect fuel hose to front of MBU and fuel supply
4. Turn burner control to **HIGH (FUEL)** setting
5. Press **FUEL** button
6. When fuel indicator stops flashing disconnect hose
7. Press **POWER** button

OPERATION

1. Press **POWER** button
2. Turn burner control to **HIGH (START)** setting
3. Press **START** button
4. When run indicator lights, turn burner control to desired setting
5. In the event of an automatic shut down see Operating Instructions

Shut Down

1. Press **STOP** button
2. Press **POWER** button

MBU V3

HIGH (START) (FUEL) **ULTRA LOW**

WARNING
 CARBON MONOXIDE EMISSIONS
 ENSURE ADEQUATE VENTILATION
 DURING OPERATION
 ALLOW EQUIPMENT TO COOL
 BEFORE HANDLING
 2 PERSON LIFT - 600 LB MAX

START
STOP
Fuel
Power

Run
 Warm up
 Fueling/F
 Low Fuel
 Voltage
 Service

TOTAL HOU

MBUs now in production include the upgraded fuel delivery block and flame sensor. They also feature the new decals and the new NSN, model number and part number.

HERE'S WHAT THE MBU USER NEEDS TO KNOW ABOUT GETTING THE MWO APPLIED...



A contractor will apply the MWO at military installations. The U.S. Army Tank-automotive and Armaments Command (TACOM) MWO office will notify users, through your base or facility command, when the contractor is coming to your area.

The contractor has completed more than 14,000 upgrades, and the effort should be completed by the end of 2006.

If you don't hear from your command, or if you suspect you've missed the contractor's visit, contact your unit MWO coordinator. If you don't have an MWO coordinator, contact the MBU project officer, Jude Jordan by email:

jude.jordan@us.army.mil

or by phone DSN 256-4841, (508) 233-4841.

