

Modern Burner Unit...

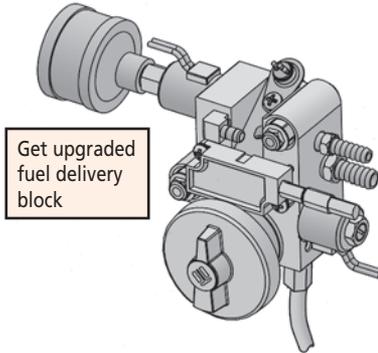
# UPGRADE KEEPS FOOD FROM BURNING



Are you using the modern burner unit (MBU) to heat the griddles, ranges or cooking racks in your field kitchen? If so, 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 If the NSN is 7310-01-452-8137 and the model number is MBU100, you're cooking with an outdated V1 model.

Don't turn in your outdated MBU, though. Instead, upgrade it to a V3 model by removing the current fuel delivery block and replacing it with an upgraded block, NSN 7310-01-462-4905. The upgraded block has the same NSN as the current block. When you order using this NSN, you'll get the upgraded block.

To remove and replace the fuel delivery block, follow the procedures in WP 0019 of TM 10-7310-281-13&P (May 10).



## Why the Upgrade?

The MBU needs the upgrade because the current block in the MBU100 model supports an adjustable heat output ranging from 22,000 to 47,000 BTUs per hour. That means 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.

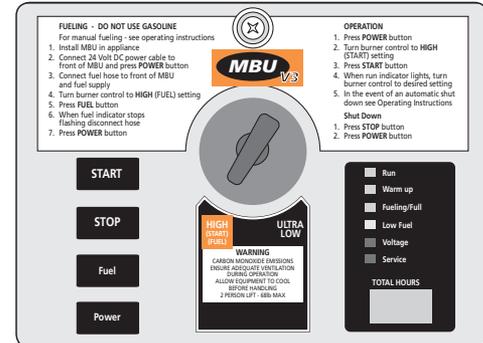
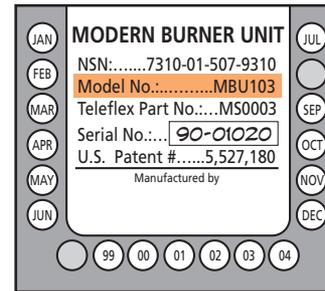
The block includes an upgraded flame sensor that can operate at higher temperatures.



### Three Decals

WHEN YOU ORDER THE UPGRADED FUEL DELIVERY BLOCK, YOU ALSO GET THREE DECALS. ATTACH THE DECALS TO THE MBU AFTER YOU'VE INSTALLED THE UPGRADED BLOCK.

- The first decal goes on the MBU's data plate. It lists a new NSN, model number and part number for the MBU. The new numbers show the upgraded fuel delivery block has been installed.
- The second decal goes on the control panel and identifies the equipment as the MBU V3.
- The third decal goes underneath the control knob and shows an ULTRA LOW fuel setting.



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

NSN 7310-01-507-9310  
Model MBU-V3  
Part number MS0003

Questions? Contact PM Force Sustaining Systems' Benjamin Campbell at DSN 256-4388 or (508) 233-4388. Or email: [benjamin.j.campbell26.civ@mail.mil](mailto:benjamin.j.campbell26.civ@mail.mil)