

# PMB

**POWERED MULTI-FUEL BURNER**



*Safe and reliable replacement for the Gasoline M-2 Burner*

*Clean and odor-free combustion with safe #2 Diesel Fuel, or JP-8*

*Operates on a safe remotely located fuel supply*

*Portable & Lightweight*

*Operates on readily available 120 VAC power*

*Thermostatic control*

*Single-knob operation*

*Heats up FAST!*

**Powered By The Babington Airtronic® Burner • NSN# 7310-01-442-8340**

**Powered By Airtronic®**

## Product Description

The Babington PMB is an integrated combustion and control system designed for the Babington Airtronic® Burner in a compact stainless steel "sled" type chassis.

## Benefits

### Clean Combustion

Powered by the Babington Airtronic® Burner, the PMB burns all distillate fuels smoke and odor free, and without harmful Carbon Monoxide emissions.\*

### Safe Remote Fuel Supply

Remotely located fuel supply ensures safe operation, allowing operators to fuel safely away from congested cooking areas.

### Compact

The PMB can be installed in an M-59 Range with no modification to the cabinet or the burner. Alternatively, it can be used in a stand-alone configuration to perform a wide variety of cooking procedures.

### Simple to use

Single-knob start-up and precision thermostatic temperature control.

### Burner Uses No Nozzle

There is no nozzle to clog and the Babington Airtronic Burner is insensitive to fuel contaminants and fuel viscosity.

### Versatile

The Babington PMB can be used in the M-59 Field Range, or in a stand-alone mode with a 15 gallon stock pot (as shown). The stock pot is securely held by retractable stock pot holders. The Babington Airtronic® Burner is also used to power the **TRH** (Tray Ration Heater) and the Babington **FSU** (Field Sanitation Unit). The One-Burner-Fits-All concept dramatically reduces training and maintenance costs.

### Proven Track Record

Airtronic® Powered M-59 Ranges have fed over 15,000,000 meals at the Marine Corps Air Ground Combat Center (MCAGCC) at 29 Palms, California. Airtronic® powered TRHs have been in successful military service since 1996.

## Specifications: Airtronic® Burner Powered PMB

<b>Size:</b> .....	19" wide x 11" high x 27" long
<b>Weight:</b> .....	36 lbs
<b>Burner Heat Output:</b> .....	30,000 BTU/Hr to 80,000 BTU/Hr, adjustable without parts change
<b>*Emissions:</b> .....	Less than 10 ppm CO (Carbon Monoxide)
<b>PMB Temperature Range:</b> .....	Variable range with thermostat allows for fast high heat cooking applications or low heat simmering.
<b>Safety Controls:</b> .....	Burner primary control with flame detection shut down
<b>Fuel Types:</b> .....	All distillate fuels including, DF-1, DF-2, #2 Home Heating Fuel, JP-8, MDO
<b>Fuel Supply:</b> .....	Remotely located fuel supply
<b>Fuel Pump:</b> .....	Self priming, high lift, single line
<b>Ignition:</b> .....	Solid state, interrupted ignition for reliable operation without radio interference
<b>Operating Temperature Range:</b> .....	-60° F to +140° F
<b>Power Consumption:</b> .....	150 watts / 120 VA
<b>Power Supply:</b> .....	Any 120 VA generator or mobile inverter
<b>Construction:</b> .....	The PMB is constructed of sturdy stainless steel and high temperature materials to withstand battlefield operating conditions

## Applications



PMB with stock pot holder



PMB with griddle top



PMB installed in an M-59 Field Range

[www.BabingtonTechnology.com](http://www.BabingtonTechnology.com)



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