

Middleby Cooking Systems Group



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Middleby Marshall® Service Bulletin

SUBJECT: Middleby Marshall **On/Off** and **PID** Output Temperature Controller, Kit P/N 36939

GENERAL

This is a notification that beginning January 1999, a new, digital temperature controller will be replacing all temperature controllers (except PS200VL analog controllers). This new temperature controller can be programmed to work with both **On/Off** high-flame solenoid gas systems and the modulating valve gas systems [Proportional Integral Derivative (**PID**)], as well as with any electrically heated oven.

The **PID** gas system is used on the model PS360EWB oven. **PID** is simply an output signal from the temperature controller to the modulating valve circuit, proportional to the call for heat signal of the oven.

Refer to the diagram on the back of this bulletin for details of the **On/Off** and **PID** Temperature Controller and applicable gas train systems. Note: for electrically heated ovens, the new Temperature Controller is used in the **On/Off** setting.

APPLICATION

All orders for digital temperature controllers, part numbers 28071-0028, 30871, 32571, and 36021, will be automatically replaced with the new digital temperature controller kit, p/n 36939, after January 1st, 1999. When replacing an existing temperature controller with the new **On/Off** and **PID** controller, perform the kit installation, programming, and operator instructions, p/n 36622, packed with the temperature controller kit. It is important that you identify the exact oven model you are installing the temperature controller into for proper wiring and programming of the **On/Off** or **PID** output function.

FEATURES

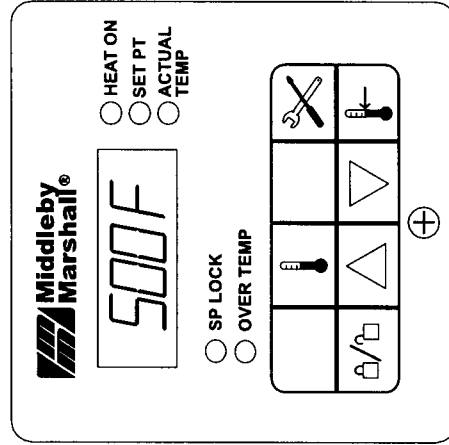
- One digital temperature controller fits all Middleby Marshall ovens (as specified on the instructions).
- Enhanced display and diagnostics
- Easy programming steps
- Easy Installation
- One digital temperature controller to inventory

AVAILABILITY

The new temperature controller kit, p/n 36939, is available for immediate shipment after January 1, 1999.

DISPOSITION OF INVENTORY

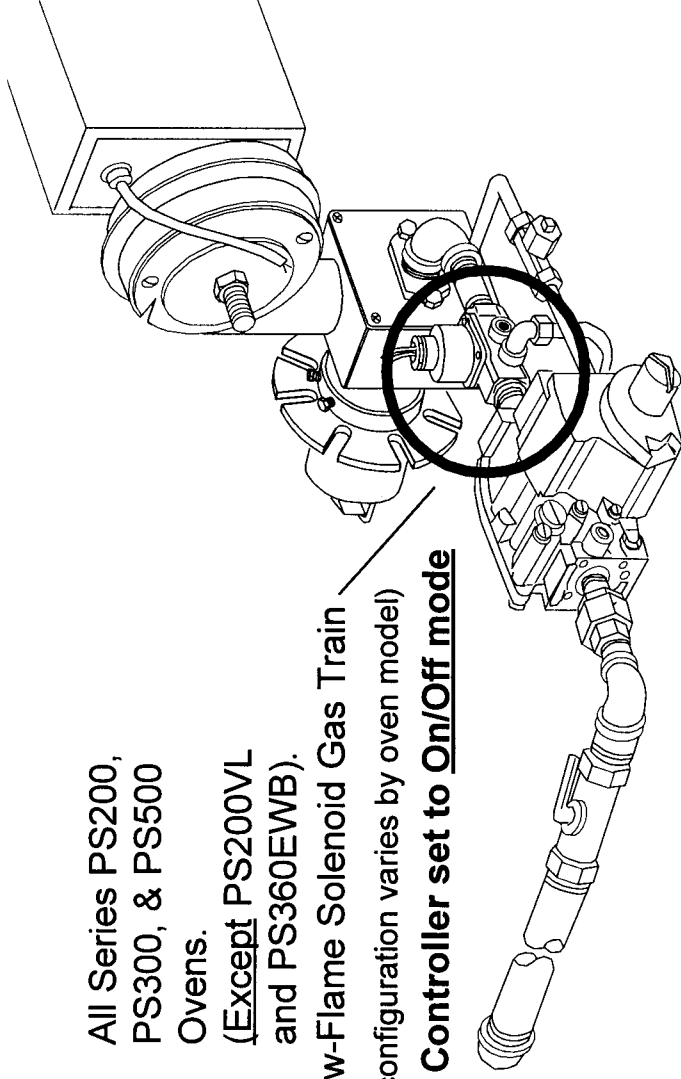
Deplete your existing inventory of temperature controllers. Then order Kit p/n 36939 for replacement of your inventory.



On/Off and PID
Temperature Controller

All Series PS200,
PS300, & PS500
Ovens.
(Except PS200VL
and PS360EWB).

High-Low-Flame Solenoid Gas Train
(Gas train configuration varies by oven model)
Temperature Controller set to On/Off mode



360EWB Only

Modulating Valve Gas Train
Temperature Controller set to PID mode

