

## Middleby Cooking Systems Group



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### SUBJECT

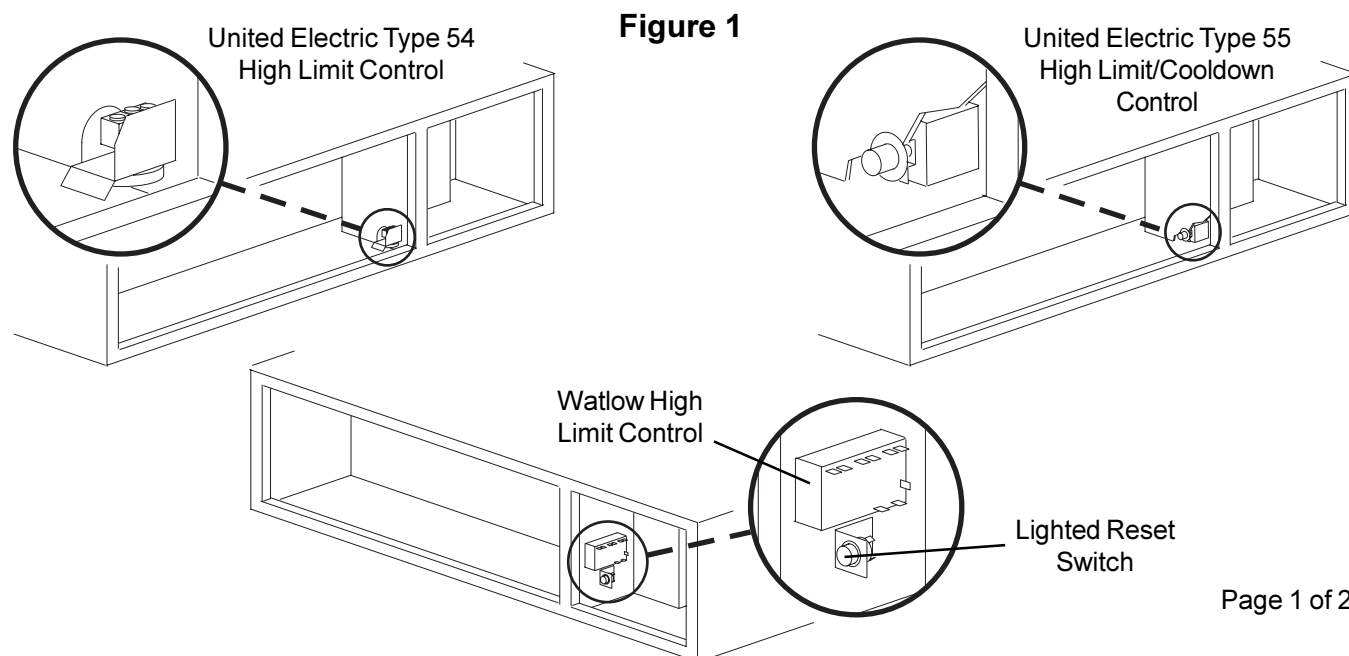
Introduction of Service Kit P/N 39733, *High Limit Conversion Kit for PS300, 310, 350, & 360 Electric Ovens*

### GENERAL

The United Electric Type 54 and Type 55 high limit controls used on some PS300, 310, 350, and 360 ovens (208/240V and 480V UL versions only) through April 1999 are no longer available.

**Service Kit P/N 39733** includes all of the parts and instructions necessary to replace either of these controls with the Watlow high limit control (P/N 34982) that is used on current-production ovens, as follows:

- *The United Electric Type 54 control (P/N 28071-0002)* was used on early PS300/310/350/360 electric ovens (all voltages), and on early PS300/350 gas ovens. This control featured a high limit circuit **ONLY**. Ovens equipped with the Type 54 control do not have a cooldown circuit. Service Kit P/N 39733 will directly replace this control with the Watlow high limit control. See Figure 1.
- *The United Electric Type 55 control (P/N 28071-0014)* was used on later PS300/310/350/360 electric ovens (208/240V and 480V UL versions only). This control featured high limit **AND** cooldown circuits. Service Kit P/N 39733 will replace this control with the Watlow high limit control, and will provide directions on using the cooldown circuits in the oven's temperature controller. See Figure 1.
- Any affected oven that is already equipped with the Watlow high limit control does **NOT** need this Kit. If an existing Watlow control needs to be replaced, order the control **ONLY** (P/N 34982). See Figure 1.
- Later-model PS300/350 gas ovens, and **ALL** gas PS310/360 gas ovens, use the high limit and cooldown circuits in the temperature controller. These ovens do **NOT** need this Kit.



## **APPLICATION**

For each high limit control that needs to be replaced in one of the oven models listed under [Compatibility](#), below:

- If the oven is equipped with a United Electric Type 54 or Type 55 high limit control, order one Kit (P/N 39733).
- If the oven is already equipped with a Watlow high limit control, order the control ONLY (P/N 34982).

## **COMPATIBILITY**

Service Kit P/N 39733 is compatible with all PS300/310/350/360 ovens that are equipped with United Electric Type 54 or Type 55 high limit controls. These include:

- PS300/350 Gas (early)
- PS300/310/350/360 Electric (early - all voltages)
- PS300/310/350/360 Electric (late - 208/240V and 480V UL versions ONLY)

## **FEATURES**

N/A

## **AVAILABILITY**

Service Kit P/N 39733 is now available, and can be ordered through your parts distributor or through the Middleby parts department.

## **DISPOSITION OF INVENTORY**

Use any remaining stock of the United Electric Type 54 and Type 55 controls (P/Ns 28071-0002 and 28071-0014) normally. Order Kit P/N 39733 when additional Type 54 or Type 55 controls are needed.