

# THE BAKER COMPANY

---

## **New Standard Wiring for TX Cabinets Models 403TX and 603TX**

The Baker Company has changed the standard electrical wiring for the SterilChemGARD (Models 403TX and 603TX). This new electrical wiring will help our customers monitor and/or control exhaust functions. Control of external exhaust functions will enhance the safe operation of our TX cabinets.

**Please Note:** *This new wiring is in addition to the function of the Air Flow Monitor (AFM), which has not changed. When properly installed, the AFM will continue to shut the cabinet supply blower off if the volumetric flow rate in the exhaust duct is inadequate.*

### **New Standard Wiring & Junction Box**

The new standard wiring will include the Blower Switch Status Wiring package (#333E548). This will allow our customers to:

- Facilitate control of an External Blower
- Facilitate control of an External Damper
- Monitor the Blower Switch Position from a remote location

This is accomplished by providing an external junction box with terminal blocks to which the customer can connect external circuits. The terminal blocks are wired to a relay on the Membrane Switch Control (MSC) board in the light canopy of the cabinet. The relay contacts indicate Blower Switch Status (on or off).

### **Optional Wiring Configuration & Junction Box**

A new wiring option called the Cabinet Monitor Wiring package (#333E549 **\$271.50**).

This will allow our customers to:

- Monitor and/or facilitate control of an External Blower
- Monitor and/or facilitate control of an External Damper
- Monitor Blower Switch Position
- Monitor Blower Operational Status (implies AFM Status)
- Monitor Sash Height Alarms

This option includes a junction box with terminals connected to 3 different relays on the MSC board. These relays indicate the Blower Switch Status, Blower Operational Status, and Cabinet Sash Alarm Status. This allows additional flexibility in monitoring and/or controlling cabinet functions.

### **It's Retrofittable**

Older 403TX and 603TX cabinets may be retrofitted with the new wiring package. The Membrane Switch Control board must be replaced (#333E550 **\$276.95**) and either the new Blower Switch Status Wiring package (#333E548 **\$245.80**) or the optional Cabinet Monitor Wiring package (#333E549 **\$271.50**) must be ordered to make it complete.