

NY Thermal Inc.  
Tel: (506) 657-6000  
Toll Free: 1-800-688-2575  
Fax: 1-506-432-1135  
Web: [www.nythermal.com](http://www.nythermal.com)  
Email: [info@nythermal.com](mailto:info@nythermal.com)

## 85163

# Blocked Condensate Switch

Applicable Models: All Vmax, TFT and FTG boilers

### NOTICE

The Blocked Condensate Switch is a safety device that interrupts flame signal (Vmax) **or** power to the gas valve (TFT and FTG), forcing the burner to shut down in the event of a blocked drain or exhaust.

### WARNING

Failure to properly adjust the blocked condensate switch may result in boiler or property damage, serious injury, or death.

### WARNING

This boiler must be serviced by a qualified boiler technician. Failure to properly maintain or service the appliance may result in property damage, serious injury or death.

### Switch Replacement Instructions

1. Turn off power to the boiler.
2. Remove the existing switch by removing the wiring and tubing then unscrew the support bracket.
3. Install replacement switch. Ensure to reconnect the wiring to terminals 1 & 2 as shown below.
4. Using a slot screwdriver, adjust the switch's dial as per the note below, aligning to the triangle in the 6 o'clock position.

### Switch Settings

Set to **2.8** (as shown) for the following boilers:

- All Vmax models
- All TFT models
- FTG 600 - 1400

Set to **4** for the following boilers:

- FTG 2000 - 2400

