

Flame Safeguard Controller 5004-M-78

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The 5004-M-78 flame safeguard replacement chassis is designed to be a direct replacement for the CB780 Cleaver Brooks and most Honeywell RM7800E and RM7800L series burner controls.

The 5004-M-78 mounts directly into an existing Q7800A1005, Q7800B1003 or CB780 (833-2725) wiring sub-base.

- Existing flame sensors and scanners can be reused or replaced with Preferred UV, IR or UV self-checking scanners.
- An auxiliary connector is used for interface with Modbus communication or to provide a remote reset function.

One model number (5004-M-78) replaces an existing:

- Control chassis
- Display module
- Purge timer
- Flame amplifier

As with the 5004-M-85, the flame amplifier inputs are universal. Purge timing, PTFI timing, and other control functions are determined by DIP switch selection.

Replaces

It is a direct replacement for most RM7800E, RM7800L, and CB780 flame safeguard controllers.

Amplifiers	Programmers
R7847 Flame Rod	ST7800A
R7849 Ultraviolet	
R7852 Infrared	

Product Certifications:

UL Recognized: File No. E233069

Specifications:

Mechanical

Enclosure: 6" H by 5" W by 2 1/2" D

Shipping Weight: 2 lbs. for all models

Area Classification: NEMA 1

Temperature Range: 0° F to +140° F
(-40° C to +60° C)

Electrical

Voltage: 120 VAC 50/60Hz

Power Consumption: 2 VA

Load Ratings (pilot & main): 10 A (1/4 HP inductive)

Total Connected Load: 15 A (1800 VA)

Alarm Contact: 230 VAC, 2 A maximum

Ordering Information

Description	Catalog Number
FSG Controller w/ Integral Display. Universal UV, IR, UV Self-Check, and Flame Rod Input. DIP switch selectable purge, PTFI time, RS-485 Modbus Communications. Fits Q7800A1005, Q7800B1003, and CB780 wiring sub bases. QA5004-216 remote display.	5004-M-78



5004-M-78 Flame Safeguard
Rear view showing connector pins

Specs found here

