

32005301 T Filter

INSTALLATION INSTRUCTIONS

APPLICATION

The 32005301 T Filter is an electronic filter that prevents high energy ignition noise from damaging the flame sensing electronics in rectification amplifiers and primary safety controls.

SPECIFICATIONS

Approval:

Underwriters Laboratories Inc.: Component Recognized: File No. MP268.

INSTALLATION

When Installing this Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Installer must be a trained, experienced flame safeguard technician.

WARNING

Electrical Shock Hazard.
Can cause serious injury, death or equipment damage.

Disconnect power supply before wiring to prevent electrical shock or equipment damage.

Installation and Checkout

1. Turn off power and disconnect the power supply before beginning the wiring.
2. Mount the T Filter as near as possible to the primary safety control.
3. Disconnect the flame sensor lead from the connection to the F terminal of the primary safety control.
4. Connect the flame sensor lead to the Fi terminal on the 32005301 T Filter. See Fig. 1.
5. Connect a wire from the Fo terminal of the T Filter to the F terminal of the primary safety control.

IMPORTANT

The T Filter will operate correctly only if a good connection to earth ground is made.

6. Connect a 14 AWG copper wire from the GND terminal of the T Filter to a good earth ground near the filter.
7. Reconnect power to the burner panel.
8. Verify burner operation through a normal sequence.

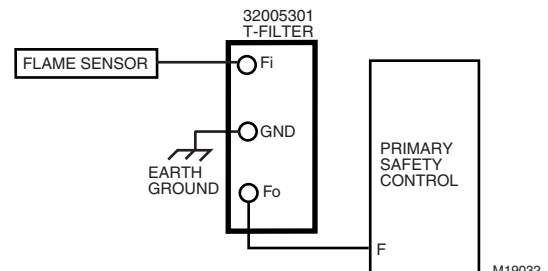


Fig. 1. Connecting the 32005301 T Filter.

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