



## Replacing Siemens LFL Burner Control WITH THE FIREYE® BurnerPRO™ CONTROL SYSTEM



### DESCRIPTION

The BurnerPRO is functionally compatible with the following Siemens LFL models:

**Table 1: Compatibility**

LFL	BurnerPRO
LFL 1.322	BP230UV-S1 / BP230UVFR-S1
LFL 1.322-110V	BP110UV-S1 / BP110UVFR-S1
LFL 1.333	BP230UV-S2 / BP230UVFR-S2
LFL 1.333-110V	BP110UV-S2 / BP110UVFR-S2
LFL 1.335	BP230UV-S3 / BP230UVFR-S3
LFL 1.335-110V	BP110UV-S3 / BP110UVFR-S3

Replacing an existing LFL is quite simple by following this procedure:

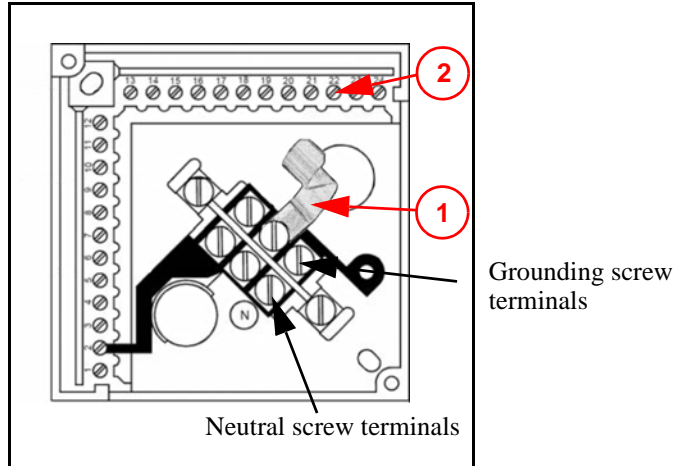
1. Identify/Order the equivalent BurnerPRO version for replacement from the table above.
2. Identify/Order the BurnerPRO scanner that fits the environment (UV90L-1, UV1AL-3/6. (Fig 1)
3. Remove the LFL control from its wiring base
4. Install the grounding tab provided in the shipping box to the “middle” grounding screw terminal on the LFL wiring base (Fig 2, Note 1). Note: The middle grounding screw terminal must be used. Installing the grounding tab on the outer grounding screw terminals will not provide sufficient ground termination to the BurnerPRO control.
5. Remove Earth ground wire/reference to terminal 22. BurnerPRO will drive the S1 & S2 signals to the UV scanner. (Fig 2, Note 2)
6. Install the BurnerPRO control.
7. On the main burner, locate the existing UV scanner and replace with the BurnerPRO scanner.

Refer to bulletin BP-1001 for complete information

Fig 1. UV Scanners



Fig 2. LFL Wiring Base



Note: Figure 2 item 1 is grounding tab

Figure 2 item 2 is terminal 22 earth ground wire

## NOTICE

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