

Electronic Ignition Systems for Gas Lights

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What is electronic ignition?

It is a feature which allows an open flame burner to be turned on and off with a standard light switch. If during operation the flame blows out the system will automatically re-ignite. Along with being a great safety feature and energy saver, it eliminates the inconvenience of manually lighting with a match.

Does electronic ignition require power?

Yes, standard 110 V must be wired to a transformer (24 V.A.C 40 VA or 24 V.A.C 20 VA). The step down transformer must be wired to the gas light. Each gas light requires this low voltage current.

Where do you install the transformer?

Option 1: Electrician runs 110V to an electrical box in a mechanical room or an accessible area. Mount 24V.A.C 40 VA transformers at electrical box. Install a pair of low voltage wires from transformer to gas light. If there is multiple lights, each light should have a dedicated transformer and two wires run to each light location.

Option 2: Electrician runs 110V from wall switch to each light location. The transformer will need to be located in a electrical gang box or in wall bracket of light. Disadvantage to this option: If transformer is bad you have to remove light to replace part. Advantage: Similar to running electrical wire to an electric light except a transformer is required.

I am a technical person can you tell me more?

Each gas light must have its own electronic ignition system; however, you can operate as many gas lights from one wall switch or timer if wired correctly. Every light will be pre-installed by manufacturer with 4 components: valve, transformer, control box and igniter. Depending on the model or style of light the electronics will be installed in the wall bracket or in the base of light.



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