

Published based on [Electric Toasters - The 3 Main Varieties](#)

# **Electric Toasters - The 3 Main Varieties**

Whether you [purchase 4 slice toasters](#), 2 slice toasters, or any other electric toaster products, there are a few things you should know. Based upon their construction, virtually all electric powered toasters, will definitely toast 2 slices of bread on both sides or 2 slices on one side concurrently. In accordance with conventions you can find three unique sorts of toasters;

- Manual toasters
- Semi-automatic toasters,
- Automated toasters.

### **Manual Toasters**

The earliest electric manual toasters had no moving parts and the bread was simply perched on the framework. But most manual toasters are usually of the open-element vertical type. Here the bread is placed on hinged racks, one on each side of the open heating element and after the bread is toasted on one side, then by turning the rack outward the bread simply slides down and reverses itself.

Although the vertical types are universally used, certain types of manual toasters of the open-element type are horizontal, in which case the bread is laid on a flat rack sometimes hinged and reversible.

It should be noted that in all manual toasters, the toasting period is left to the judgment of the operator. In most cases, it is necessary to turn the handle to reverse the toast.

### **Semi-automatic toasters**

These differ from the manual type in that they incorporate certain signal features or annunciators, which normally consist of a bell which will signal the completion of the toasting period.

Other toasters of this classification include a thermostatic switch, in which the toasting period is thermostatically controlled by the surface temperature of the bread, but usually do not include the pop-up feature. Most toasters of the semi-automatic type also include a regulator in the form of a dial, which may be adjusted to the degree of brownness desired.

### **Automated toasters**

There are a great variety of automatic toasters with somewhat different construction principles. In all cases, however, the electrical current in the heater element toasts the bread. The main difference in the various types lay in the method employed to control the toasting cycle. A great number of automatic toasters are classified as the "pop-up" type and include, in addition to the heating element, a thermostatic switch or timing device which automatically controls the toasting process.

When the operating lever is pressed down, the switch contacts are closed and they remain closed until the bread carriages are released. Thus, the units are energized from the time the operating lever handle is depressed until the bread pops up.

One type of automatic toaster, contains a spring-actuated clock mechanism, in which the lowering of the operating handle with its bread carriage energizes the spring which action also completes the electrical circuit through the heating elements. When the toasting routine is finished the clock automatically trips the carriage, which returns to its primary placement, opening the circuit through the heating element.

Other Automated toasters are of the so-called through model when the bread to be toasted is positioned in one end and expelled through the other, the activity of the bread being furnished by a carrier bar which in turn is being driven by a compact electric powered generator.

Here is more information on electric toasters: Check out the [Cuisinart 4 Slice Toaster type](#) as well as the [Kitchenaid 4 Slice Toaster model](#) and I'm pretty sure you will find a toaster that fits your need.

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