

Cooker Description

A simple cooker has a door and a button. There is an interior light.

When the cooker is idle and the door is opened, the interior light goes on. Pressing the button while the door is open has no effect.

When the cooker is idle and the door is closed, pressing the button starts the cooker and sets the cooking time to 5. When the cooker is on, the light is on. Pressing the button while the cooker is on extends the cooking time by 2.

If the door is opened while the cooker is on, the cooker and the light are turned off and the timer is reset to zero. The door must be closed and the button pressed to start cooking again. This sets the timer to start again with a cooking time of 5.