

Abstract

Coffee is a very popular drink in Indonesia and the world. Coffee in the world today is largely divided into 2, namely Arabica and Robusta. Arabica has a distinctive taste and prices are more expensive than Robusta types. Arabica coffee also contains more coffee than Robusta, this is what makes Arabica coffee more popular than Robusta. Enjoy coffee generally after brewing. The reason, the taste of coffee at that time was at its peak, because the temperature of the air used to brew according to the ideal temperature offered. However, in Indonesia, instant hot coffee sales, plus Arabica types, have quite expensive prices. Using an ordinary heater will result in the quality of the Arabica coffee being served changing due to an unapproved temperature. In this study, Arduino Uno-based automatic Arabica coffee pourers and heaters are designed. The prototype is expected to be able to brew coffee at the ideal temperature expected to be as freshly brewed.

Keyword : heater, pourers, arabica, arduino uno