

Abstract

This project for drinking water filling machine was based on the concept of drinking water contained by villagers for their small households industry or small and medium enterprise. The purpose of this study was to make this machine be able to fill drinking water in 2 sizes , 600 cc. and 1,500 cc .

The drinking water filling machine are consisted of the main components one special water pump 1 phase 220 volts , 6 nozzles and 6 solenoid valves for control amount of water.

The drinking water filling machine can fill the water rate sizes are 600 cc. and 1,500 cc. This machine can fill 600 cc. bottles at the rate 264 bottles / hour , while 1,500 cc. bottles to the rate 228 bottles / hour . The cost of electricity was 13.53 bath per day.