Thabiso Mzizi

Team 8  NWU VTC

Manual

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# INTRODUCTION

This manual contains instructions and guideline of using the vending machine.

The vending machine is equipped with an electronic control system, loaded with a software written in clips that will handle all the transactions roughly the functions and pricing.

Selections are priced individually from 10c to R5 South African currency.

The vending sequence is “first-in, first-out” for each selection, eliminating the need for stock rotation to assure product freshness.

# Tray Configuration

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PRODUCT** | | |
| **TYPE** | **WIDTH** | **THICK** | **QTY** |
| **Cola** | 2.75 | 3.25 | 5 |
| 3.16 | 6 |
| 2.37 | 8 |
| 2.10 | 9 |
| 1.89 | 10 |
| 1.72 | 11 |
| 1.55 | 12 |
| 1.22 | 15 |
| 1.00 | 18 |
| 0.71 | 24 |
| 0.51 | 30 |
| **Orange** | 5.50 | 3.25 | 5 |
| 3.16 | 6 |
| 2.71 | 7 |
| 2.37 | 8 |
| 1.89 | 10 |
| 1.55 | 12 |
| 1.22 | 15 |
| 1.00 | 18 |
| 0.51 | 30 |
|  |  |  |  |
|  |  |  |  |
| **Sweets** | 2.75 | 3.25 | 12 |
|  |  | 3.16 | 15 |
|  |  | 2.37 | 18 |
|  |  | 2.10 | 24 |
|  |  | 1.89 | 30 |
|  |  | 1.72 | 5 |
|  |  | 1.55 | 6 |
|  |  | 1.22 | 7 |
|  |  | 1.00 | 8 |
|  |  | 0.71 | 10 |
|  |  | 0.51 | 12 |
| **Cholate** | 5.50 | 3.25 | 15 |
|  |  | 3.16 | 18 |
|  |  | 2.71 | 30 |
|  |  | 2.37 | 10 |
|  |  | 1.89 | 12 |
|  |  | 1.55 | 5 |
|  |  | 1.22 | 2 |
|  |  | 1.00 | 3 |
|  |  | 0.51 | 4 |

# Controller Functions

## Sales Mode

The machine automatically defaults to Sales Mode after it is turned on. The vendor accepts deposits, pays out change and dispenses product to the customer.