

§ **The operation of the One by one Collection type Validator :**

1. User insert the coins into the validator.
➔ The amount of validator can accept the coins at the same time is five.
2. LCD will show how many credit the user insert.
3. User make a call and wait for the call being connected.
➔ If the credit is not enough to make this call, the LCD will show how many credit the user should supply.
4. When the call is connected, the validator will start to collect the coin which the user **first** inserted. The payphone will follow the rate table and show how the time or credit which the call can continue.

Example :

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| A. User insert \$2 coin first and 1 pcs \$5 coin next. There are two pcs of coins in the validator. |
| B. User dials 88622678050. As the rate table , this number is 2 dollar for 30 seconds. |
| C. When the call is connected, the validator will start to collect the \$1 only. |
| D. LCD will start to count down from 30 seconds. And show there are \$5 credit still in the validator. |
| E. When the 30 seconds counts down to zero, the validator will start to collect the next coin \$5.(If user cut the call and hook off the handset before the 30 seconds count down to zero. The validator will return the \$5 coin to user.) |

Thus, the one by one collection type features are:

1. When validator starts to collect coins, it will collect from the first coin. Before the next coin be collected to cashbox. If the call is finished, the remained money can be refund.
2. User can insert the lots of the credit in a one time.

They do not worry they have to run out of all the credit. Because payphone will take the enough credit one by one. The remained coins will return to user.