

# Instruction Manual

**Model: HV-100E/101E**



# Characteristics



**HV-101E**



**HV-100E**



**Design of High Quality**  
Superb design of thick cafe atmosphere and smooth, grace, elegant streamlined appearance.



**Automatic Coin Acceptor**



**Automatic Flavoring**  
Advanced flavoring setting taste with microcontrol.



**Knockdown Material Tank**

Combination of box of grinding coffee bean and traditional coffee material box for realization of multi-flavor of grinding coffee.



**Adjustment of Hot Water Temperature**

The temperature inductor is installed in the heating cabinet and the water temperature can be adjusted to 60°C - 93°C



**Convenient Cleaning of Exhaust Fan**

The hook for easy cleaning is designed in the curve way and frequent exhausting may extend the lifetime of the machine.



**Big Load of Paper Cups**  
paper cup loading is the first among the similar products.



**Separated Water Plate**

Independent separated water plate for easy cleaning of plate.

## Specification

Model	HV-100E/101E
Power supply	AC220V 50Hz
Heating consumption	Heater: 800W
	Instant heater: 1300W
Volume of water tank	2.6L
Volume of hot water	1.0L
Display patten	LCD
Cup capacity	About 60pcs
Raw Material	coffee beans, milk cream, chocolate, sugar, etc
Dimensoin (W*D*Hmm)	100E:360×450×660
	101E:360×540×660
Net weight	100E: 25Kg
	101E: 26Kg

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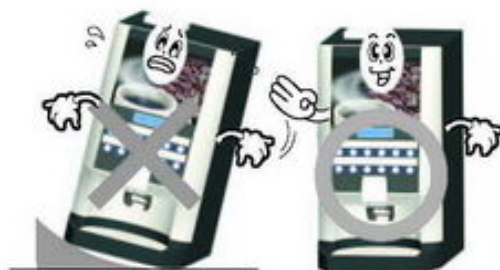
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# Installation Notice

**Do not place in the following place:**

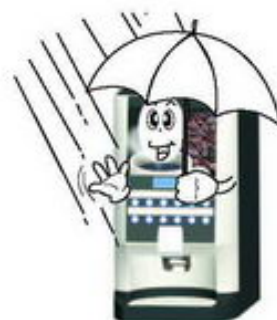
- 1** **The slanting surface or uneven place.**  
Please place the machine in plain place



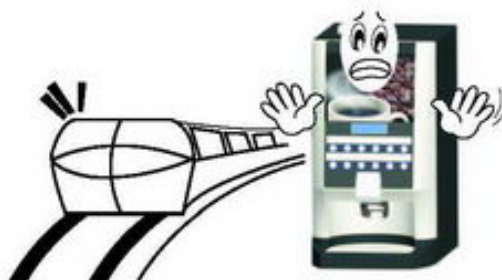
- 2** **The dangerous place.**  
Avoid the place of fire danger.



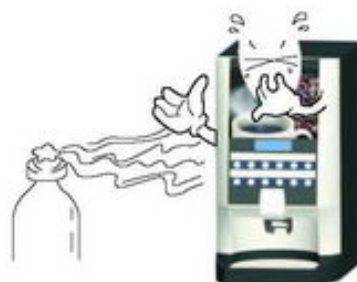
- 3** **The place under direct light or rain and wind.**  
Please place it where there is no direct light and wind and rain.



- 4** **The noisy place.**  
Place it far from electrowaves and noise.















- 5** **The place where there is sea wind (humid) or toxic gas:**  
Place it where is no influence.











# Warning and Caution Marks

Safety is divided into warning and caution:

 <b>Warning</b> This mark shows that violation of the requirements of operation may cause death or severe injury.	 <b>Caution</b> This mark shows that violation of the requirements of operation may cause injury of human body or damage of house and other property.
 This mark shows that violation of the requirements of operation may cause death or severe injury.	 This mark shows that if put near inflammable gas or volatile, there is danger of explosion.
 will cause danger to remind probably.	 This mark shows that there is danger of electric shock.
 This mark show power plug is pulled out.	 This mark shows that one should not touch the hot spot.
 This mark shows impossibility of dismantle.	 This mark shows one should not touch functional positions.
 This mark shows to touch with the bare hand is not allowed.	 This mark shows if one does not use the nominal power, there is danger of fire.



## Warning

<p>When pouring water into the water tank, avoid spilling or leaking inside or onto the side of machine.</p> <ul style="list-style-type: none"> <li>• Otherwise electric shock or fire may occur.</li> </ul>  	<p>Do not pull or plug the power line with wet hand.</p> <ul style="list-style-type: none"> <li>• Danger of electric shock.</li> </ul>  <p><b>Do not touch</b></p> 
<p>Avoid weighting down and damaging the power line.</p> <ul style="list-style-type: none"> <li>• Danger of electric shock or fire because of electricity leak. Please use specific power socket.</li> </ul>  	<p>Do not connect several appliances to use socket.</p> <ul style="list-style-type: none"> <li>• It may be cause of fire.</li> </ul>  <p><b>Forbid</b></p> 

# Warning and Caution Marks



## Caution

Before Use

• Do not give too much pressure onto the front operation position, otherwise deterioration of machine occurs.



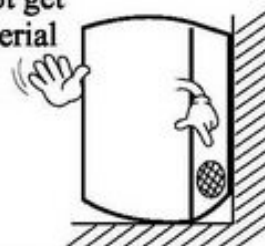
Forbid



• Do not place the machine too close to the wall, otherwise there is poor exhaustion. If humid inside the machine does not get out, the raw material may solidify.



Forbid



• Do not pull the power line for it may cause electric leak or shock by the damaged part of the line.



Forbid



• Do not place the machine opposite of the air-conditioner. It may be one of the causes of solidification of raw material.



Forbid



• Except for instant powder material, do not use other material. Usage of particles or sticky raw material such as peanut, tea, soup, gruel etc. for it may stop up the connecting passage.



Forbid



• Do not put your hand into under the bottom of the machine for it may cause injury by a sharp-edged.



Do not dismantle



• When the machine is out of use for a long time (over 2 days), please pull out the plug. Otherwise it may cause fire because of overheating.



pull out the plug



• If there is alien sound or smell, pull out the plug at once and contact with the sales center or the owner of store.



pull out the plug



# Warning and Caution Marks

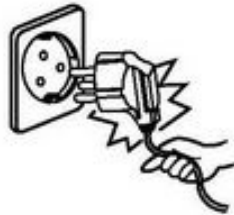


## Warning

• Do not twist or pull or damage the power line. It will break the line and it is very dangerous.



Forbid



• Do not put utensils with water on the top of the machine. The dripping water will decrease insulation and cause electric shock and fire.



Forbid



• Do not put the machine in the humid place, otherwise insulation of electric articles may deteriorate and cause electric shock and fire.



Forbid



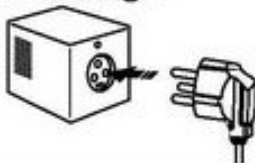
• When replacing the fuse, pull out the power plug, otherwise there is danger of electric shock.



Pull out plug



• Please use a special socket of 220V. If the machine is used in the area of 110V, please use a step-up transformer in conformity with the capacity. If the designated transformer is not used, there is danger of fire and shock. The step-up transformer is to be bought separately (over 2KVA).



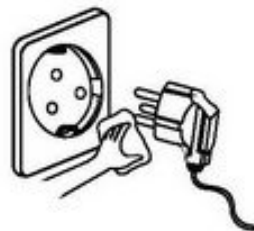
• Do not dismantle the machine, or it may cause shock or damage.



Do not dismantle



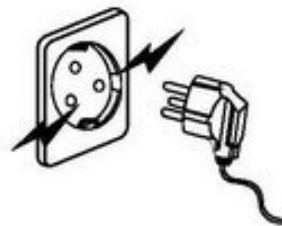
• Clean the metallic part of the power plug of the alien matter, or it may cause fire.



• When you find out that the hoses of socket are loosened, do not put the plug in, or it may cause shock and fire.



Forbid



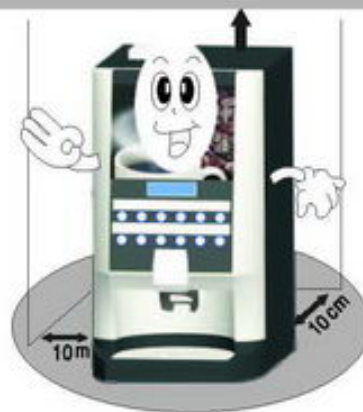
# Work Before Use of Machine

## Before Use

- 1** Clean the machine. Connect the water box. Connect the earth wire (green). Connect the earth bar.  
 \* Clean inside and outside of the raw material tank.  
 \* About cleaning, see page 28.

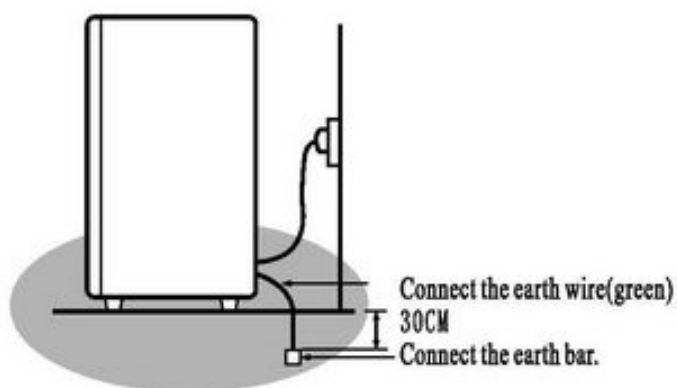
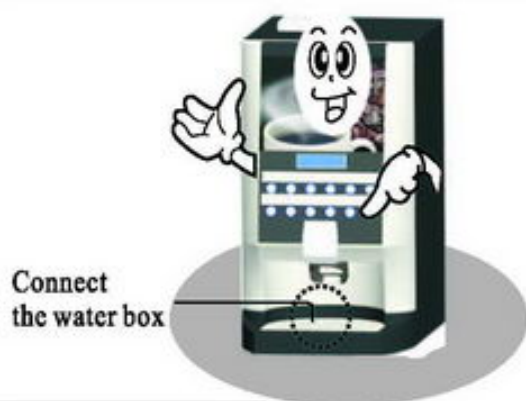


- 2** Place the machine from the wall at least 10cm and choose the even floor. The uneven floor is one of causes of noise and poor working.





- 3** Put the water box to the former place.

- 4** For the safety sake, please use a special socket with earth wire.  
 \*If you do not use the socket with earth wire, please connect one end of the wire (green, a copper wire over 1.6mm or soft wire over 1.25mm or over 2mm) and the other end to copper plate or earth bar and bury it 30cm deep. Be sure not to connect the wire to the pipe of LPG. It is very dangerous.



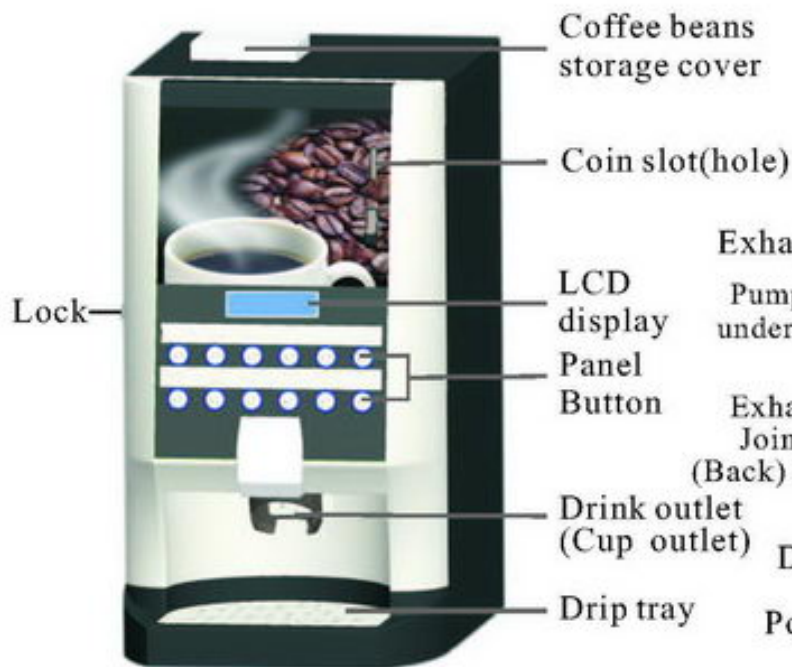
## Accessory

					
2 keys	Operational manual /warranty card	遮挡片	刷子	造啡器 调节杆旋钮	小球阀 供连接自来水管用

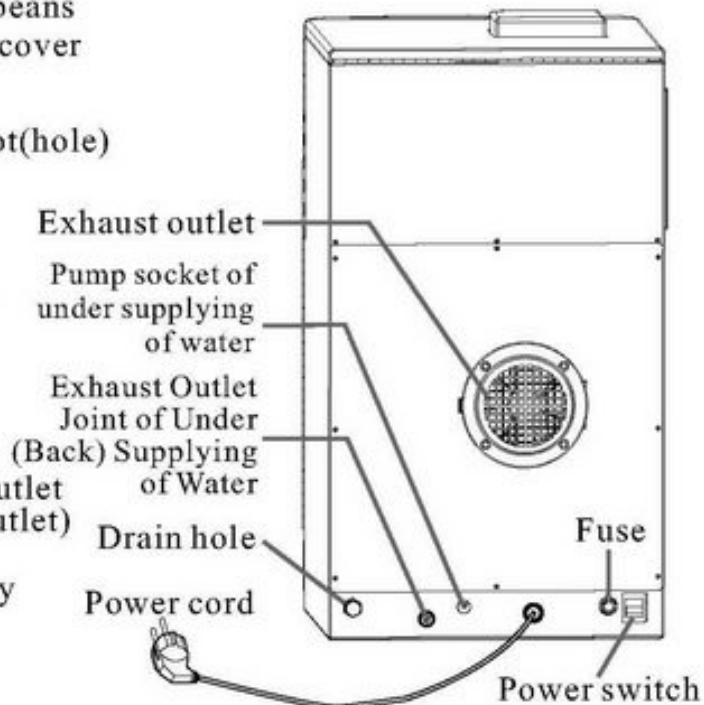
# Spara parts name

HV-101E

## Front Part

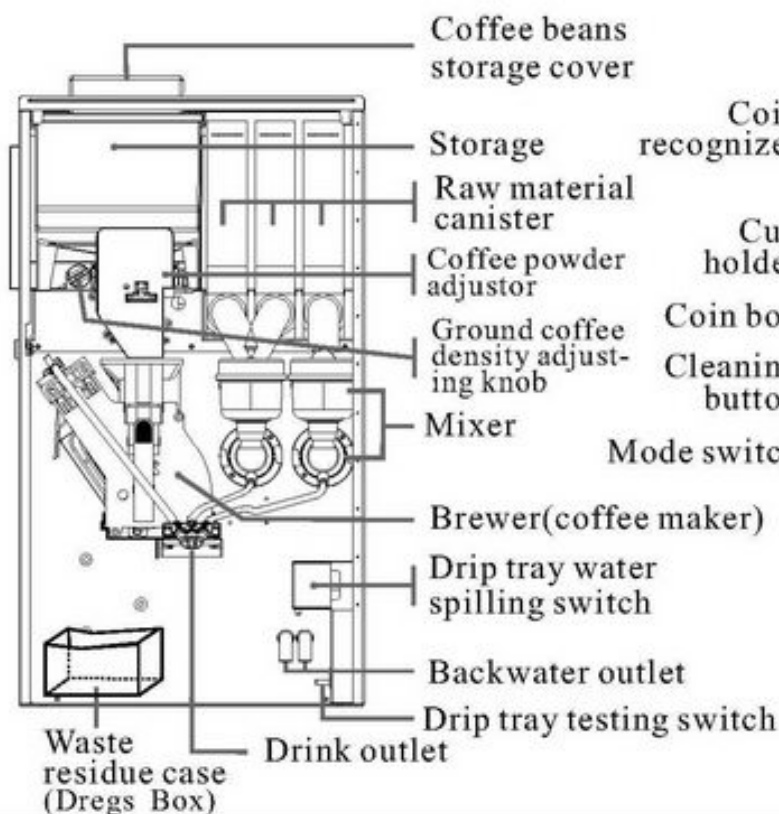


## Back Part

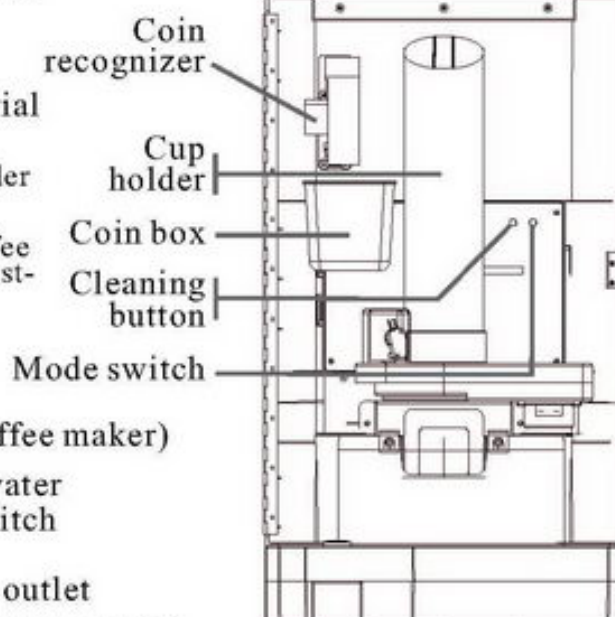


Before Use

## Inner front part



## Door inner part



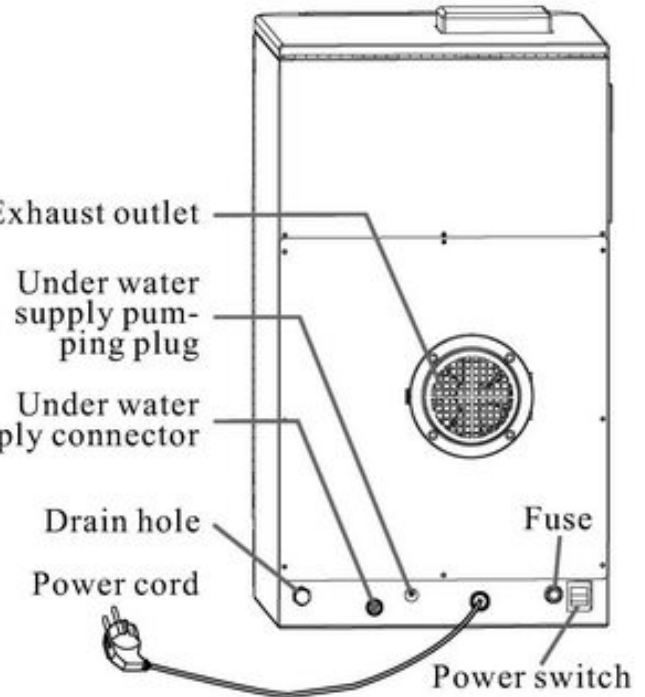
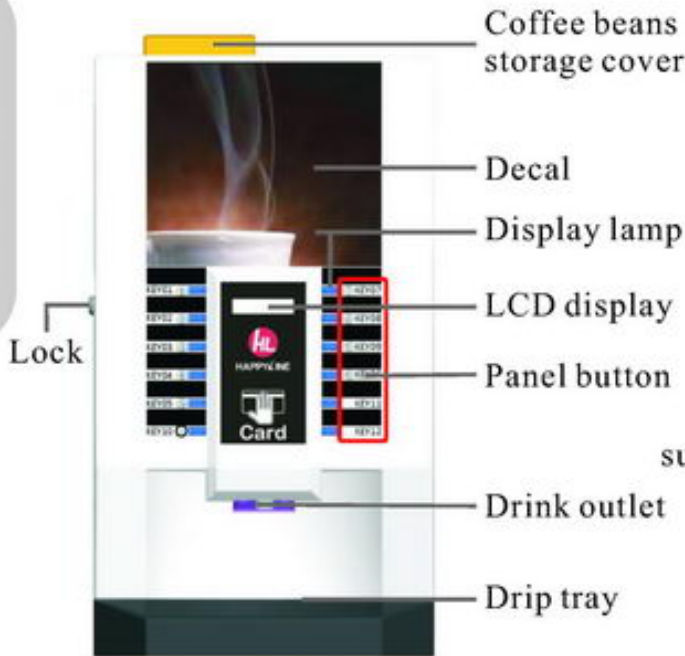
# Name for spara parts

HV-100E

## Front Part

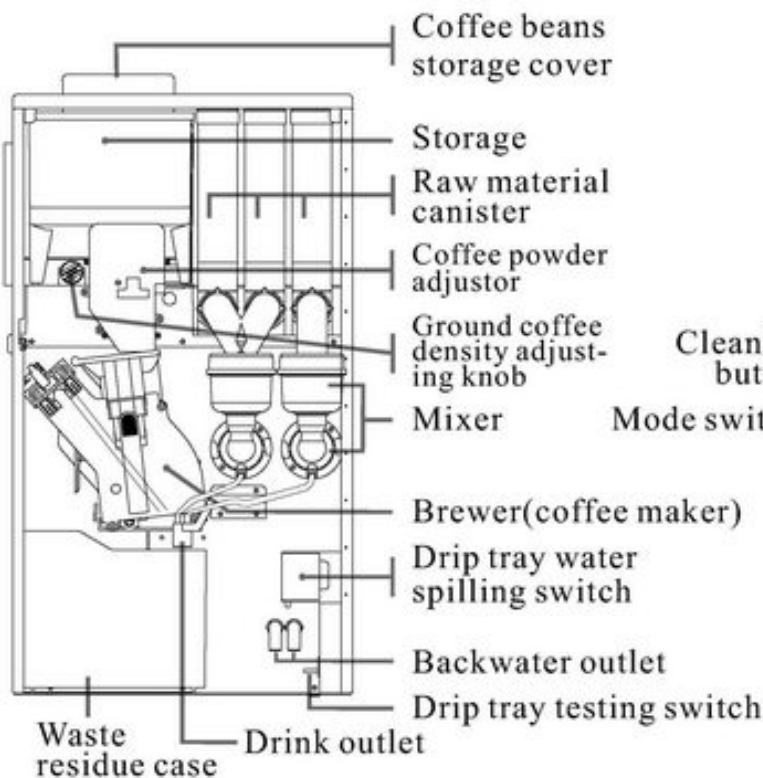
## Back Part

Before Use

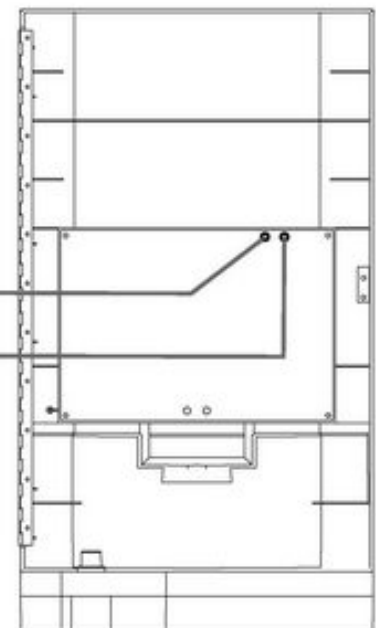


## Inner front part

## Door inner part



Cleaning button  
Mode switch



# Installation(Setting) and Instruction of using

## ● Installation and selection of drink

- 
- 1** A: When under water supplying (When equipping under water tank).
- Using PE hard pipe of  $\Phi 6$  type to connect joint of valve of water supply and outfall under the tank and then put the plug of pump of water supply under the tank into socket (jack) of pump of under water supplying on the back of machine.
- B: When back water supplying(directly connecting tap water), to connect water faucet at first.
- Using PE hard pipe of  $\Phi 6$  type to connect tap water pipe and joint of water supplying on the back of machine (tap water pipe and joint on the back are connected with ball valve).
- 
- 2** To confirm installation of brewer(coffee maker) and water plate. If brewer or water plate is not installed well, the machine does not work normally.
- 3** Adding raw materials and coffee beans.
- 
- 4** Turn on the machine(sole socket is suggested) and the display shows **water block** and at the same time water is automatically put into water tank, and coffee maker resets when water reaches a certain amount and the water goes on till full of the tank. After that it starts to heat and shows **water coold**. About 5 minutes later it shows 

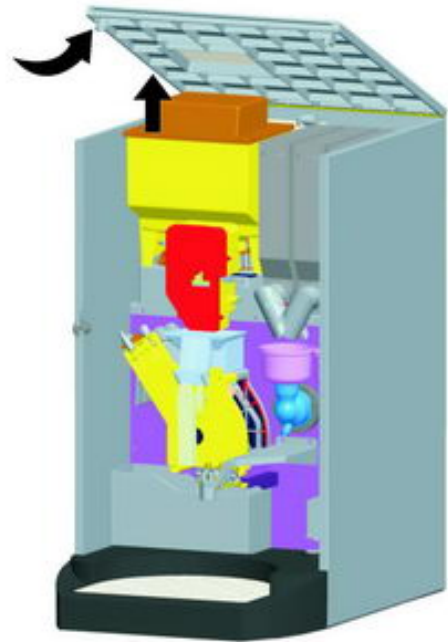
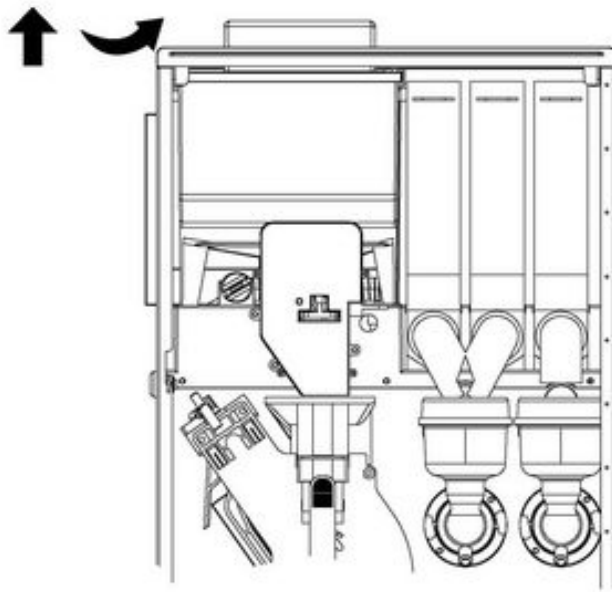
Select Coffee!
Sum Paid:000.0

 and blue drink button is on and the machine starts to work.
- 



Notes: Please cut off the power of machine when it is not used.

# Way of adding materials



How to Use

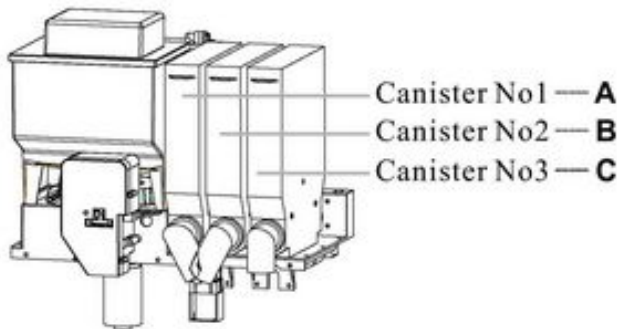
## ● Adding Coffee beans

Open the front door and top cover of machine and lift(open) cover of bean tank and add coffee beans.

## ● Adding instant powder

1 Taking put canister and put into powder.

- Please put into powder according to the names marked in the label.



### Raw Material Used

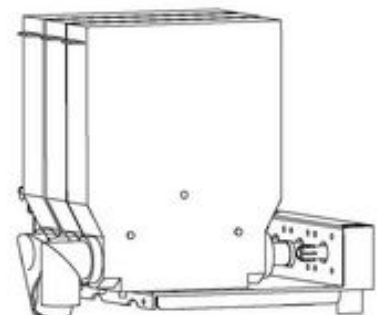
	Can be used	Can not be used
Raw Material	. Coffee beans . Milk cream <b>A</b> . Chocolate <b>B</b> . Sugar <b>C</b>	• liquid cream

Storage volume: about 1Kg

Canister volume: about 1.5L

## 2 Way of installing canister

Connect shaft housing with dosing motor gear and insert, then insert the bottom part of canister into relevant holes.

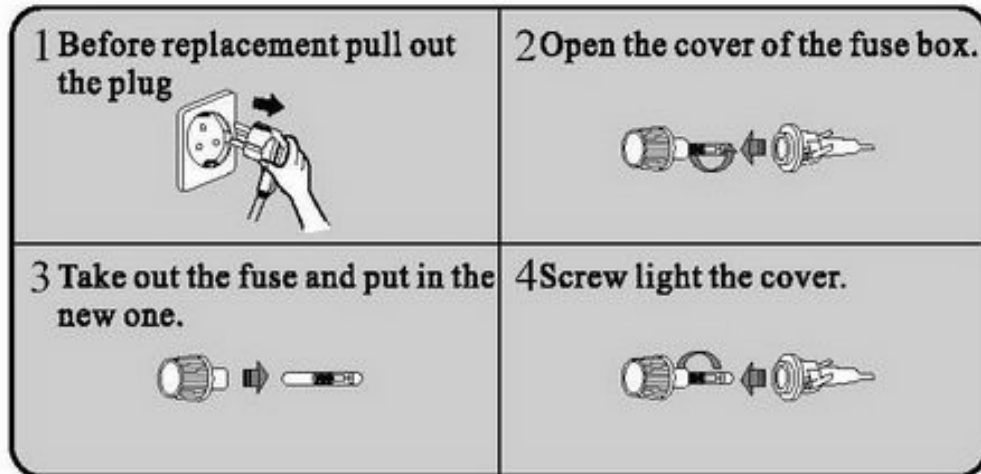


# Way of auto cleaning/replace fuse

When the fuse burns off, replace it with a new one(AC250V,10A).

Replacement of the fuse is not included in the after-sale service.

## Replacement of Power Fuse

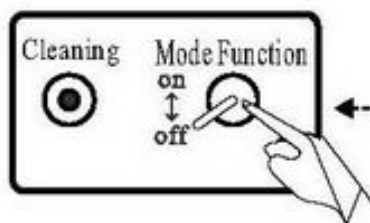


## Automatic cleaning for mixer and pipes

Please often clean raw material mixing tank and pipe and keep it clean for avoiding peculiar smell.

How to Use

## Way to clean



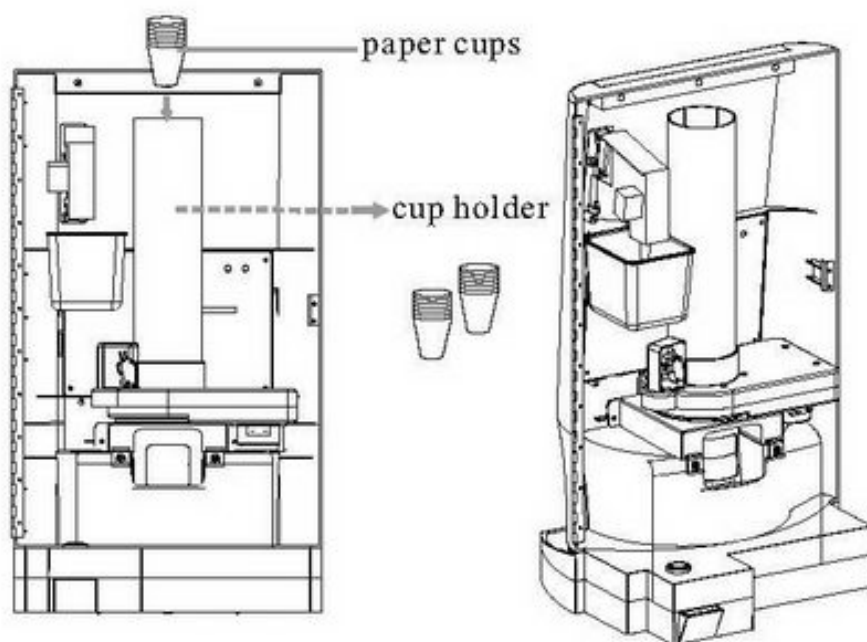
Press the cleaning button on the back of door for ordinal cleaning.

\* Please take water with a ware at outlet of drink.

**Be careful of hot water!**

\* To clean and sterilize with hot water at least once a day in order to prevent peculiar smell.

# Way of adding cups



## How to Use

### 1 Put paper cups into cup holder.

- When loading cups, put them in by batches, 5~10pcs for one time.

### 2 Cup quantity

HV-101E: about 70pcs

### 3 Cup testing

Turn on the mode switch (in the back door) to position "on", display shows "INPUT ID:\_\_\_\_\_". Then input password (factory setting is 111111), press 12<sup>th</sup> button to confirm, display shows 

GROUP00:
ACTIONS

. After that, press 12<sup>th</sup> button again as up&down button, display shows 

FUNCTION01:
TESTFALLCUP

, and press 12<sup>th</sup> button once more to start to test. Press 10<sup>th</sup> button to return to the menu 

GROUP00:
ACTIONS

.



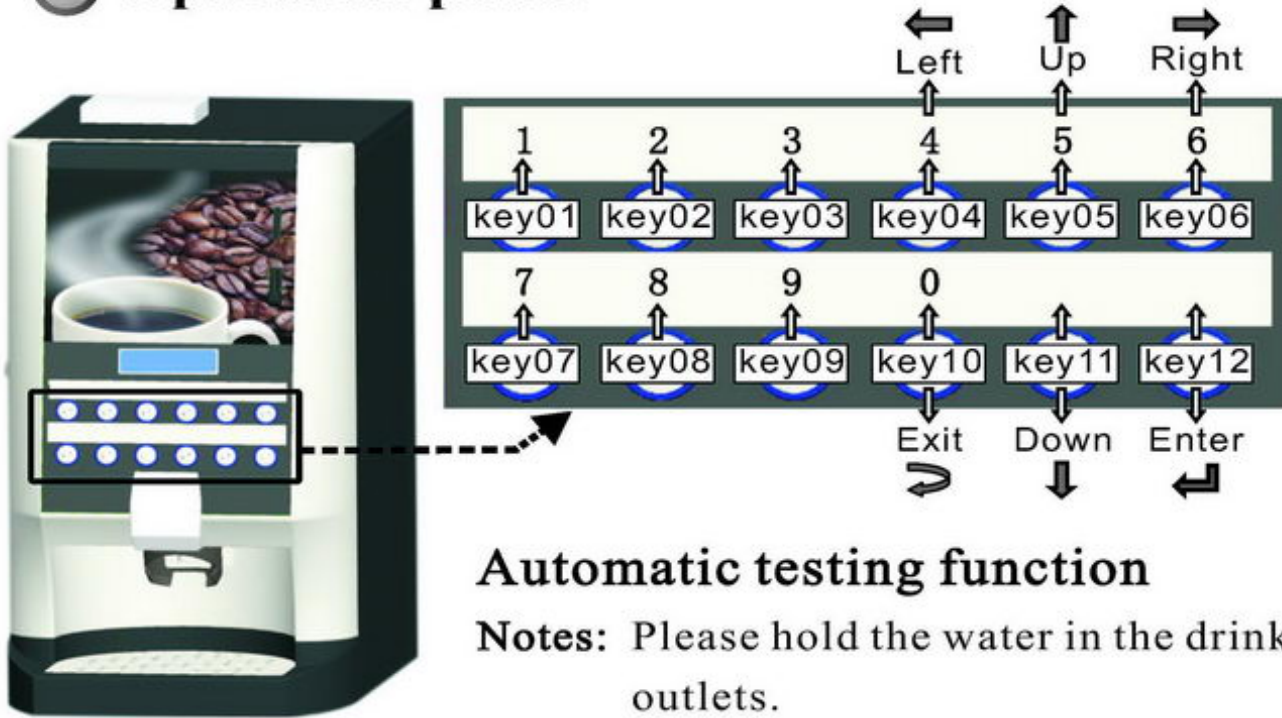
- No using cups which are not suitable for our machines.
- No pressing the cups.



- Putting hand into cup out when cups are stuck.  
Push up till cups fall down.

# Introduction of buttons function

## ● Operation panel



HV-101E

### Automatic testing function

**Notes:** Please hold the water in the drink outlets.

This model is with automatic testing function. Turn on the mode switch, it is in setting situation, display shows "INPUT ID:\_\_\_\_\_". Please input 1111111 (factory setting password) and press 12th button to confirm, display shows **GROUP00: ACTIONS**. Press 12th button again, and display shows **FUNCTION00: TEST MACHINE**, then press 12th button to start to do testing. Press 10th button to return to menu **GROUP00: ACTIONS**.

### Testing sequence is as follows:

water supply valve 1, water supply valve 2, material feeding motor 1, material feeding motor 2, material feeding motor 3, mixing motor 1, mixing motor 2, cup dispenser, grinder system, pumping system ( fitting hose system).

Please note the testing carefully and you can find out parts work well or not.

# Introduction of buttons function



- \* Operation instruction of keys of HV-100E on this book is the same as HV-101E. That is the functions of **KEY 01~KEY 10** of 100E and 101E are the same (such as the relevant numbers and up, down, left and right etc.) and also the operation

## Programme Initialization

Set mode switch (on the back of door) to “ON”.

Display shows “INPUT ID:\_\_\_\_\_”, please input seven 1 (default ID while leaving factory). Then press Key 12 (function confirmation key) to confirm and the display shows 

GROUP00:
ACTIONS

, and please press Key 12 to confirm and the display shows 

FUCTION00:
TEST MACHINE

, and press Key 12 to confirm and display shows 

ENTER:CONFIRM
EXIT:BACK TO MEN

, and then press Key 12 (**ENTER**) to confirm to go on the program of initialization, and press Key 10 (**EXIT**) to cancel the program of initialization and back to the last menu.

**Note:** This function clears the settings to nil (except for temperature). Using this function when program is abnormal or disordered.

# Way setting parameter

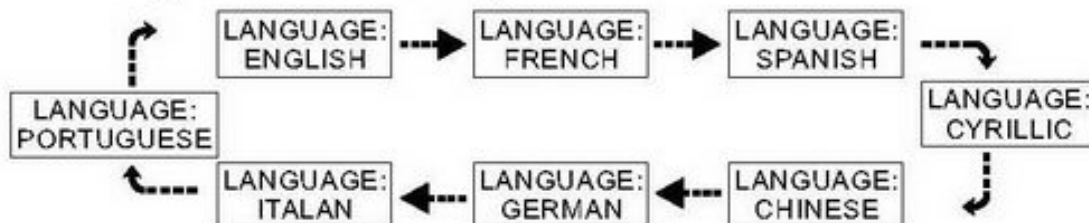
Set mode switch (on the back of door) to “ON”.

Display shows “INPUT ID:\_\_\_\_\_”, please input seven 1 (default ID while leaving factory). Then press 12<sup>th</sup> Key (function confirmation key) to confirm and the display shows **GROUP00: ACTIONS**, and then use 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **GROUP30: PROG SERVICE**, and please press 12<sup>th</sup> Key to confirm and the display shows **FUNCTION30: FACTORY DEFAULTS**.

## 1. Renew to Factory Default Setting

Under the status of **FUNCTION30: FACTORY DEFAULTS** to press Enter and **ENTER:CONFIRM EXIT:BACK TO MEN** shows and if press Enter again, all settings are back to defaults while leaving factory and then back to **FUNCTION 30** menu. If press 10<sup>th</sup> Key, it is back to **FUNCTION 30** menu. (for HV-100E, after completing defaults, you must set **FUNCTION35: FREE SALE** menu to **FUNCTION35: FREE SALE YES**).

**2. Language Setting** : When display shows **FUNCTION30: FACTORY DEFAULTS**, press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **FUNCTION31: LANGUAGE** and press 12<sup>th</sup> Key for confirmation and **LANGUAGE: ENGLISH** shows and at the same time press 6<sup>th</sup> Key to show orderly:



Press 4<sup>th</sup> leftward & 6<sup>th</sup> rightward Key to select the required language and press 12<sup>th</sup> Key to enter to store the setting and back to **FUNCTION31: LANGUAGE** menu. After language setting press 10<sup>th</sup> Key to back to **GROUP30: PROG SERVICE**.

**3. Buzzer Setting** : When the display shows **FUNCTION31: LANGUAGE**, to press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **FUNCTION32: BEEP YES/NO** menu. After pressing 12<sup>th</sup> Key for confirmation to press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **FUNCTION32: BEEP YES/NO NO** or **FUNCTION32: BEEP YES/NO YES** when **FUNCTION32: BEEP YES/NO YES** shows (or **FUNCTION32: BEEP YES/NO NO**) and press Key 12 for confirmation and store it.

# Setting of Related Drinks

Display shows  and press Key 10 again to be back to  menu.

**4. Names of Drinks :** When display shows  to press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select  menu. After pressing 12<sup>th</sup> Key for confirmation and showing  to enter its name. The way is to use 4<sup>th</sup> leftward & 6<sup>th</sup> rightward Key to select the required letter (that is move cursor to the place) and use 5<sup>th</sup> up & 11<sup>th</sup> down Key to select the required letter (circulate from A to Z). After entering press 10<sup>th</sup> Key back to  menu. Press 12<sup>th</sup> Key for confirmation and when it shows  To Press 6<sup>th</sup> right to  menu. Press 4<sup>th</sup> leftward & 6<sup>th</sup> rightward Key to move the cursor to the place you want to enter letter and use 5<sup>th</sup> up & 11<sup>th</sup> down Key to select the required letter . After naming the second drink to press 10<sup>th</sup> Key back to  menu. Under the circumstance of  menu press 12<sup>th</sup> Key for confirmation, and when display shows  use 6<sup>th</sup> rightward Key to  . Use the same way you can name the other drinks. After naming all drinks you can press 10<sup>th</sup> Key again back to  menu under the status of .

**5. Keys and Setting of Related Drinks :** When display shows  press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select  menu. When press 12<sup>th</sup> Key, display shows  menu, and at the same time you can press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select the number of related drink (SERVICE 01~SERVICE12), such as:  OR  . After setting the related drink of 1<sup>th</sup> Key, you can use 4<sup>th</sup> leftward & 6<sup>th</sup> rightward Key to select other keys and go on setting names of other drinks. After naming all, to press 12<sup>th</sup> Key back to  menu and then press 10<sup>th</sup> Key Enter back to  menu.

# Setting Free Drinks and ID

Set mode switch (on the back of door) to "ON".

Display shows "INPUT ID: \_\_\_\_\_", please input seven 1 (default ID while leaving factory). Then press 12<sup>th</sup> Key (function confirmation key) to confirm and the display shows **GROUP00: ACTIONS**, and then use 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **GROUP30: PROG SERVICE**, and please press 12<sup>th</sup> Key to confirm and the display shows **FUNCTION30: FACTORY DEFAULTS**.

**6. Setting ID (Password)** : When display shows **FUNCTION30: FACTORY DEFAULTS**, press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **FUNCTION34: NUM. MACHINE** menu. After pressing 12<sup>th</sup> Key Enter it shows **INPUT ID: \_\_\_\_\_**  
**CONFIR: \_\_\_\_\_** and then use the numbers on keys to set 7 numbers. After inputting that press 12<sup>th</sup> Key to enter and the cursor moves back to "CONFIR". At the same time press again the above 7 numbers and then press 12<sup>th</sup> Key, the display shows **FUNCTION34: NUM. MACHINE**. Then press 10<sup>th</sup> Key to go back to **GROUP30: PROG SERVICE** menu and ID is set. If ID is renewed, the new one shall be input when machine is on Mode status. (remember the new ID, if it is forgotten and the machine does not work, please contact manufacturer to buy a new chip.)

**7. Setting if Drink is Free** : When display shows **FUNCTION34: NUM. MACHINE**, press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **FUNCTION35: FREE SALE** menu. After pressing 12<sup>th</sup> Key display shows **FUNCTION35: FREE SALE NO** and press 5<sup>th</sup> up & 11<sup>th</sup> down Key to select **FUNCTION35: FREE SALE YES** or **FUNCTION35: FREE SALE NO**. After selecting press 12<sup>th</sup> Key for confirmation, and the setting can be stored and back to **FUNCTION35: FREE SALE** menu. Then press 10<sup>th</sup> Key back to **GROUP30: PROG SERVICE** menu and the setting is over.

\* When selecting **FUNCTION35: FREE SALE YES** for setting, it does not show **FUNCTION22: PRICES PROGRAM** (setting of unit price of drink and value of coin) menu. If you press any key of drink, drink will be directly out without coin and cup (you should prepare another cup). When users using **HV-100E** machine without coin and cup boxes set parameters, you should set **FUNCTION35: FREE SALE** parameters under the menu of **FUNCTION35: FREE SALE YES**.

# Way of Flavoring of Drinks

To press different keys for the best flavor and they are stored in control program.

## ○ Way of Setting Flavor / Setting of Raw Materials and Amount of Water

Set mode switch (on the back of door) to “ON”.

Display shows “INPUT ID:\_\_\_\_\_”, please input seven 1 (default ID while leaving factory). Then press 12<sup>th</sup> Key (function confirmation key) to confirm and the display shows GROUP00:  
ACTIONS, and then use 5<sup>th</sup> up & 11<sup>th</sup> down Key to select GROUP20:  
PROG SELECTION, and please press 12<sup>th</sup> Key to confirm and the display shows FUCTION20:  
SERV. PROGRAM, and the press 12<sup>th</sup> Key and the display shows SERVICE01:  
G-Water: 000C.C.

(Order of Materials Outlet/Raw Materials Box from left to right is G-Concentrated Coffee (liquid); A- 1st Raw Material; B- 2nd Raw Material; C- 3rd Raw Material, to consult see page 11 and parameter list)

**Setting of flavor of the 1st of drink:** When it shows SERVICE01:  
G-Water: 000C.C press 5<sup>th</sup> up & 11<sup>th</sup> down Key to set the amount of concentrated coffee (G) and the unit is CC. After setting the amount of G, use 12<sup>th</sup> rightward Key right to SERVICE01:  
C-Water Ti: 00.0S menu, and use 5<sup>th</sup> up & 11<sup>th</sup> down Key to set the time of coming of water of mixer of the 3rd material tank of the 1st kind of drink, and then press again 6<sup>th</sup> Key to move to SERVICE01:  
C-Water: 00.0S menu, and use 5<sup>th</sup> up & 11<sup>th</sup> down Key to set the time (amount) of water supply of mixer of the 3rd material tank (C) of the 1st kind of drink, i.e. the time of on-status of electromagnetic valve. Press again 6<sup>th</sup> Key to move to SERVICE01:  
C-Prod: 00.0S menu and use menu and use 5<sup>th</sup> up & 11<sup>th</sup> down Key to set time(amount) of coming of material of the 3rd material tank of the 1st kind of drink. Flavor of the 1st kind of drink is set.

**Setting of flavor of the other drink:** Go on pressing 6<sup>th</sup> Key right to set flavor of other drinks. For setting of flavor of the same drink you should use 5<sup>th</sup> up & 11<sup>th</sup> down Key to set and also flavor and the other 12 kinds of drink.

# Parameter specification

**Note:** The following is instruction of part of parameters with Ti  
2 parts with grinder and without grinder.

## 1. Work with grinder

At this time **Ti** expresses the delayed time before working  
after the grinded coffee powder is soaked by the water from  
electromagnetic pump. (\* A- it is called ①)

### For example:

- SERVICE01:**  
C-Water Ti: 03.0S ..... it expresses that it will be delayed for 3 seconds  
after working of ① and then water valve of **C**  
material gives water.
- SERVICE01:**  
C-Water: 05.0S ..... it expresses that the time of starting to give  
water of water valve of **C** material is 5 seconds.
- SERVICE01:**  
G-Water: 050C.C ..... it expresses that the amount of giving water  
of water pump of grinder is 50CC.
- SERVICE05:**  
G-Water Ti: 05.0S ..... it expresses that it will be delayed for 5 seconds  
after working of ① and then water valve  
of **C** material gives water.

## 2. Work without grinder

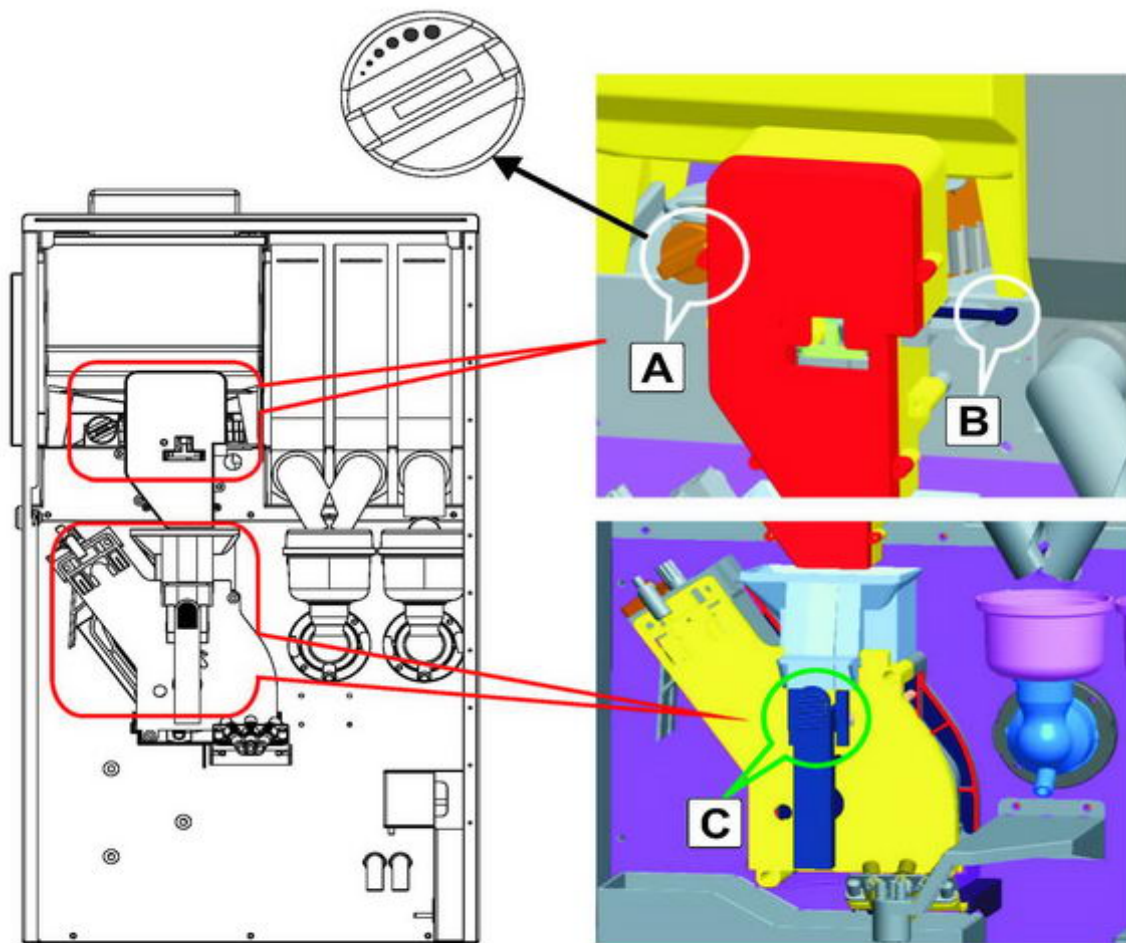
At this time **Ti** expresses the delayed time before working  
taking the time of giving water of electromagnetic valve as  
standard.

### For example:

- ↳ the standard point is called ②
- SERVICE08:**  
A-Prod Ti: 03.0S ..... it expresses that after ② works for 3 seconds  
drink **A** comes out.
- SERVICE08:**  
C-Water Ti: 05.0S ..... after 5 seconds of completion of ② water  
valve of **C** material gives water.
- SERVICE08:**  
A-Water: 00.0S ..... the only one without **Ti** of water amount of  
the 8<sup>th</sup> drink and it expresses the water amount  
of drink **A**, and also shows that this water  
electromagnetic valve is the 1st electromagnetic  
valve of current drink.

- SERVICE06:** B1-Prod Ti: 01.0S    **SERVICE06:** B2-Prod Ti: 02.0S    **SERVICE06:** B3-Prod Ti: 03.0S ..... This menu expresses  
material **B** of the 6th raw material feeds for 3 times after ②.

# Adjusting coffee volume and thickness



## 1. Adjust thickness of instant powder

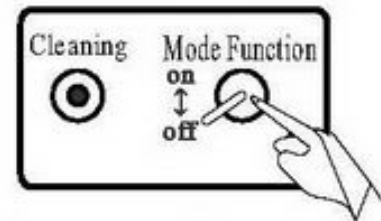
Rotate power thickness button(**A**) in clockwise to get find grinding coffee, and rotate in counterclockwise to get coarse grinding coffee. (Machines are in factory setting which can get optimum coffee. Please use the machine after a period and adjust the factory setting.)

## 2. Adjust coffee volume

Pull the adjustor bar(**B**) pull forward to reduce coffee quantity, and push back to increase coffee quantity.

# Setting water temperature

## Way of setting water temperature



Turn on the mode switch (in the back door), display shows “INPUT ID: \_\_\_\_\_”, then input password. Input number one in seven time (that is the factory setting), “1111111”, Meanwhile, press 12<sup>th</sup> button to confirm, display will show **GROUP00: ACTIONS**. After that, press 5<sup>th</sup> up & 11<sup>th</sup> down button to choose menu **GROUP20: PROG SELECTION**, and press 12<sup>th</sup> button to confirm again, display shows **FUCTION20: SERV PROGRAM**. After that, press 5<sup>th</sup> up & 11<sup>th</sup> down button to choose menu **FUCTION21: TEMPERATURE** and press 12<sup>th</sup> button to confirm, display shows **HTEMPERATURE1: 093°C**. This is heater temperature. At his time use 5<sup>th</sup> up & 11<sup>th</sup> down button to set temperature. Press 6<sup>th</sup> right button after finish setting, and display shows **HTEMPERATURE2: 96°C**, which means the instant heater temperature. 5<sup>th</sup> up & 11<sup>th</sup> down button also can be used for setting temperature. Press 12<sup>th</sup> button to return to menu **FUCTION21: TEMPERATURE**, after finish setting parameter, and press 10<sup>th</sup> button and to return to menu **GROUP20: ACTIONS**. Turn off the mode switch after setting is finished.

### Range for setting temperature:

Heater : 64°C~96°C

Boiler: 98°C~102°C

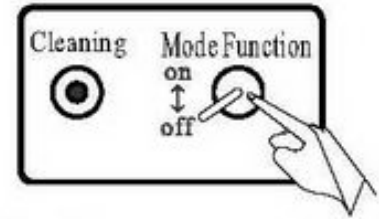
### Factory water temperature setting:

Heater : 93°C (Shows HTEMPERATURE1)

Boiler: 99°C (Shows HTEMPERATURE2)

# Setting unit price

Turn on the mode switch(in the back door),  
and LED will show “INPUT ID:\_\_\_\_\_”.



Input number one in seven time (that is the factory setting),

then press 12<sup>th</sup> button to confirm, display will show GROUP00:  
ACTIONS .

After that, choose GROUP20:  
PROG SELECTION menu by press 5<sup>th</sup> up and 11<sup>th</sup>

down buttons, and press 12<sup>th</sup> button to confirm again, display

shows FUCTION20:  
SERV PROGRAM . After that, by press 5<sup>th</sup> up and 11<sup>th</sup> down

button to choose menu FUCTION22:  
PRICES PROGRAM and press 12<sup>th</sup> button to

confirm, display shows SERVICE01  
UNIT PRICES:00.0 . This is the price for the

**first** drink, and use 5<sup>th</sup> the and 11<sup>th</sup> button to set the unit price.

After that press 6<sup>th</sup> right button to set price for **second** drink.

So do the left 11 kinds of drinks(SERVICE01~SERVICE13). If unit  
price is set at 00.0, free drink can be provided automatically.

But it is different with free of charge on page 16, it will take drink  
with a cup (you can understand it that no-setting of unit price on  
Page 16, and this is a price-setting drink and it is 0.)

# Setting coin value

**Setting coin value** (continuing the setting of unit price on Page 21)

Setting value for the 13kind drink and press the 6<sup>th</sup> button to the menu 

MONEY01
DENOMINATE:00.0

, then price can be set. The machine can accept 6kinds of world-wide coins at most. (From 

MONEY01
DENOMINATE:00.0

 to 

MONEY06
DENOMINATE:00.0

) [01] ; [02] ... [06] mean for price set in sequence (

MONEY01
DENOMINATE:00.0

 ...To... 

MONEY06
DENOMINATE:00.0

) Finish inputting and confirm with 12<sup>th</sup> button, ans press 10<sup>th</sup> return button to ESC.

- Notes: 1. Coin acceptor [01] ; [02] ... [06] value are set in the factory.
2. Price is set in sequence. [01] means the minimum price, and [06] means for the maximum price.
  3. If there are 4 kinds of coins to be used for the machine, then set price from [01] to [04], and the left is not necessary.

## for example:

If the set value is 50 cents and 1 yuan, the coin box has been set: [01] expresses 50 cents and [02] expresses 1 yuan. And then value of coin of machine is set with the same way: 

MONEY01
DENOMINATE:00.5

 → 

MONEY02
DENOMINATE:01.0

 and there is no need to set others.

# Cups(supply drinks) counting

Turn on the mode switch, and LED display shows

“INPUT ID:\_\_\_\_\_”Then input the password default

“111111”,and press the 12th button (confirmation button),

display shows 

GROUP00: ACTIONS
---------------------

 . Choose 

GROUP10: ACCOUNTING
------------------------

 menu by pressing

5th & 11th buttons, press 12th button to confirm again, and

display shows 

FUCTION10: MON. CASH BOX
-----------------------------

 .

1.Examing coin number: When the menu is in 

FUCTION10: MON. CASH BOX
-----------------------------

 , press

12<sup>th</sup> button to confirm. Press 10<sup>th</sup> button to return to the

TOTAL CASH: XXXXXX
-----------------------

menu 

FUCTION10: MON. CASH BOX
-----------------------------

 , and press it once again to return to

the menu 

GROUP10: ACCOUNTING
------------------------

 .

2. Examing total of supply the number: When shows 

FUCTION10: MON. CASH BOX
-----------------------------

press 11<sup>th</sup> down button to choose menu 

FUCTION11: P/TOTAL SAL
---------------------------

 and

confirm with 12<sup>th</sup> button, then supply quantity for all

drinks can be showed(etc: 

TOTAL SALES: XXXXXX
------------------------

 ). Press 10<sup>th</sup> button

Press 10<sup>th</sup> button to return to the 

FUCTION11: P/TOTAL SAL
---------------------------

 menu, and

press once more to return to menu 

GROUP10: ACCOUNTING
------------------------

3. Examing supply quantity for each drink: When LED shows

FUCTION11: P/TOTAL SAL
---------------------------

 press 11<sup>th</sup> down button to choose 

FUCTION12: P/UNITS/SAL
---------------------------

and confirm with 12<sup>th</sup> button, then 

XXXXXXXXXXXX: KEY01:000000
-------------------------------

 can be

showed for the first drink. The 4<sup>th</sup> and 6<sup>th</sup> the button can

be used to check supplies quantity for other drinks(KEY02

~KEY12). Press 10<sup>th</sup> button to return to the 

FUCTION12: P/UNITS/SAL
---------------------------

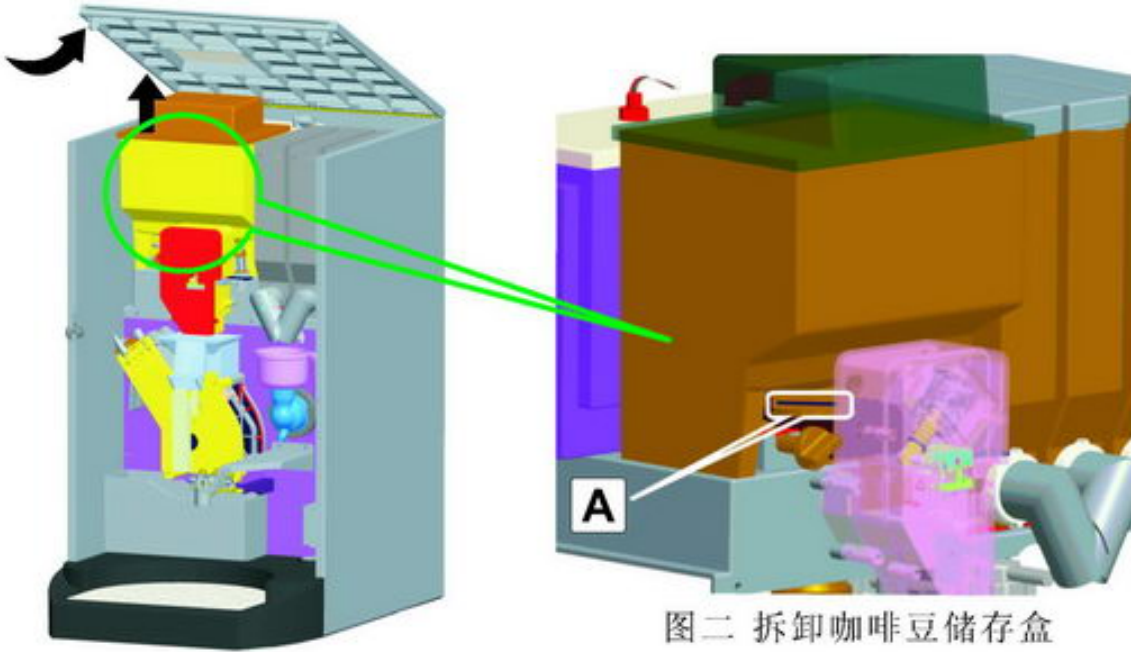
 menu,

and press once more to return to menu 

GROUP10: ACCOUNTING
------------------------

 .

# Way of dismantle parts



图二 拆卸咖啡豆储存盒

## 1. Way of dispatching spare parts

1. Open the front door and lift the cover.
2. Insert a slice on **A** avoiding coming out of coffee beans.
3. Pull out upwards the storage box.

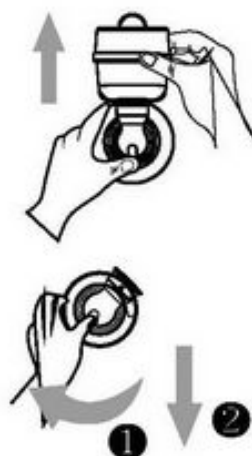
## 2. Way of dispatching brewer

1. Pull out the silica gel pipe connecting coffee maker after opening the door..
2. Fastening the handle of coffee maker and press the block on top (**C** on Page 19) and pull onward out.

# Way of dismantle parts

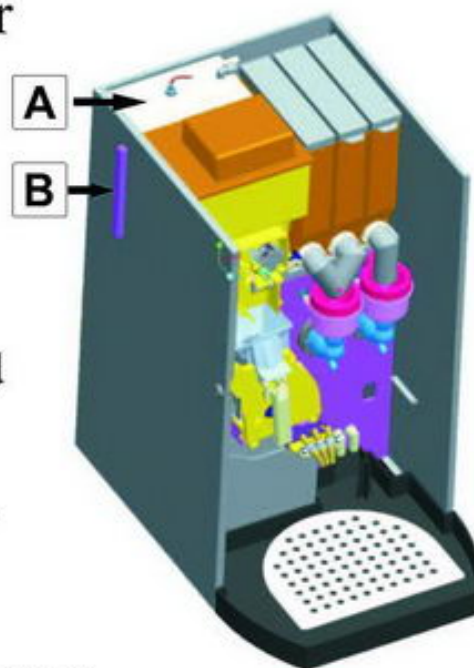
## ○ Way of dispatching raw material mixer is as below

- 1 Uplift the mixer upper part and extract it.
- 2 Whirl the mixer bottom part in clockwise and extract it.



## ○ Way of dispatching water tank is as below

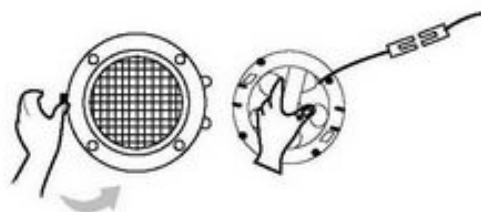
- 1 Turn off the machine and purge the water in the tank.
- 2 Open the tank cover(A).
- 3 Push the tank in the right side and extract it in the up side.
- 4 Take out the tank and do cleaning.



## ▶ Way of dispatching fan cover

⚠ Notes: The fan cover must be done cleaning often as some humid powder may be pasted on it when drainage pipe is working.

※ The fan cover must be done cleaning often as some humid powder may be pasted on it when drainage pipe is working.



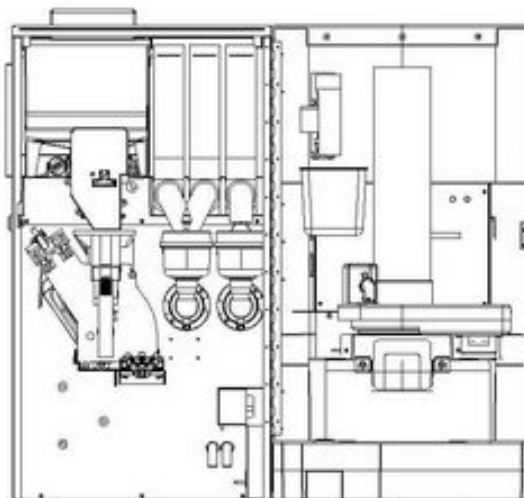
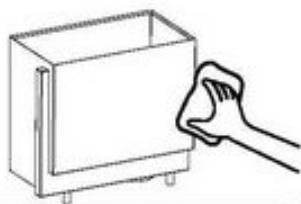
# Cleaning

The raw material powder will fall and solidify inside the machine and the water on the receptacle is accumulated for long time and it causes a foreign taste and not Hygienic and therefore frequent cleaning is necessary. Pull out the plug before cleaning.

- Do not clean with chemicals such as benzene and zinc thinner.

## \* Water tank

Clean the inside spots of machine with soft sponge paper. Clean over 2 times per month.



## \* Raw Material Bucket

Soak in water to solve the solidified material and clean it with soft sponge. Assemble after drying. Humid make material solidify and feeding be unsmooth. Clean over one time per month (or whenever material solidifies)



## \* Coffee Material Mixer

Soak it in water and clean it with a soft brush.

- After cleaning put it into the former place. Clean it once every day.



## \* Cup Hole

Clean it with wet cloth.

- Wipe water with dry cloth. Clean it once every day.



## \* Water Receiving Box

Pour out the accumulated water within the receptacle and soak in water and clean.

- After drying put it in the former position. Clean once every day.



## \* Fan Cover in the Exhaust Hole

Soak it in water and wash the powder and dust of material and dry it.



## \* Exhaust Fan

Remove powder and dust of material with a brush and clean it with wet cloth.



# Defect Confirmation

## Phenomena and Confirmation

### Does not start:



Is the plug inserted?  
Be sure the power is 220V.  
Is the fuse broken?  
Contact the service center  
and replace it with a new one.

### Raw material solidifies:



Is the machine not in work  
for a long time? Pull out the  
plug and clean the material  
bucket.  
Does not the exhausting  
motor work due to foreign  
matter?  
If the exhaust fan does not  
work and humid in the ma-  
chine can not be removed,  
please clean the exhaust  
pipe

### Paper cup does not come out:



Did you use non-standard,  
moistened or deformed cup?  
Remove the cup and place new ones.  
Are the cups in good order?  
Put the hand inside the mouth  
of cup and push it upwards.

### Alien noise:



Is the machine placed on  
slanting or uneven floor?  
Place the machine on the  
horizontal and even floor.  
Does the exhaust pipe  
have impurities and noise?  
--Clean the pipe.  
If there is the sound of  
boiling?  
--In order to keep the  
water temperature the  
heater is repeatedly  
started.

### Drink does not flow out smoothly:



- Are particles or is sticky material used?
- Use only designated material.
- Is the material in the tank solidified?
- Dismantle the tank and clean it.
- Is the tank placed in the former position?
- Are the raw coffee mixer and tea passage stopped up?
- Clean the mixer and passage.
- Is the material in the tank used up?
- Fill in the material.

### Strong alien taste:



Is the water in the water box  
long time?  
—Pour out the water in the box  
and clean it.

- Did you clean the inside of the machine periodically?
- Did you not use the machine long time?

—Pull out the power plug and  
remove material and clean the  
machine.

## Explanation of Notices on Display

- 1 Please give paper cups to cup storage pipe when display shows **NO CUP**.
- 2 Please dump the water in water plate when display shows **LEAK TALK FULL!**
- 3 The machine gives water automatically when display shows **WATER BLOCK**.
- 4 Press drink key and please give coffee beans after grinder works for 20 seconds and stops and display shows **Coffeebean block**.
- 5 During period of using the blue light around drink key will be off and do not work when taking out coffee maker (dunker) or water plate for cleaning. The blue light will be on after re-installing coffee maker and water plate and coffee maker is reset.

## Notice

- ※ Please cut off power when the machine is not used.
- ※ If power wire is damaged, avoiding danger, please change it by manufacturer or professional personnel.

### Appendix:

When setting parameters of **HV-100E**, you must set  menu to .

You must press Enter to store your setting after setting any parameter of any type of machine. When you complete setting and quit, you must turn off mode switch, or the machine will not work.