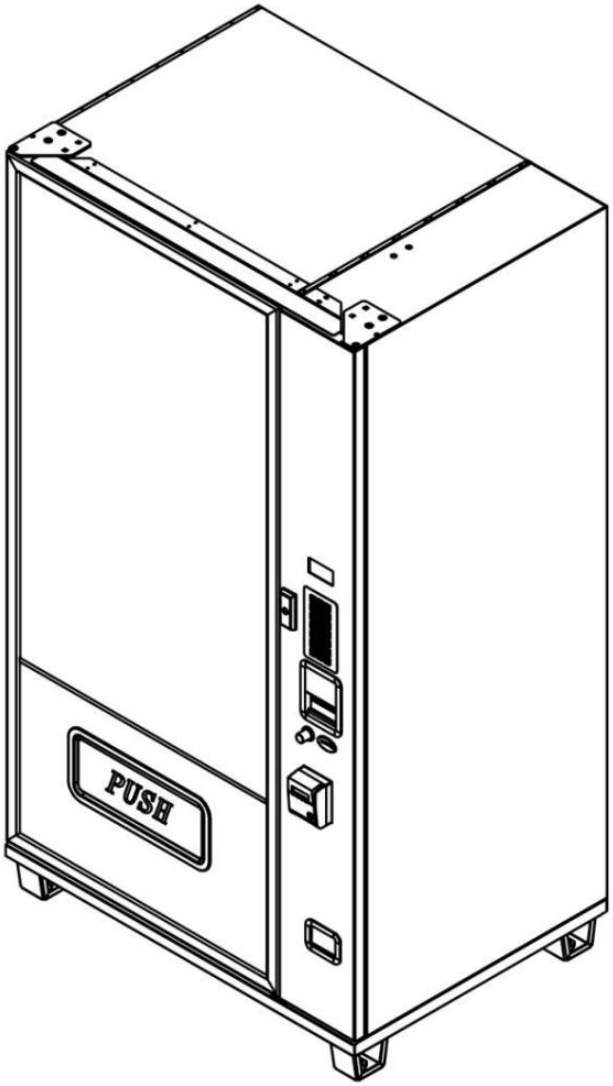
EPEX SERIES VENDOR



MODELS:

EP-G654

EP-G636

EP-G432

EP-G424

SERVICE MANUAL

OCT 2022

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INTRODUCTION

Thank you for choosing the EPEX series vending machine.
This manual briefly describes the vending machine's functionalities, operation methods, and maintenance. It also includes precautions and troubleshooting of common faults. Please read carefully before using the vending machine, and operate the vending machine accordingly. After you have mastered the functionalities, we recommend you keep this manual as a guide.

EPEX series vending machines have met various strict safety and performance standards, including the health guidelines and public safety hygiene standards recommended by AMHIC, the UL certification standards for vending machines in the United States, and the CE certification standards for vending machines in the European Union as well as China's 3C certification standards, the standard production of the American Vending Machine NAMA Association and the European Vending Machine EVA Association. To maintain the safety and performance standards of the machine, please do not change the original wiring and structure of the vending machine during installation and maintenance.

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1 INSTALLATION

1.1 PREPARATIONS

1.1.1 PLACEMENT

Indoor placement, install refrigeration limit plates, ensure that the distance from the wall is more than 10cm, and adjust the cabinet feet to balance the

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cabinet.

1.1.2 OPENING



Insert the key, open the door lock, turn the T-lock handle counterclockwise 6 to 8 rounds, and open the cabinet door. When the lock handle pops out, remove the key and put it away before rotating the lock handle to prevent the key from being lost or locked into the cabinet.

1.1.3 UNPACKING

Remove the tape and wire ties used to secure the tray and components.

1.1.4 POWER ON



Plug the machine's power cord, turn on the main power switch (with leakage protection) from the inside of the vending machine, and turn on the 110V power supply. The machine screen displays: The power socket should be properly grounded. The maximum load of a single machine power supply is not less than 1000W

1.1.5 PRICING

Carry out the commodity price setting of the goods through the management software, and insert the corresponding commodity price label.

1.1.6 PARAMETER SETTINGS

The main parameters of the machine before leaving the factory are: purchase method, cooling time period, communication enable, machine number, etc.

1.1.7 COIN MECHANISM OPERATION

Put at least 20 coins in each coin bucket of the coin dispenser, and each coin bucket has a capacity of about 80 coins.

The minimum number of guaranteed coins in each coin barrel of the coin

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machine is at least 3, and the maximum is at most 80! More than 80 coins in a single coin bucket can easily block the coin channel**.**

1.1.8 SIM CARD SETUP

Insert a mobile phone SIM card with CMNET function that stores the call charge into the communication module DTU, and can use the gold code vending machine management platform to monitor the operation of the machine remotely.

1.1.9 TESTING

Test the motors through the management software, observe the rotation state of these motors, and proceed to the next step if no anomalies are present.

1.1.10 TRAY CONFIGURATION

Arrange products in a sequence and matching of the products with the lane width and the string pitch accordingly.

1.1.11 LOCKING DOORS

Turn the T-lock handle clockwise for 3 to 5 rounds and press the lock handle.

Before leaving the machine, the operator should check to ensure that the door is locked, the lock handle will not pop out by tapping the lock surface, look for the door closing symbol on the display screen, and determine whether the cabinet door has been closed properly.

1.2 CASH VENDING

1.2.1 INSERTING CASH

Insert cash $1, $5, $10, $20 or coins Quarter, Dime, or Nickel through the bill acceptor or coin mechanism. Insert one (piece) each time; after 2 seconds, you may continue inserting.

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1.2.2 SELECTING ITEM

Use vending machine keypad to enter the item code displayed under the product. After entering the code, the vending machine will automatically vend the purchased product to the drop bin if the inserted coins' value is sufficient.

1.2.3 RETRIEVING ITEM

Push to open the drop bin door and retrieve the purchased items.

1.2.4 REFUNDS/CHANGES

Press the coin refund button to get coins back at the change/refund slot.

1.2.5 CONTINUE VENDING

①When the inserted money is sufficient, if you want to continue to buy, please repeat step (2.2).

②When the input money is insufficient, if you want to continue the purchase, please repeat steps (2.1) and (2.2).

1.3 CARD READER VENDING (CASHLESS)

1.3.1 SELECTING ITEM NUMBER

Use vending machine keypad to enter the item code displayed under the product. After entering the code, the LCD screen will automatically display the item code and price of the selected product.

1.3.2 INSERTING CARD

The vending machine can identify the non-contact IC card close to the card swiping area of the vending machine, stay for about 2 seconds, remove the card after hearing the "beep" sound, and the vending machine will

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automatically vend the purchased goods into the drop bin.

1.3.3 RETRIEVING ITEM

Push open the pickup warehouse door and retrieve the purchased items.

1.3.4 CONTINUE VENDING

Repeat steps (3.1), (3.2), and (3.3).

1.3.5 CARD BALANCE INQUIRY

When the display screen shows welcome to buy, put the non-contact IC card close to the card swiping area of the vending machine, stay for about 2 seconds, remove the card after hearing the "beep" sound, and put it away. The display screen shows charged amount and related information.

1.3.6 UNABLE TO PURCHASE

When the card is not accepted, the display will display information such as blocklist, insufficient amount, invalid card, and other information.

2 SAFETY PRECAUTIONS

2.1 SAFETY SIGNS

Types and meanings of warning signs

The precautions shown here contain important safety content, be sure to observe them! The types and meanings of warning signs are as follows:

Content of warning/Caution

 WARNING	Possibility of death or injury
 CAUTION	Possibility of injury or material damage

MEANING OF SIGNS

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	PROHIBITED		DO NOT DISASSEMBLE
			DO NOT TOUCH
	NOTE		GROUND TERMINAL
			MUST UN-PLUGGED
	CAUTION		EXPLOSIVE
			ELECTRICAL HAZARD
			PINCH POINTS
			FIRE HAZARD

2.2 SAFETY PRECAUTIONS

2.2.1 POWER SUPPLY



Use AC 220v/50hz/6A or 115v/60hz/12A power supply, if the voltage fluctuation range is too large (over 187 ~ 242v), it may cause the vending machine to fail to work normally. Under abnormal voltage conditions, the control board and the compressor to burn out, and the compressor to work loudly etc. Please do not operate your machine under abnormal power conditions. A suitable power supply or replacement of the line power cord ensures that the electrical appliances above 1000w can be used.

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2.2.2 GROUNDING

The power cord of this vending machine is equipped with a three-pin (grounding) plug, and must use an independent and dedicated standard three-pin (grounding) socket, and the socket must be reliably grounded. Under any circumstances, do not cut or remove the third pin (grounding) of the power cord.



2.2.3 DO NOT DAMAGE THE POWER CORD



Do not pull or roll the power cord, hold the plug firmly to unplug it

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2.2.4 DO NOT DISASSEMBLE/MODIFY MACHINES



Repair work must be carried out by professional and technical personnel. Self-modification of the vending machine may cause irreparable damage.



It is strictly forbidden to put inflammable and explosive dangerous goods, corrosive solid acids, alkalis, and other items in the vending machine.

3 TRANSPORTATION AND INSTALLATION

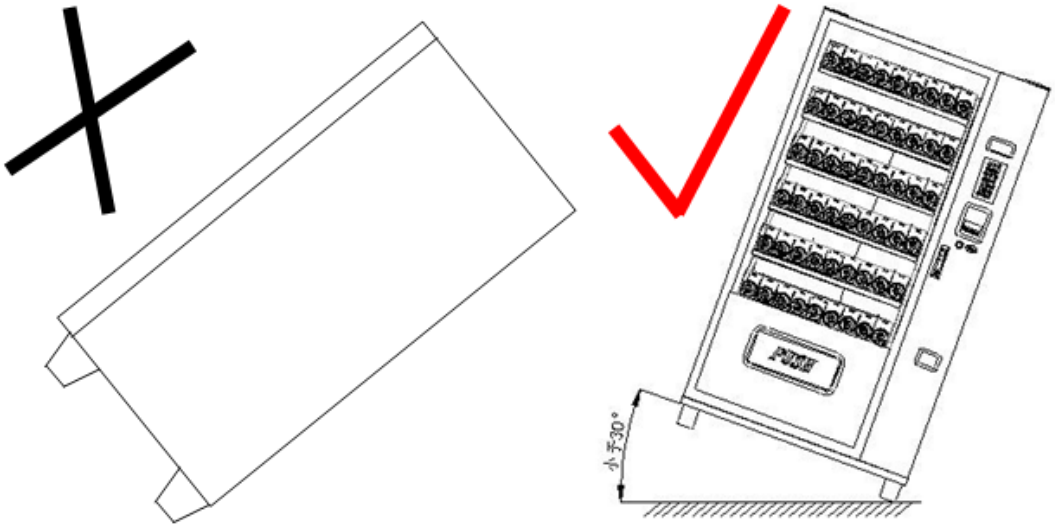
3.1 HANDLING OF VENDING MACHINES

3.1.1 – Switch off the power, unplug the power plug, and organize and fix the power cord;

3.1.2 – Empty all food and beverages in the vending machine;

3.1.3 – Fix moving parts such as trays and springs with tape or wire ties;

3.1.4 – Lock the vending cabinet door;



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3.1.5 – Use special or general-purpose forklifts to transport the vending machine. When transporting, the maximum inclination of the machine should not exceed 30 degrees (the angle between the vertical direction) to avoid the damaged to the refrigeration system and affecting normal operation.

3.2 HANDLING OF VENDING MACHINES

NOTE: This machine is for indoor use only.

3.2.1 – It is forbidden to place the vending machine in an exposed environment; otherwise, it may cause the failure of the refrigeration system;

3.2.2 – A cooling space of no less than 10cm is reserved on the back of the machine to facilitate air convection heat dissipation.

3.2.3 – Do not place the vending machine in a place that is wet or prone to splashing water. If water or dirt were splashed on the machine, it needs to be wiped off with a soft cloth immediately.

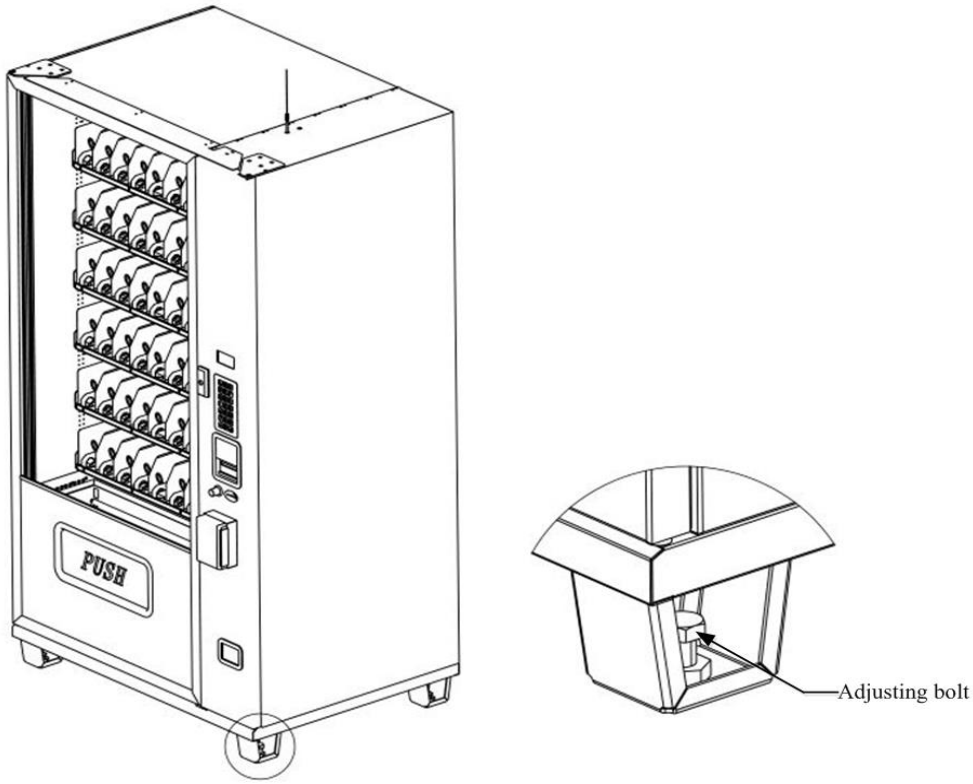
3.2.4 – When placing the vending machine near the door or under the roof, attention should be paid to rain-proof and sun-proof roof.

3.3 INSTALLATIONS

Position the vending machine in its place of operation on a flat, smooth surface in such a way that the machine's power cord easily reaches the power outlet or receptacle (DO NOT USE AN EXTENSION CORD), and check that the door will open fully without interference. If it needs to be raised, choose a stable, rigid and non-flammable pad. Use a special wrench (24# socket or 24# wrench) to adjust the adjustment bolts of the vending machine cabinet feet. Rotate the adjustable bolts clockwise to increase the height of the vending machine; rotate counterclockwise to reduce the height of the vending

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machine. After the machine is secured, it should not shake nor tilt.



4 SPECIFICATIONS

4.1 Machine Specifications and Applications

4.1.1 – Refrigerated integrated vending machine (G series)

The refrigerated vending machine can vend cold drinks and snacks at the same time. The refrigerated section can sell bottled, canned, boxed drinks, chocolate, sausage, instant noodles, biscuits, candy, fresh fruit, and other food, fruits, and vegetables. The temperature range of the entire machine (all six trays) can be set to 3°C to 10°C for all beverage vending configurations. It can also be adjusted separately, and the following 3 to 4 (C, D, E, F) trays (3°C to 10°C) to vend beverages, and 2 to 3 trays (A, B, C) above (16℃ to 22℃) to sell food, fruits, and vegetables.

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4.1.2 – Food vending machine (S series)

Food vending machines are unrefrigerated. It can be used to vend medicines and other single-use goods. It is a low-cost easy to maintain, and power-efficient solution.

MODEL / ITEM	Refrigerated Combo Machine EPEX-G636	Refrigerated Combo Machine EPEX-G654
Dimensions	830(W)×750(D)×1905(H)Millimeters	1030(W)×750(D)×1905(H)Millimeters
Weight (KG)	245	275
Capacity	Comprehensive configuration: 18 kinds of small commodities 117 pieces can be sold 18 kinds of drinks 90 bottles (cans) can be sold	Comprehensive configuration: 19 kinds of small commodities 201 pieces can be sold 26 kinds of drinks 130 bottles (cans) can be sold
Power Supply	AC 220v±15% 50HZ or 115v±10% 60HZ	AC 220v±15% 50HZ or 115v±10% 60HZ
Maximum Power	<600w	<600w
Average Daily Power Consumption	5 kWh/day (cooling on)	5 kW/day (cooling on)
Electric Shock Protection	Type I	Type I
Refrigerated Temperature	3℃～14℃ (adjustable) computer temperature control	3℃～14℃ (adjustable) computer temperature control
Stratified Temperature	YES	YES
Refrigerant	R134a Eco-friendly	R134a Eco-friendly
Conditions	Indoor	Indoor

(Note: Specifications are subjected to be modified without prior notice)

4.2 FEATURES

4.2.1 – Payment Systems

The control system of the vending machine adopts the international MDB interface standard, which can be easily matched with the coin

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dispenser, banknote dispenser, IC card or other payment method modules that conform to the MDB standard, effectively expanding the payment scope of the machine.

4.2.2 – Promotional Sales

The machine has a variety of interesting commercial promotion management programs such as shopping prizes, gifts, discount sales, etc. After directly connecting the entertainment module (light, light, electricity), users can enjoy the lottery function when purchasing goods.

4.2.3 – Intelligent management

The machine has a powerful inventory data statistics, storage, and inspection management system, which can directly query and analyze sales data, cash payment data, operating status data, and machine failure data. It can be connected for network operation management, which can effectively improve the performance of operation management.

4.2.4 – Large Variety of Products

The machine is suitable for selling various packaged beverages and food, such as canned, bottled, boxed, and bagged. The width and length can be flexibly adjusted according to the size of the goods. The sales of beverages and food can be flexibly adjusted according to different seasons.

4.2.5 – Eco-Friendly

The machine uses eco-friendly R134A fluorine-free refrigeration system. Its noise reduction system and advanced spraying technology can greatly reduce environmental interference and pollution. The computer temperature control system is adopted to automatically adjust the cooling method and effect according to the ambient temperature, effectively reducing energy loss.

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4.2.6 – Accessibility

The large-screen LCD operation screen adopts a double-slot text display, which is convenient for informing customers. Management operation menu prompts allow machine managers to setup the machine function settings.

4.2.7 - Safety and Reliability

Using anti-riot tempered glass, all-steel cabinets, and multiple anti-theft designs ensure the safety of commodities, currency, and equipment.

4.2.8 - Troubleshooting

It can automatically and quickly diagnose the faults of the machine itself, banknotes, coins, card readers, and other modules and prompt the operator with fault information, which is convenient for effective daily maintenance.

4.2.9 – Item Drop Detection (Note: Item Drop Detection is a non-standard configuration)

Automatically detect whether the product purchased by the customer falls into the pickup bin. If the product purchased by the customer does not fall into the pickup bin, the customer can re-select the product or choose to refund it.

4.2.10 – Temperature Stratification (Refrigerator)

The temperature range of the refrigerator can be set according to customer's needs. The temperature range of the upper two to three trays is 16°C to 22°C (suitable for placing food), and the temperature range of the lower two to three trays is 3°C to 10°C. (suitable for placing drinks).

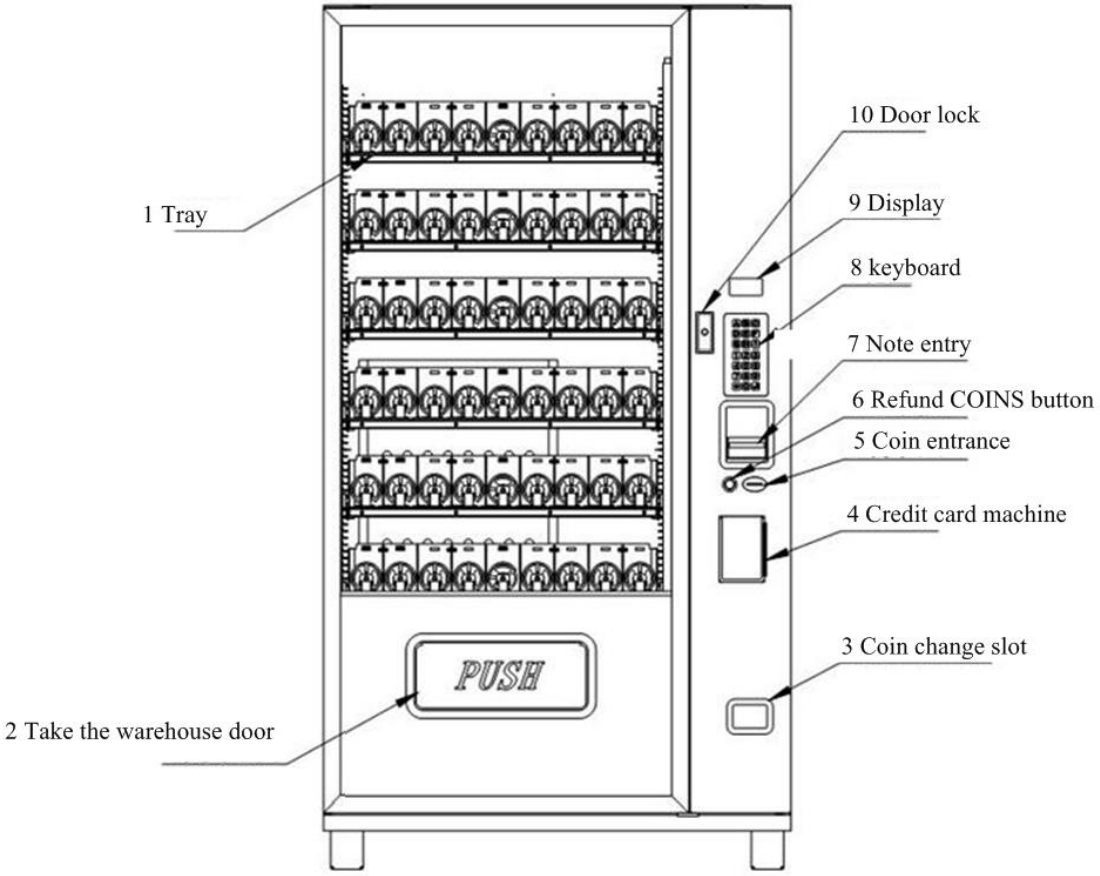
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4.2.11 – Network Communication

The machine has a network communication function, and operators can remotely query, analyze, manage and control the vending machine through computers, tablets, and mobile phones.

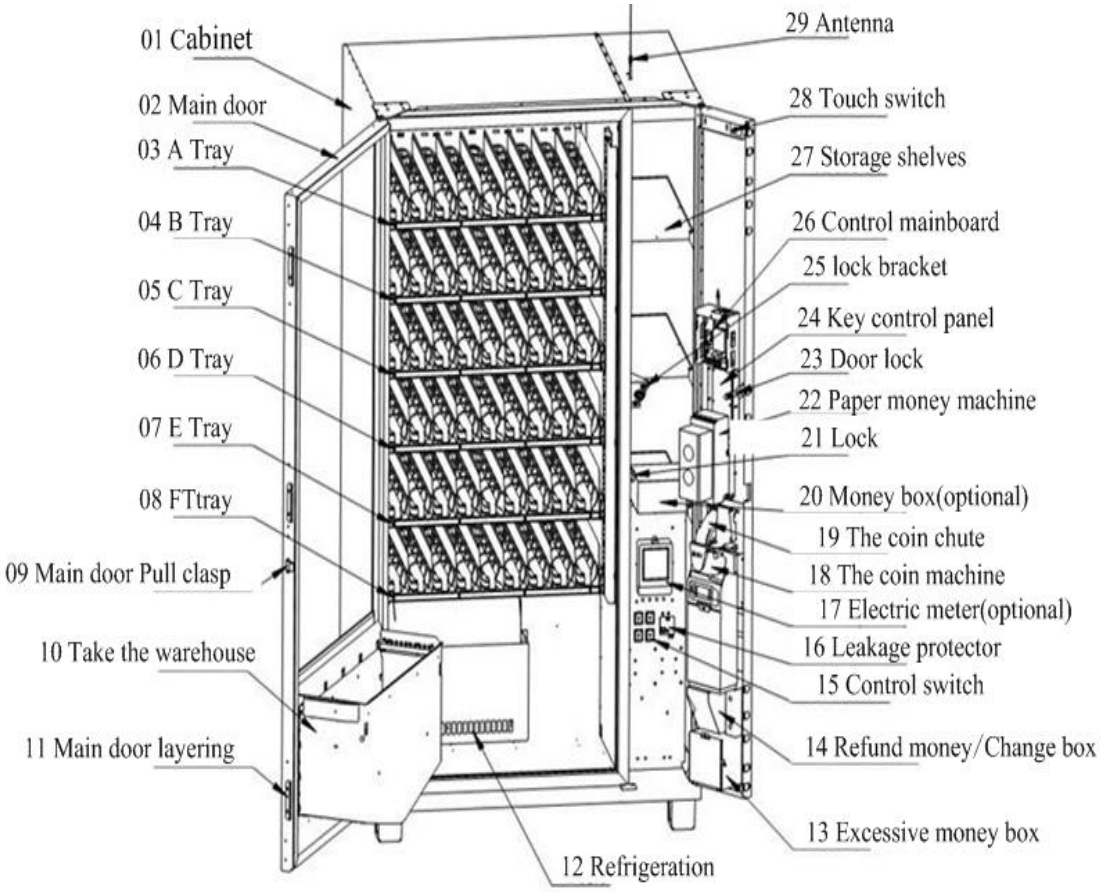
4.3 MACHINE SCHEMATIC

4.3.1 Front View



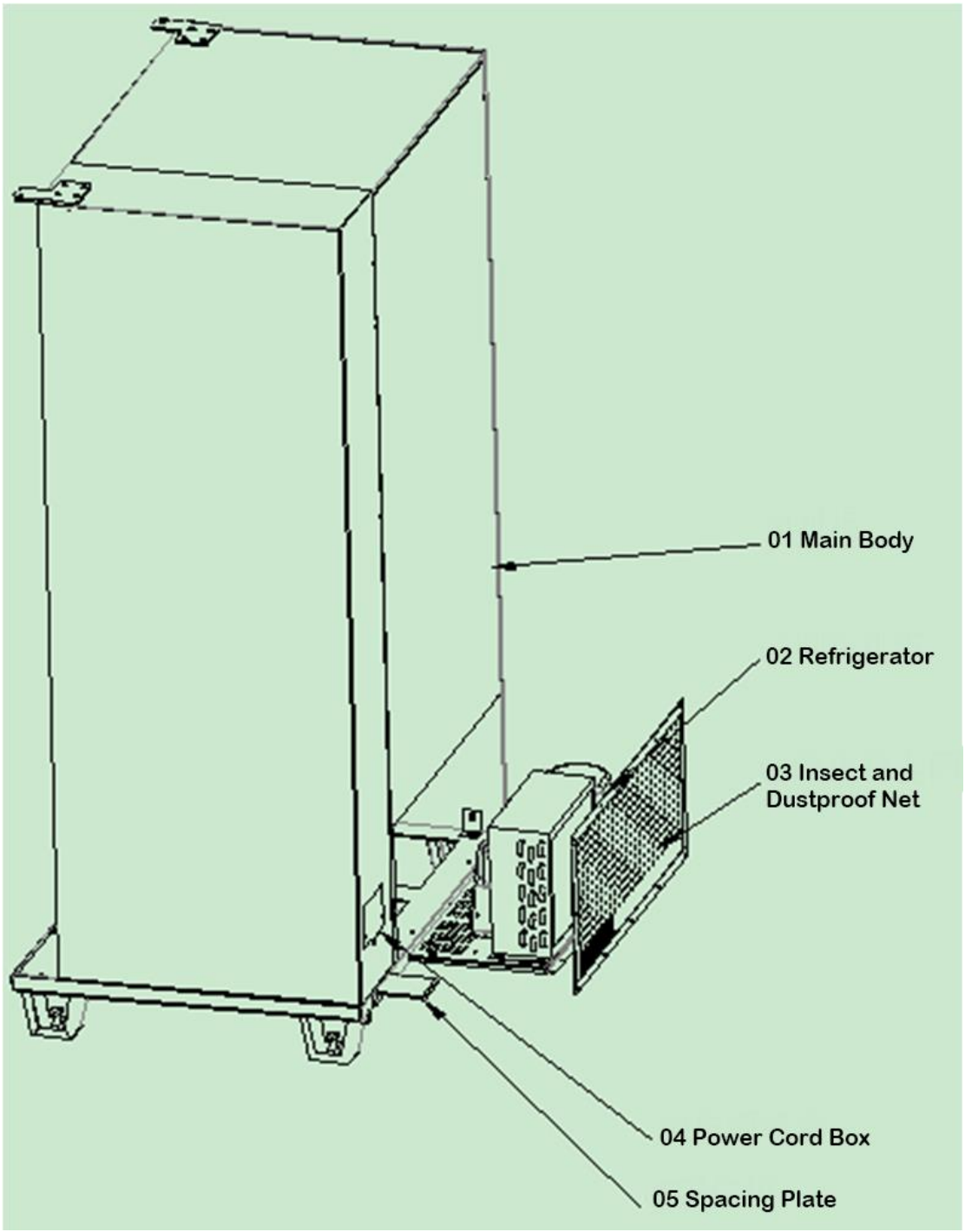
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4.3.2 Open Door View



4.3.3 Back View

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4.3.4 Keyboard Schematic

4.3.4.1 Press H Key Quick Search

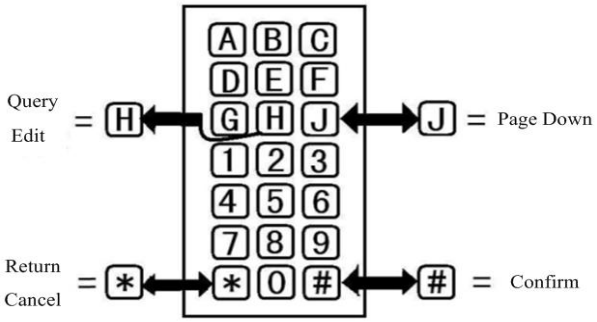
4.3.4.2 Press J Key Page Down

4.3.4.3 Press * Key Cancel,
Return, Exit

4.3.4.4 Press # Key Confirm

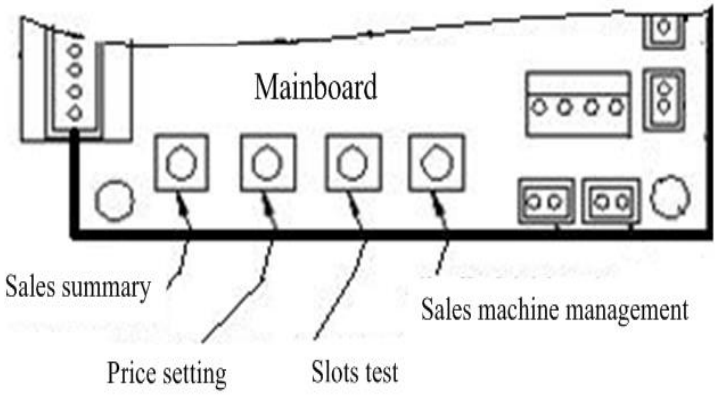
4.3.4.5 Press 0-9 Keys for Numbers

4.3.4.6 Press A-F Keys for Letters



Shortcut button (located at the bottom of the motherboard, as shown in the picture)

- Vending machine management
- Slots test
- Price setting
- Sales summary



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4.3.5 Power Operation Panel

4.3.6 Main power switch (leakage protection)

4.3.7 Refrigeration unit switch (press "I" at the lower end of the switch to open)

4.3.8 Glass heating switch (press "I" at the lower end of the switch to open)

4.3.9 LED lighting switch (press "I" at the bottom of the switch to turn on)

4.3.10 Main Control Switch (power switch that controls the motherboard, used when the control system needs to be restarted, turn off the main control switch and wait for 4 seconds, then turn on the control system to automatically restart)

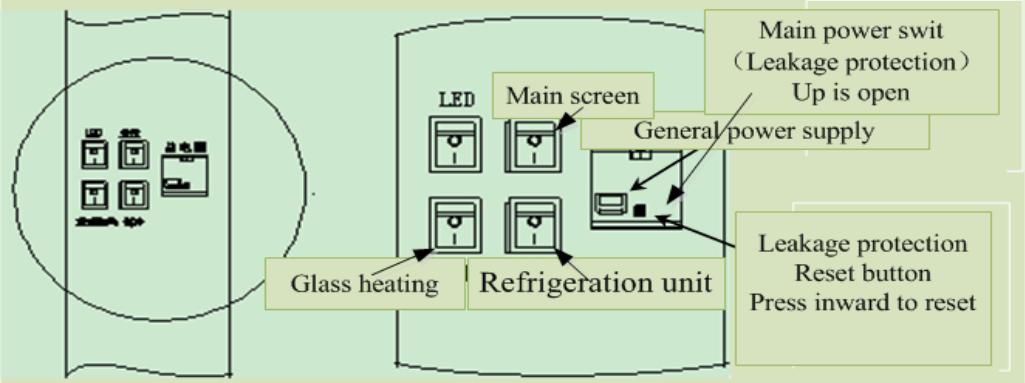
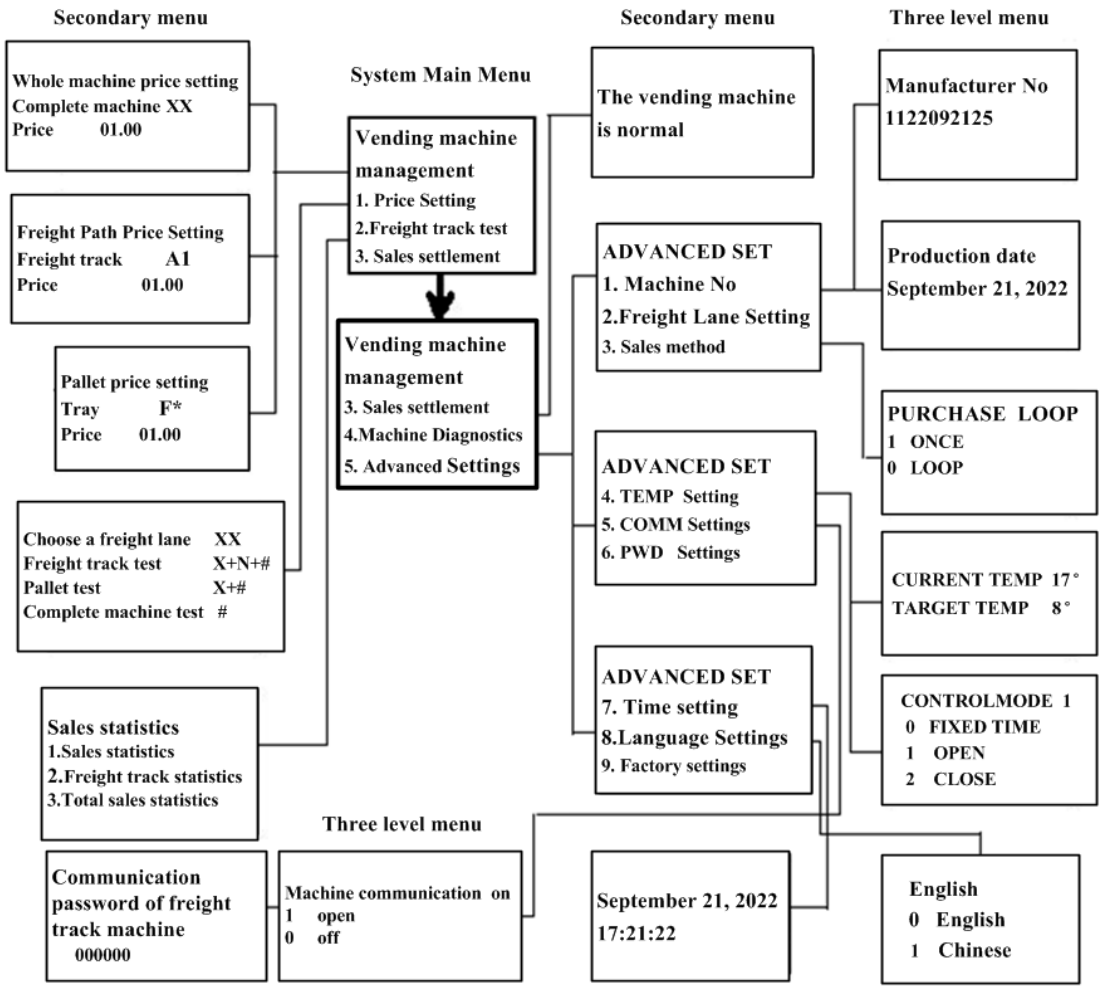


Figure 15 Distribution of power panel switches

5 System Software Operation Guide

Overview of the system software menu

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5.1 MANAGEMENT SYSTEM INTERFACE ENTERING/EXITING

Content	Steps	LED Display	instructions
Enter from the operation keyboard (After opening the door)	1. Press # key 2. Enter the 6-digit password	PW. XXXXXX	Door open Default 000000
Access from shortcut button (After opening the door)	1、Press the shortcut button	**Vending machine management** **1. Price Setting** **2.Freight track test** **3. Sales settlement**	Located under the control panel

5.2 PRICE SETTINGS

Content	Steps	LED Display	Instructions

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Entering price settings	1. Press 1 to enter price setting 2. Or press the J (↓) key to move the cursor to the price setting, and press the # key to confirm 3. Or press the shortcut key below the motherboard to enter the price setting	**Vending machine management** **1. Price Setting** **2.Freight track test** **3. Sales settlement**	Operation after entering the system main menu; Or directly press the price setting shortcut key below the main control panel
Machine bulk price setting	1. Press # to confirm and move the cursor down to the price line; 2. Enter the price directly 3. Press # to confirm.	**Whole machine price setting** **Complete machine XX** **Price 01.00** After pressing the #Enter key, it will display: Setting… The price of the whole machine is successfully set	** Indicates the whole machine All slots are the same price All prices can be saved after power off and will not be lost. **Price $1.5** **Enter 0150** **Price $10.5** **Enter 1050**
Tray price setting	1. Enter the tray number A-F 2. Press # to confirm, the cursor moves down 3. Enter the price 4. Press # key to confirm 5. Continue 1-4 or press * to exit	Pallet price setting Tray F* Price 01.00	F* means that all slots of F try are the same price Press # to confirm before setting the next tray price or exiting the tray price setting
Slot price setting	1. Enter the tray number A-F 2. Enter the slot number 0-9 3. Enter the price (automatic confirmation) 4. Press the J or ↓ key to enter the price setting of the next slot in sequence 5. Or repeat 1-3,	Freight Path Price Setting Freight track A1 Price 01.00 Please select the freight path Freight track ** Price Successfully set A1	A-F means tray number, 0-9 means slot number Press J or ↓ to enter the next slot price setting Press * to exit the price setting, the system will automatically confirm the freight lane price set before exit

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	set discontinuous freight lane prices at will 6. Press # to confirm before exiting, it will show that the current slot is successfully set. 7. Press * to exit		
Price lookup	1. Enter the tray number A-F 2. Enter the slot number 0-9	Amount of money 9.0 element Freight track F1	Enter the "Welcome" interface Returns after displaying the price for about 2 seconds

5.3 SLOT TESTING

The machine can automatically test the delivery motor, and quickly check the fault of the delivery status of the machine

Content	Steps	LED Display	Instructions
(From the system main menu) Into the slot test	1. Press 2 to enter the slot test 2. Or press the J key to move the cursor to the slot test, and then press the # key to confirm 3. Or directly press the shortcut key below the motherboard to enter the slot test	Choose a freight lane XX Freight track test X+N+# Pallet test X+# Complete machine test #	X -- represents tray, A, B, C, D, E, F N — represents the slot, 0 9 + -- means to enter next # --Enter
Machine test	1. Press # key 2. Press * to exit	Complete machine test A9 AAAAAAAAA 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0	Slots of the whole machine are tested in sequence A9 - testing the A9 slot A...A-A tray has 9 slot capacity 1...9—Slot Number 1...9 0—The test result is normal, non-0 means abnormal

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Tray test	1. Enter the tray number A-F 2. Press # to confirm 3. Press * to exit For example: enter A # *	Tray test A9 AAAAAAAAA 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0	Tray slots cycle test in sequence A9--Currently testing the A9 slot of the A tray. 0—The test result is normal, non-0 means abnormal
Slot test	1. Enter the tray number A-F 2. Enter the slot number 0-9 For example: enter A9	Freight track test A9 AAAAAAAAA 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0	Slot test once A9 - Currently testing the A9 slot. 0—The test result is normal, non-0 means abnormal
code information		Complete machine test A9 AAAAAAAAA 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0	Full machine test in progress A9 - testing the A9 slot A…A—Tray A has 9 slots 1…9—tray lane number 1…9 0…0—A tray all motor test results are normal

5.4 SALES REPORT

You can check the total amount of sales, the number of sales, and the number of received banknotes, coins, etc., of machines, trays, and slots. The total sales and the total amount of sales information of the machine cannot be edited. Other types of data can be cleared.

5.5 DIAGNOSIS

The machine can automatically detect the operational status of the bill acceptor, coin dispenser, keyboard, temperature control board, machine control board, and other components. Using this function, maintenance personnel can quickly diagnose and troubleshoot machine faults.

Content	Steps	LED Display	Instructions
Coin dispenser		C	First letter of “Coin”, working properly
Bill acceptor		B	First letter of “Bill”, working properly

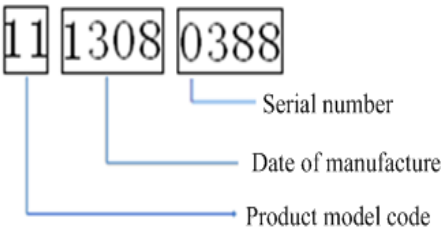
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IC (Integrated circuit) Card reader	Press H key once	I	First letter of “IC Card”, working properly
DTU (Data Transfer Unit)		L	First letter of “Line”, working properly
Drop detection		D	First letter of “Drop”, working properly
Circuit board		Box shape	Vending driver is working properly
Temperature Sensor		Display the temperature inside the machine	Display the temperature inside the machine
Compressor		Snowflake shape	Motherboard sends out compressor start signal
Slot motors	Press H key 4 times	Report the fault motor number	
long adapter board	Machine slots test	display “1” or other characters	If the motor errors are in odd or even positions, respectively, there is a problem with the long adapter plate or tray connection cable
temperature control board			
LED Display	Press the number and letter keys in sequence	Display corresponding numbers and characters	The brightness of the LCD screen can be adjusted through the potentiometer on the motherboard
Cooling fan			
keyboard	Press the number and letter keys in sequence	Display corresponding numbers and characters	You can hear keystrokes
door touch switch	press the door switch with your hand while keeping the door open	Welcome	Immediately return to the sales interface from the management interface

5.6 ADVANDCED SETTINGS

Content	Steps	LED Display	Instructions
(From the system main menu) enter advanced settings	1. Press 5 to enter advanced settings 2. Press the J key to place the cursor on the advanced	ADVANCED SET 1. Machine No 2.Freight Lane Setting 3. Sales method	Enter the system main menu

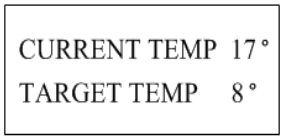
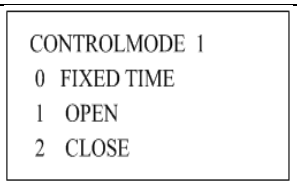
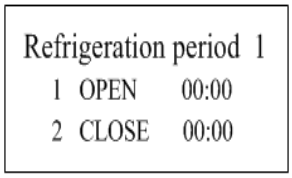
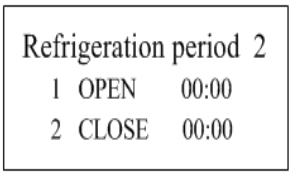
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	settings, and then press the # key to confirm 3. Press the J direction ↓ key to display 123, or 456, or 789 items of advanced settings in sequence.	ADVANCED SET 4. TEMP Setting 5. COMM Settings 6. PWD Settings ADVANCED SET 7. Time setting 8.Language Settings 9. Factory settings	
Machine identification code	1. Press 1 to enter 2. Enter four digits 3. Press # to confirm	Vending machine No 1234	The vending machine number is set by itself for the convenience of customers to manage the machine
Manufacturer serial number	1. Press 1 to enter 2. Press the J key to scroll down 3. Press # to confirm	Manufacturer No 1122092125	View manufacturer serial number
	Serial number: the cumulative number of vending machines produced in the current month Production date: XX year XX month Product model code: 10--KVM-G636 refrigerated integrated vending machine 11--KVM-G654 refrigerated integrated vending machine 13--KVM-S654 Room temperature food vending machine 18-- KVM-F600 Heated Fast Food Vending Machine 21-- KVM-G654M Refrigerated Multimedia Vending Machine		
Date of manufacture	1. Press 1 to enter 2. Press the J key to scroll down 3. Press the J key to scroll down 4. Press # to confirm	Production date September 21, 2022	Check the date of manufacture for this machine

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Slots setting	1. Press 2 to enter [Slots Setting] 2. Enter four digits 3. Press # to confirm	Please select the freight path ** H Set J B9 BBBBBBBBB 123456789 Please select the freight path B1 BBBBBBBBB 12+4+6+8+ 000000000	1. Select the number of the slots to be linked (odd-numbered slot), and press the J key to select the slot to be linked Press H key to select linkage 2. This function is used for slots driven by dual motors. 3. When doing these slots setting, please do it under the guidance of after-sales service personnel.
method of sales continuous purchase single purchase	1. Press 3 key to enter 【Sales Method】 2. Press 1 button (single) 3. Press the 0 key (Consecutive) 4. Press the J down ↓ key 5. Press # to confirm	PURCHASE LOOP 1 ONCE 0 LOOP	Consecutive purchases: You can purchase multiple times after coin insertion, and press the button to withdraw from the balance. Single purchase: After one coin purchase, the machine will automatically withdraw from the balance.
free sale	1. Press the 1 button (on) 2. Press the 0 key (close)	COMPENSATE OFF 1 ON 0 OFF	In the free state, the price of all slots is 0, and the goods can be shipped directly according to the slot number.
Compulsory purchase	1. Press the 1 button (on) 2. Press the 0 key (close)	MUST BUY OFF 1 ON 0 OFF	ON: After inserting banknotes, you must make purchases before returning

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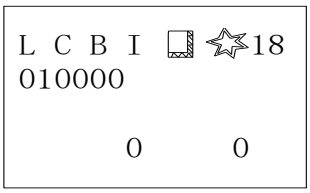
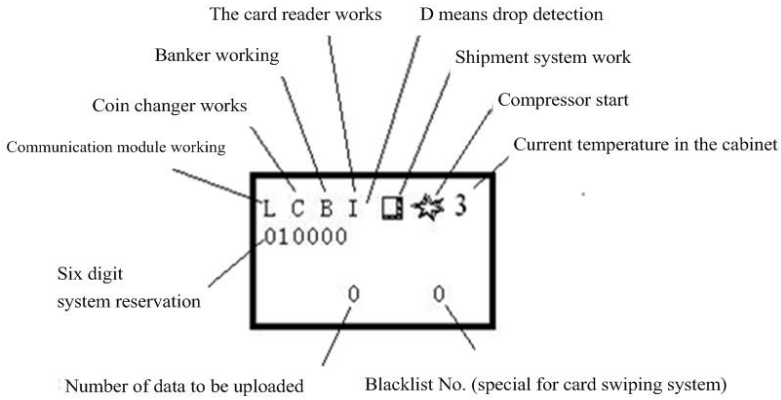
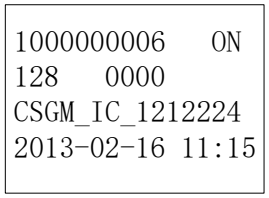
			coins/change. OFF: Coins can be exchanged for banknotes instead of shopping;
temperature setting	1. Press the 4 key to enter [Temperature Setting] 2. Enter the target temperature 3. Press the J key to scroll down		The cooling zone is the target temperature (minimum temperature) + 4 ℃
Timed cooling	1. Press the 1 button to turn on the cooling 2. Press the 2 button to cool off 3. Press the 0 key to cool down the timing 4. Refrigeration period 1 5. Enter the opening time 6. Enter the closing time 7. Press the J key to scroll down 8. Refrigeration period 2 9. Enter the opening time 10. Enter the closing time 11. Press # to confirm	  	Refrigeration on: work according to the set target temperature for 24 hours Cooling off: Cooling off Cooling timing: 2 time periods of cooling can be set 00:00 means hour For example: set cooling period 1 Open 07:00 close 23:00 The machine cooling is turned on at 7:00 am and off at 11:00 pm. Refrigeration system shuts down from 11:00 pm to 7:00 am the next day.
Communication settings Communication password setting	1. Press the 5 key to enter [Communication Settings] 2. Enter the six-		Communication password setting machine communication

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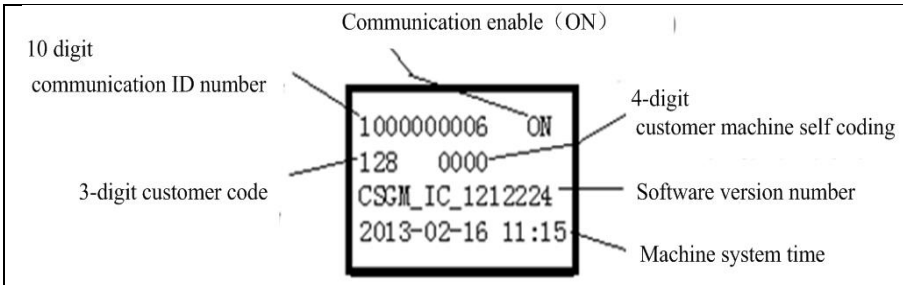
Communication enable setting	digit password 3. Press the J key to flip the screen 4. Press 1 button to open the communication 5. Press the 0 key to communicate 6. Press # to confirm	Communication password of freight track machine 000000 Machine communication on 1 open 0 off	
Password setting	1. Press the 6 key to enter [Password Settings] 2. Enter the six-digit password 3. Enter a new six-digit password 4. Press # to confirm	Please input a password ****** Please enter a new password 123456	The default password for the vending machine is 000000 Before changing the password, please write down the new password in your mobile phone or write it in your notebook and keep at in a safe palce
Time setting	1. Press the 7 key to enter [time setting] 2. Enter the year, month, and day 3. Input hour and minute 4. Press # to confirm	September 21, 2022 17:21:22	The correct date and time are very important for billing and settlement of credit card purchases! Remember to check the date and time!
Language setting	1. Press 8 to enter [Language Settings] 2. Press 0 key for English interface Press 1 button for Chinese interface	English 0 English 1 Chinese	
Reset factory setting	1. Press the 9 key to enter [factory settings] 2Press 3 to backup machine data. 3. Press key 1 to restore factory settings	1.FACTORY RESET 2.Restore production data 3.Backup production data 4.Return	Reset to factory setting: Factory data reset: sales statistics cleared Back up machine data: back up the data that has not

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	4. Press 2 to restore factory data 5. Press * to return		been uploaded to prevent the loss of operating data to be uploaded in the background when the core board is replaced
	The factory setting items are: 1. The price of the whole machine is set to 1 yuan; 2. Manufacturer number 3. Date of manufacture and machine time 4. Sales method: continuous purchase 5. Temperature control mode: open; target temperature: 8 ºC 6. Machine communication enable: open, communication password: 000000 7. Language setting: English		
	1. Before restoring factory data, choose 3 to backup machine data 2. Before replacing the main board, choose 3 to backup the machine data		

Content	Steps	LED Display	Instructions
Quick Search	Press H Key		
			
	Press H Key		

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The 10-digit communication ID number is set by the manufacturer and cannot be modified by the customer!

Machine system time is crucial for billing and settlement of vending machines with card shopping! Remember to check the date and time!

6 PPRODUCT PLACEMENT GUIDE

6.1 PRODUCT PLACEMENT:

6.1.1 Lay the Tray Flat:

lift the tray up with both hands, pull it out to the limit, and gently put it down until the rear wheel of the tray is stuck, let go of the hands, and the tray is laid flat, which is convenient for D, E, F trays to be placed.

6.1.2 Tray Tilting:

lift the tray up with both hands, pull it out to the limit then back about 1cm, and gently put it down until the rear wheel of the tray is stuck, release your hands, and the tray is tilted, which is convenient for A, B, C trays placement.

6.1.3 Product Fitting

- The width of the product should match the width of the slots;
- The thickness of the product should match the spring pitch;
- Product height should match the height between trays.

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6.1.4 Place Products in Sequence

Products should be placed in order, and empty spacing are strictly prohibited.

6.2 SATRTING POSITION OF SLOT SPRINGS

6.2.1 Selling Boxed Food

When selling boxed food, no matter whether it is a double slot or a single slot, adjust the starting position of the spring at the 6 o'clock position, so that the boxed food is blocked by the front end of the spring and is won't slip off by itself.



6.2.2 Selling Bagged Food

When selling bagged food, adjust the starting position of the double slot channel left spring at 3 o'clock, the right spring's starting position at 9 o'clock, and adjust the single slot channel spring's starting position at 3 o'clock, so that the bagged food won't be caught by the springs during vending.

6.2.3 Selling Beverages

When selling beverages, adjust the starting position of the single slot spring at the 3 o'clock position.

6.2.4 Selling special packaged food

For some special products, the starting position of the spring such as sausages, chewing gum, and chocolate bars should be determined according to the specific situation.

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6.3 BOTTLES, CANS, AND BOXED BEVERAGES PLACEMENT

6.3.1 Placement of Canned Beverages

6.3.1.1 Canned (about **66mm** in diameter, **91mm ~ 125mm** in height)

1) Select 9-tray slot
2) Adjust the starting position of the 9-tray, coil the spring 5 times at the 3 o'clock position
3) Adding slot supporting strips
4) Place canned beverages on the supporting strips in sequence

6.3.1.2 Canned (about **55mm** in diameter, about **133mm** in height)

1) Select 9-tray slot
2) Adjust the starting position of the 9-tray, coil the spring 6 times at the 3 o'clock position
3) Tilt the canned beverages backward and place them in sequence

6.3.2 Placement of Bottled Beverages

6.3.2.1 Bottled (about **56mm** ~ **76mm** in diameter, **200mm** ~ **250mm** in height)

1) Select 8-tray slot
2) Adjust the starting position of the 8-tray, coil the spring 5 times at the 3 o'clock position
3) Place bottled beverage upside down in sequence and tilt it back

6.3.3 Placement of Boxed Beverages

6.3.3.1 Boxed (dimensions: about height **106** X width **65** X thickness **40mm**)

1) Select 8-tray slot
2) Adjust the starting position of the 8-tray, coil the spring 6 times at

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the 3 o'clock position

3) Place boxed beverages in sequence and tilting them to the right

6.3.3.2 Boxed (dimensions: about height **133** X width **55** X thickness **38mm**)

1) Select 9-tray slot
2) Adjust the starting position of the 9-tray, coil the spring 7 times at the 3 o'clock position
3) Place boxed beverages in sequence and tilting them to the right

6.3.4 Placement of Instant Noodle Bowls

6.3.4.1 Large instant noodle bowls (about **138mm** in diameter, about **106mm** in height)

1) Choose 4 double slots + 1 single slot tray
2) Adjust the starting position of the double slot, coil the spring 3 times at the 6 o'clock position
3) Place instant noodle bowls in sequence

6.3.4.2 Small instant noodle bowls (about **110mm** in diameter, about **90mm** in height)

1) Choose 5 Slot (Single) Tray
2) Adjust the starting position of the 5-tray, coil the spring 4 times at the 3 o'clock position
3) Place instant noodle bowls in sequence

6.3.4.3 Instant noodle bags (dimensions: height **135** X width **130** X thickness **45mm**)

1) Choose 4 slots (Double) + 1 single slot tray
2) Adjust the starting position of the double slot, coil the spring 7 times at the 4 and 6 o'clock position

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3) Place instant noodle bags in sequence

6.3.4.4 Instant Noodle Boxes (dimensions: height **175** X width **175** X thickness **65mm**)

1) Choose 3 slots (Double) tray
2) Adjust the starting position of the double slot, coil the spring 5 times at the 4 and 6 o'clock position
3) Place instant noodle boxes in sequence

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7 TRAYS AND SLOTS ADJUSTMENT GUIDE

7.1 FLAT AND INCLINED TRAYS

7.1.1 Tray flatting: lift the tray up with both hands, pull it out to the limit, and gently put it down until the rear wheel of the tray is stuck, let go of the hands, and the tray is laid flat, which is convenient for D, E, F trays to be placed.

7.1.2 Tray tilting: lift the tray up with both hands, pull it out to the limit, back about **1cm**, and gently put it down until the rear wheel of the tray is stuck, release your hands, and the tray is tilted, which is convenient for A, B, C tray placement.

7.2 SPRING REPLACEMENT

7.2.1 Remove the string retaining clip by hand

7.2.2 Move the spring tail upwards

7.2.3 Remove the spring

7.2.4 Reverse the above steps to install springs

7.3 STRING STARTING POSITION ADJUSTMENTS

7.3.1 Pull out the spring by about **1cm**

7.3.2 Turn the spring clockwise to the specified angle



Generally, for bottled, canned, and boxed products, the angle of the starting position of the spring can be adjusted to about 3 o'clock; for thin, small, and easy-to-slip products such as bags and chewing gum, the angle of the starting position of the springs can be adjusted to about 6 o'clock; In the slots, the angle of the starting position of the spring should be adjusted

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to the left and right symmetrically.

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7.3.3 Release the spring and automatically return, the adjustment is completed

7.4 REPLACEMENT OF MOTOR ASSEMBLY

7.4.1 Pull out the tray and lay flat

7.4.2 Remove the spring retaining plate and spring

7.4.3 Pull out the motor assembly adaptor

7.4.4 Use a short Phillips M3 screwdriver to remove the motor connection plate return spring fixing screw

7.4.5 Remove the motor connection plate return spring

7.4.6 Remove the motor connection plate

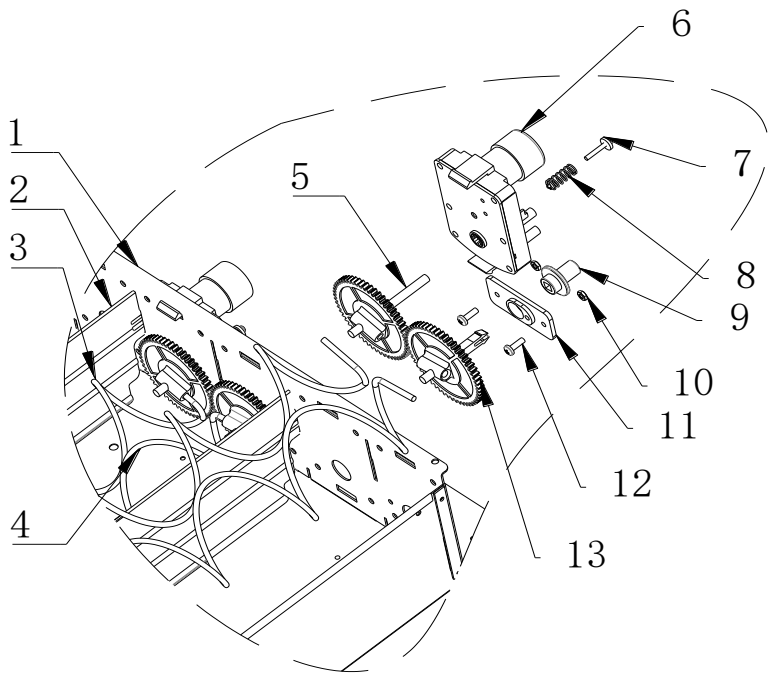
7.4.7 Remove the motor assembly

7.4.8 Complete the installation of the motor assembly in reverse order

7.5 TRAY AND SLOT ADJUSTMENTS

7.5.1 Single slot configured into double slot

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1. Tray 2. Baffle 3. Left-handed spring 4. Right-handed spring 5. Single-slot gear 6. Motor assembly 7. M3 self-tapping screw 8. Compression spring 9. Double slot bushing 10. M3 nut 11. Double slot plate 12. M3 screw 13. Double slot right gear

1) Pull out the tray to lay flat
2) Remove the separator plate
3) Remove the spring and motor from the adjacent slot on the right
4) Use 2 M3 screws and nuts to fasten the double slot plate from the inside to the outside
5) Install double slot bushings and 2 large gears to ensure gear meshing
6) Install left-hand and right-hand springs with the same number of turns to ensure the starting point is symmetrical
7) Select slot test, and perform unloaded and loaded tests on the adjusted slots

7.5.2 Adjustment of the starting end of the spring

1) Pull out the tray to lay flat
2) Remove left-hand and right-hand springs with the same number of turns
3) Remove the double slot bushing and 2 large gears,
4) Remove the positioning plate

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5) Install the motor assembly
6) Install the right-hand spring motor connection card
7) Install the separator plate
8) Select slot test, and perform unloaded and loaded tests on the adjusted slots

7.6 ADD OR REMOVE TRAYS

- Increase or decrease the left and right guide rails at the same time can add and remove trays
- Adjusting the height of the left and right rails of the tray at the same time can adjust the spacing between the trays
- The adjustment of the guide rail must keep the left and right height consistent



Note: After the tray is added or removed, the code identification of the slot must be consistent with the identification result of the machine.

7.6.1 Adding rails

1) Insert the rear end of the left and right rails into the cabinet respectively
2) Fix the front ends of the left and right rails on the column with 4 M3 screws respectively
3) Load the tray into the rails
4) Insert the Tray Wire into the Long Adapter Plate
5) Automatically confirm the position of trays A to F according to the position of the long adapter board socket
6) Replacement labels correspond to pallet positions

7.6.2 Removing rails

1) Remove the tray wire plug from the long adapter plate
2) remove tray
3) Remove the 4 M3 screws securing the front ends of the left and right rails
4) Pull out the left and right rails from the rear of the cabinet respectively

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5) Replacement labels correspond to pallet positions

7.7 TRAY REAR SUPPORT PULLEYS REPLACEMENT

1) Unplug the tray cable
2) Remove the tray
3) Remove the circlip from the rear axle
4) Replace with a new pulley
5) Insert the rear axle and install circlip
6) Load the tray into the cabinet

7.8 GUIDE RAIL FRONT PULLEY REPLACEMENT

1) Use a Phillips head screwdriver to remove the M5 screws securing the pulley
2) Replace with a new pulley
3) Fasten the new pulley with M5 screws

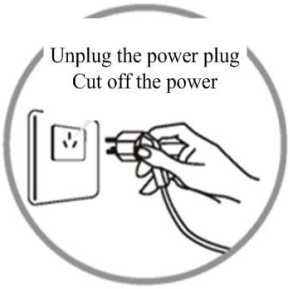
7.9 MAINTENANCE AND TROUBLESHOOTING

7.10 CLEANING AND MAINTENANCE



Regularly clean the inside and outside of the vending machine with a soft hand towel or sponge dipped in warm water (neutral detergent can be added).

Do not use bristle brushes, wire brushes, and do not use decontamination powder, gasoline, banana oil, acetone and other organic solvents, hot water or acid, alkali to clean the vending machine. Do not rinse with water, so as not to affect the electrical insulation performance.



7.11 STORAGE

If the vending machine has been out of use for an extended period of time, unplug the power plug, switch off the power supply, and

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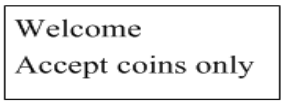
clean the vending machine as previously described.

7.12 COMMON FAULT

Classification	Symptoms	Causes	Solutions
Connection Cable Failure	After turning on the power, the machine has no response, and there is no display on the display	1. The power plug of the vending machine falls off 2. The fuse of the main power switch in the machine is tripped 3. Power outage	1. Tighten the power plug of the vending machine 2. Connect the reset button of the power switch, and connect the main power switch inside the machine 3. Wait for the call
	When shopping normally, it prompts that the item name is invalid	The corresponding motor assembly is faulty or the related connecting wires are in poor contact	Carry out the cargo road test first, and replace the motor assembly or check the relevant connecting wires according to the situation.
	During normal shopping, the whole pallet prompts that the item name is invalid	The main board drive part is faulty or the connection cable between the tray and the adapter board is in poor contact	Carry out the slot test first, and check the relevant connecting lines and motherboard driver parts according to the situation
Bill Acceptor Failure	1. The red light on the bill acceptor 2. The screen display can only use coins 3. Paper bill cannot insert	Bill acceptor is jammed	Remove the cash box of the bill acceptor, open the bill identification channel, take out the coins and other foreign objects stuck in the identification channel or the bill feeding channel or the cash box, and then put it back into the cash box.
Dispenser Failure	There is a product in the slot but the machine cannot sell the product	Slot motor is not in the starting position or malfunction	Go into the slot test, let the motor stop at the starting position, or replace the motor.
	Some motors do not work during normal	1. The motor is broken 2. The motor plug is connected at	1. Enter slots test 2. Repair or replace the

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	operation	the end 3. A wire in the motor connection cable has been broken, causing all even (odd) motors in the corresponding layer to work or all motors in the corresponding column to work. 4. A motor drive component on the main board is damaged, causing all even (odd) digit motors in the corresponding layer to fail to work or all motors in the corresponding column to fail.	motor 3. Repair or replace the motor connection cable 4. Replace the motherboard or driver board
	The goods are hung by the shipping springs and the partitions of the cargo passage, and cannot fall into the pick-up warehouse	The packaging of the goods does not match the position of the starting end of the shipping spring	1. The position of the front end of the deploy spring, or the front end of the plastic spring is installed to increase the distance of pushing the goods 2. Adjust the starting position of the deploy position of the deploy spring 3. Adjust the item to suit the slot
	The coin amount is sufficient but cannot purchase the purchased goods	1. The goods have been sold out 2. The goods are not fully delivered (only half a circle) 3. The motor connection pin is broken 4. Motor failure 5. Shipping spring hanging goods	1. Add goods 2. Buy it again 3. Replace the motor bayonet 4. Adjust or replace the motor 5. Adjust the initial position of the spring

Classification	Symptoms	Causes	Solutions
Coin Acceptor Failure	 Coins are not accepted	Low volume of coins in the coin bucket	Add the appropriate number of coins to the coin dispenser bucket Each coin bucket generally needs to put more than 10 coins but less than 80 coins.
	The coin cannot be put in or the machine does not respond after it is put in	A foreign object or coin is blocking the coin inlet, coin passage, or coin discriminating head; the coin inlet chute is	1. Use tweezers and other tools to remove foreign objects or coins stuck in the coin

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		misaligned with the coin dispenser inlet	entrance and coin channel 2. Pull out the coin recognition head to remove foreign objects 3. Adjust the angle of the coin entry chute and align it with the coin dispenser entrance
	Inability to change correctly, to find less or not to find coins	1. Not enough change (one yuan or five-cent coin) 2. The coin withdrawal channel of the coin machine is jammed 3. The change coin did not enter the change port due to the unobstructed channel of the coin refund 4. The coin barrel of the coin machine is empty due to the side standing of the coin. 5. Coin machine change detection sensor failure or other failures 6. There are filth such as tape paper on the coins	1. Correctly add change, 2. Processing card coins 3. Clean up the refund channel 4. Add change to solve the coin side stand 5. Refer to the use of the coin dispenser 6. Remove and clean the coins in the coin holder
Refrigeration system failure	Compressor does not start	1. The connection between the temperature control board and the main board is faulty 2. The refrigeration switch is not turned on 3. Poor contact of compressor-related connecting lines 4. The frequent switch of compressor is protected by time delay	Replace the temperature control board, turn on the compressor switch, and check the relevant connection cables; wait for 3 minutes to start the cooling
	Compressor does not stop	1. The evaporator fan motor is damaged 2. The condenser fan is damaged 3. The refrigeration system is blocked 4. Lack of refrigerant	Replace the fan motor or find a professional to add refrigerant
	Poor cooling result	1. The machine is too close to the wall 2. Too much dust on the surface of the condenser 3. The fan motor is not working properly 4. Lack of refrigerant 5. The refrigerator door is not	Move the position of the machine to ensure that the back of the machine is more than 10 cm from the wall, clean the surface of the condenser, check the operation of the

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		sealed	fan motor, find a professional to add refrigerant, and adjust the tightness of the door

Classification	Symptoms	Causes	Solutions
Main control board failure	Service paused	1. The payment module is not connected or the payment module is faulty 2. Poor contact or failure of the drive circuit board 3. There is a problem with the tray connection cable 4. There is a problem with the MDB cable 5. There is a problem with the 24V power supply 6. Motherboard problem	1. Check payment devices such as coin machines 2. Carry out the cargo lane test, and press the H key to view the drive circuit board 3. Check or replace connecting cables such as trays, driver boards, etc. 4. Check or replace the MDB cable 5. Check the power cord or replace the switching power supply 6. Replace the motherboard
	No display, confused display, long buzzer	1. The problem of switching power supply 2. Motherboard problem	1. Check the power cable or replace the switching power supply 2. Replace the motherboard
	LCD display severe black streaks	LCD screen failure	Replace LCD screen

Please confirm the above matters before maintenance. If you can't solve any of the problems, please contact service center 626-9999345, Email: sales@epexvend.com, and provide the vending machine name, model, attachment details and serial numbers.

Common faults and solutions of bill acceptor

Classification	Symptoms	Causes	Solutions
Bill Acceptor Failures	Red light on bill acceptor	1. The bill acceptor receiving channel is blocked 2. The channel of the bill acceptor is jammed	1. Open the identification head and take out the bill acceptor stuck in the identification head 2. Remove the

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			money box of the bill acceptor and take out the jammed bills
	The screen shows that only coins can be used	The bill acceptor MDB cable is not in good contact or the coin dispenser is short of change	Check the coin bucket and add coins in time Check the bill acceptor MDB cable
	Press the H key and the screen does not display B	Poor MDB cable contact	Check bill acceptor MDB cable
	Low acceptance rate of bills	Dirty sensor	Open the recognition head and clean the sensor
	Certain bills are not accepted	Currency setting disabled	Change settings through the admin interface
	The red light on the bill acceptor is flashing	Cash drawer not installed properly	Install the cash drawer properly
	Bills are not accepted	cash box full	Take out bills

8 ITEM DROP DETECTION

8.1 SCHEMATIC DIAGRAM OF ITEM DROP DETECTION

1) Drop detection sending board



2) Drop detection receiving board



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8.2 DROP DETECTION OPERATION

1) The indicator light of the launch board is on (power on)
2) Block the channel between transmitting and receiving with your hand, the light is off
3) The hand leaves the channel between transmitting and receiving, the light is on
4) Completion of the above 1), 2), and 3) indicates that the drop detection is normal.

8.3 DROP DETECTION OPERATION

1) Confirm that the power is turned on
2) Confirm that the launch plate launch tube is aligned with the launch hole (fixture)
3) Confirm that the receiving tube of the receiving plate is aligned with the receiving hole
4) Adjust the receiving board until the receiving light is on (fixture)
5) Inspect according to (drop detection operation)

9 BILL ACCEPTOR

9.1 WITHDRAW CASH

You do not need to remove the cash box for daily withdrawal of cash, you can directly open the door of the cash box to take out the cash. The cash drawer box door is generally on the top or side of the cash drawer box.

9.2 REMOVE CASH DRAWER BOX

Crucial Actions: first release the cash drawer box buckle, and move the cash drawer box upward at the same time.

The cash drawer box buckle is generally in the middle or side of the top junction of the cash drawer box.

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9.3 INSTALL CASH DRAWER BOX

Reverse the action of taking out the cassette until the cash drawer box is locked by the latch.

9.4 JAMMED BILLS

1) Remove cash drawer box

   If a jam is found, remove the jammed bills, if there is no jam, continue

2) Open bill transport channel

   Usually, there is a red buckle designed under the bill holder. Pressing or moving the buckle can open the bill transport channel.

3) Remove jammed bills

4) Close the bill transport path and install cash drawer box

9.5 RESET BILL ACCEPTOR

Manual reset method: turn off and on the "main control" switch on the electric control panel once, or pull and plug the connection plug on the right side of the bill acceptor once.

Usually, the bill feeder can be reset automatically after closing the bill transport channel and installing the cash drawer box.

9.6 CLEANING

After working for a period of time (2-4 months), it is recommended to clean and wipe it once. When wiping the bill acceptor, turn off the power, open the bill transport channel, and wipe the part between the bill transport channel with white clean tissue to ensure that the sensor position of the bill acceptor is clean.

9.7 BILL ACCEPTOR UNAVAILABLE

1) Check whether the power and communication line plugs on the right side of the bill acceptor are loose. Re-plug the plug

2) After the cash drawer box is removed, it is not installed, or it is not installed

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in place. Reload the cash drawer box

3) The bills in the bill acceptor are not completely handled. Reprocessing card notes

4) The bill acceptor is not reset after the bill processing is completed.

9.8 BILL ACCEPTOR ALARM

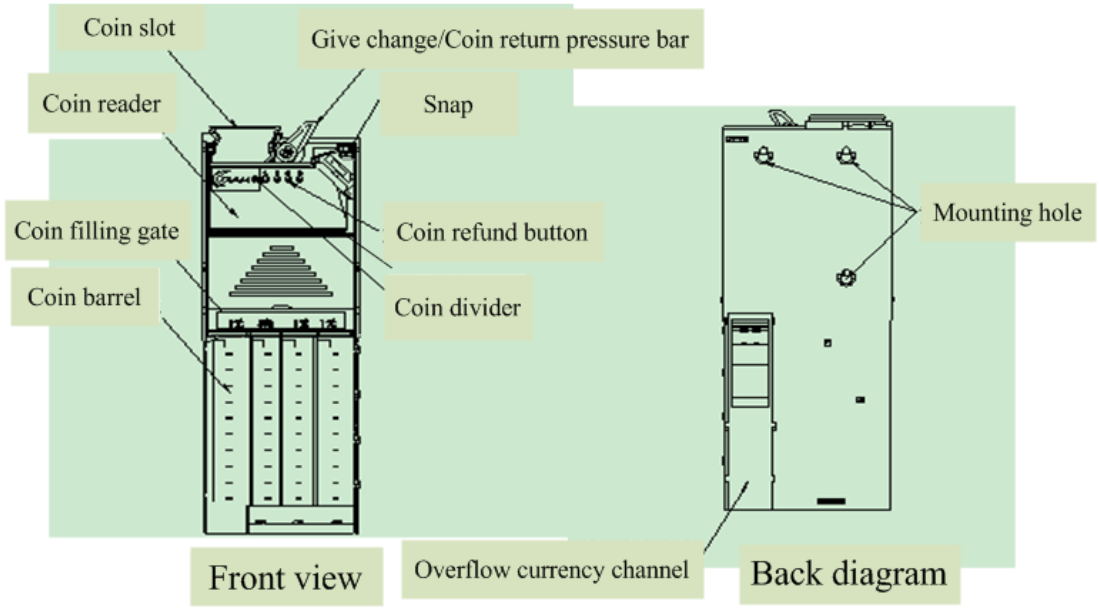
The indicator light on the bill acceptor panel flashes to indicate that the bill acceptor is faulty. For details, please refer to the “Bill Acceptor User Manual”

9.9 BILL ACCEPTOR REPLACEMENT

Usually, use a socket wrench to loosen 4 M4 nuts, and then loosen the MDB plug of the banknote device to replace it.

10 COIN ACCEPTOR

10.1 COIN ACCEPTOR SCHEMATIC



10.2 COIN ADD/REFUND

1) Add Coin

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Add coins of the corresponding denomination according to the mark of 1 yuan or 5 cents on the money bucket

2) Return Coins

Each coin bucket on the coin dispenser has a corresponding button. Press the button to eject a coin from the corresponding coin bucket.

10.3 COIN DISPENSER JAMMED

1) Coin entry slot blocked

Use a thin stick such as a ballpoint pen refill to insert into the coin entry slot to remove foreign objects such as leaves, cola tabs, toothpicks, and paper, and clean the coin entry chute to keep it smooth.

2) Coin reader section jammed

Press the coin return button and let the coin fall into the coin return slot

3) Coin dispenser blocked

Open the top cover of the coin divider and remove the blocked coins

4) Remind customers not to toss multiple coins in quick succession at a time, which will easily cause coin jams

10.4 INSUFFICIENT CHANGE

1) Check the coin bucket, if the bucket is empty or there are few coins, add coins in time
2) Turn off and on the "main control" switch on the power switch panel once to make the coin dispenser self-check and reset again

10.5 COIN REFUND PROCESSING

1) remove the money bucket
2) Press the reset button on the coin dispenser 2 times
3) Or press the letter button corresponding to the card coin bucket to do the coin refund action
4) Install the money bucket, the coin machine restarts and resets
5) Press the letter button corresponding to the coin bucket to do the coin refund

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test

6) If the problem of returning coins from the coin bucket cannot be solved properly, notify professional after-sales personnel to help

10.6 SWALLOWED COINS

1) Press the refund button 2-3 times to rule out the possibility of the coin reader being stuck
2) Open the cabinet door, and observe the direction of the coin from the outside of the door.
3) If coins are stuck in the coin chute, clear the coin chute
4) If coins do not enter the coin dispenser but fall into the cabinet, adjust the coin slide so that the coin slide exit is aligned with the coin dispenser entrance
5) If the coins are stuck in the coin divider, open the top cover of the coin divider to clean the coins, and check whether the coins in the coin bucket are too full. If the coins in the coin bucket are too full, you need to take out some coins.
6) Remind customers not to toss multiple coins in quick succession at a time, which may easily cause blockage and swallowing of coins

10.7 INACCURATE CHANGES

1) Exclude the coin dispenser fault with previous steps
2) Reset coin acceptor

10.8 LOW COIN ACCEPTANCE RATE

1) Open the top cover of the coin reader by hand (there is a spring that can automatically reset)
2) Clean and wipe the coin passages on both sides of the coin reader with a paper towel
3) Restart coin acceptor

10.9 WRONG COIN BUCKET

1) Open the top cover of the coin dispenser

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2) Use a paper towel to clean and wipe the coin passages on both sides of the coin divider

10.10 COIN REFUND NON-RESPONSIVE

1) Set the machine to a single purchase mode, that is, the machine will automatically get change after each coin-operated shopping. Ensure that the machine can be sold.
2) Open the cabinet door, check and handle the coin ejection components (coin ejection button, retractable ejector rod and coin ejection pressure plate), and ensure that the coin ejection pressure plate can effectively press down the coin ejector coin ejection lever.
3) After confirming that the refund component is processed, resume the machine continuous purchase mode

10.11 COIN DISPENSER UNAVALIABLE

1) Check that the coin dispenser's purse is installed and properly installed.
2) Check to see if the coin ejection lever is depressed and if the coin reader is not fully reset. If there is any problem, adjust the coin-returning lever to ensure that the coin reader is completely reset;
3) If (1) and (2) are excluded, check whether the power cord of the coin dispenser is plugged in properly. Unplug the docking plug and plug it again.

10.12 COIN DISPENSER CLEANING

1) Coin slide cleaning

   Use a thin stick such as a ballpoint pen refill to insert into the coin entry chute to remove foreign objects such as leaves, cola tabs, toothpicks, and paper, and use a tissue to clean the coin entry chute to keep it smooth.
2) Coin reader channel cleaning

   (1) Open the top cover of the coin reader

   (2) Clean the coin entry chute with a paper towel and keep it smooth.
3) Coin dispenser channel cleaning

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(1) Press and hold the fixing card of the upper cover of the coin divider

(2) Open the top cover

(3) Clean the side channel of the coin divider 2 with a paper towel and keep it smooth.

4) Coin Bucket Cleaning

(1) Remove coin bucket

(2) Wrap a paper towel with chopsticks and put it into the coin bucket to wipe the inner wall of the coin bucket

(3) Use the bottom of the paper towel coin bucket to keep the bottom of each coin bucket clean

10.13 COIN DISPENSER REPLACEMENT

1) Press and hold the coin reader buckle and turn the coin reader downward
2) Remove coin dispenser
3) Use a Phillips screwdriver to loosen the 3 M5 screws that secure the coin dispenser (do not need to remove)
4) Lift the coin dispenser up and remove the coin dispenser
5) Unplug the coin dispenser
6) Follow steps (5)-(1) in reverse and install a new coin dispenser.

11 SOFTWARE MANAGEMENT PLATFORM

To be continued…

12 AFTER-SALE TERMS AND SERVICES

1. Our company provides you with quality assurance services. At the same time, please use your machine strictly under the operation regulations of this manual to avoid losing the right to enjoy our company's quality guarantee services due to violation of the operation regulations;

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2. It is strictly forbidden for customers to modify the machine or install various equipment without authorization, and our company will not be responsible for any direct or indirect damage caused thereby;
3. The free warranty period for the company's products is one year. During the warranty period, our company will waive the cost of parts and maintenance services; after the warranty period, the cost of parts and maintenance services will be charged accordingly, and the product will be maintained for a lifetime;
4. The parts replaced during the maintenance process are owned by our company, and our company will not bear the indirect loss related to the customer during the maintenance work (such as the loss of the machine not working properly);
5. The natural wear and tear of the machine, artificial damage, and damage caused during transportation are not covered by the warranty:
6. When you need regular consultation or maintenance, don't hesitate to get in touch with the company's after-sales service center with the warranty certificate and purchase invoice;
7. To facilitate the inquiry, please copy the machine model and factory number on the nameplate on the back of the vending machine in the warranty card after unpacking, and keep the warranty card properly.

In case of unclear terms, please consult our company, distributors, dealers' special maintenance stations, etc. The above terms do not have clearly stipulated obligations, and our company will not undertake them. The final interpretation right of the above terms belongs to our company.

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