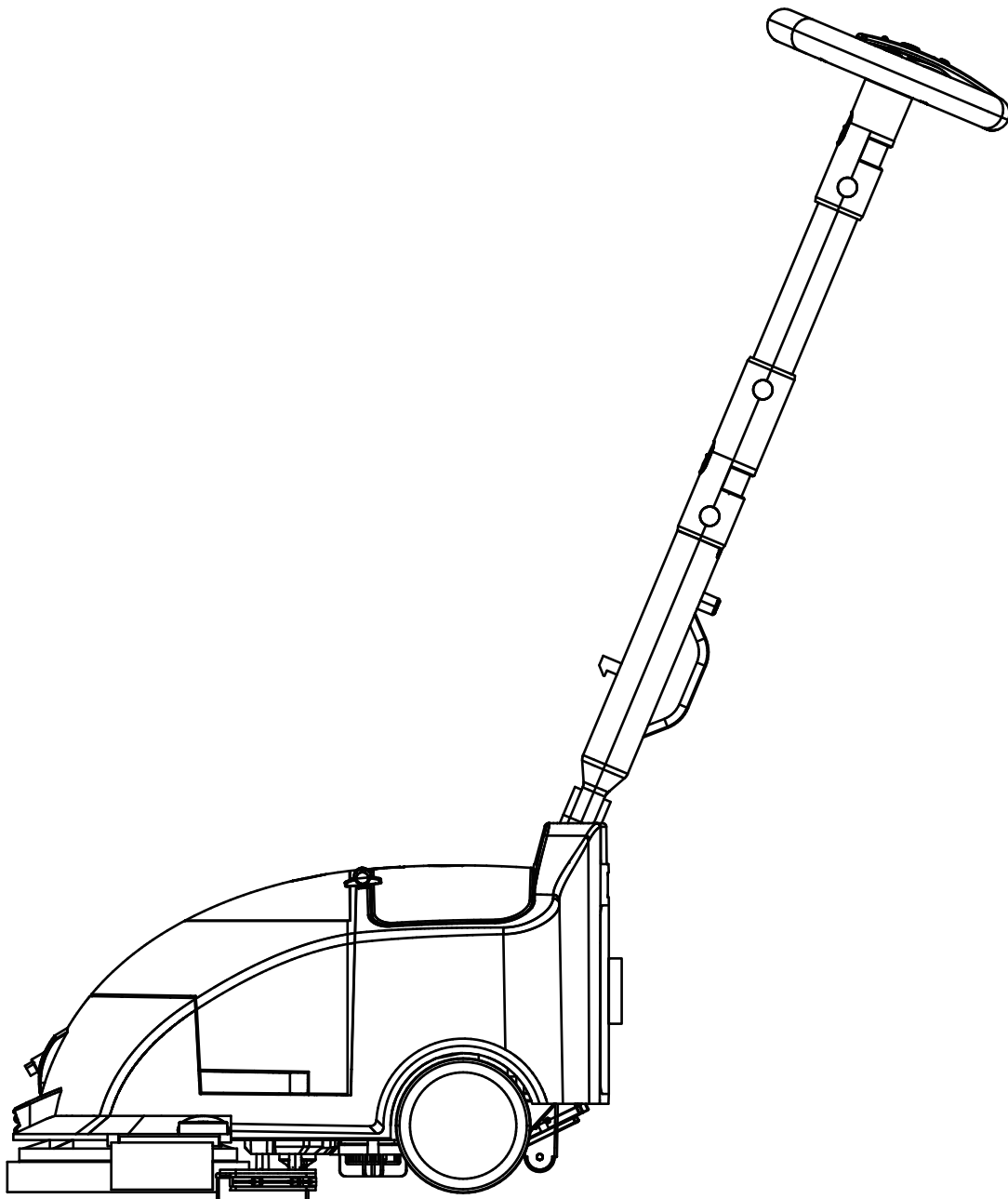


Instruction Manual

Cordless Floor Scrubber

(Scrubbing, mopping, scraping and sucking dirty water, all in one machine, effortlessly clean without leaving a trace.)



1. Use

Suitable for cleaning floors of large homes, offices, factory workshops, hotels, restaurants, supermarkets, shopping malls, internet cafes, schools, kindergartens, gyms, sports venues, etc.

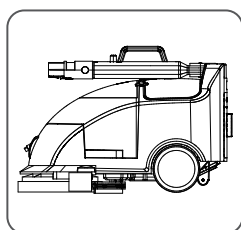
2. Product features

1. No wires to hold you back, easy to control.
2. Scrubbing, mopping and drying are all done by one machine, which instantly sucks away dirty water without leaving any water marks.
3. Large capacity separate water tanks for clean/dirty water.
4. Large capacity detachable power battery for long-lasting running and convenient charging.
5. Exquisite anti-collision wheel design to prevent furniture from being bumped.
6. Compact and lightweight design, can be lifted or dragged, easy to move and store.
7. Easy to push operation, the floor scrubber can automatically adjust the water spraying time according to the forward speed.

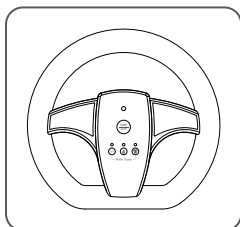
3. Technical parameters

Model	HE-415
Power Input	(control Handle) 1.5AA batteries x 2 (main Unit) 22.2V 8000mAh rechargeable lithium power battery
Power	177W
Diameter of scouring pad/brush discs	195mm
Number of Brush disc	2PCS
Working width	400mm
Motors	brushless motors x 4
Working time on full charge	1 to 1.5 hours
Charging time	3 to 4 hours
Water tank capacity	clear water tank (5L); dirty water (5L)
Weight	9.4kg

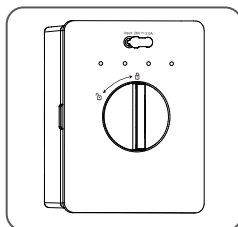
4. Parts & accessories description



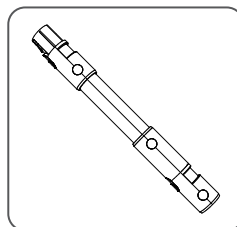
main unit x 1



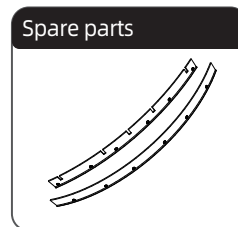
Steering wheel x 1



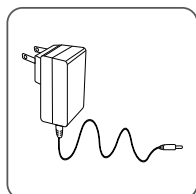
Battery
(rechargeable)
box x 1



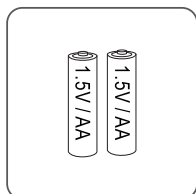
Push rod
connecting rod x 1



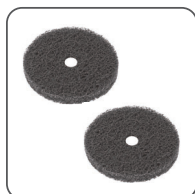
Short squeegee
silicone strip x 1
Long squeegee
silicone strip x 1



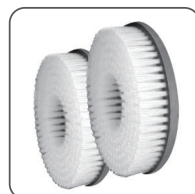
26V 1A
Adapter x 1



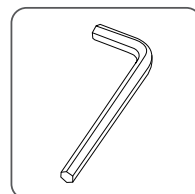
1.5V AAA
battery x 2



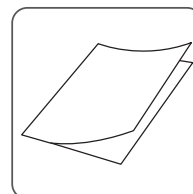
Scouring pad
disc x 2



Brush disc x 2

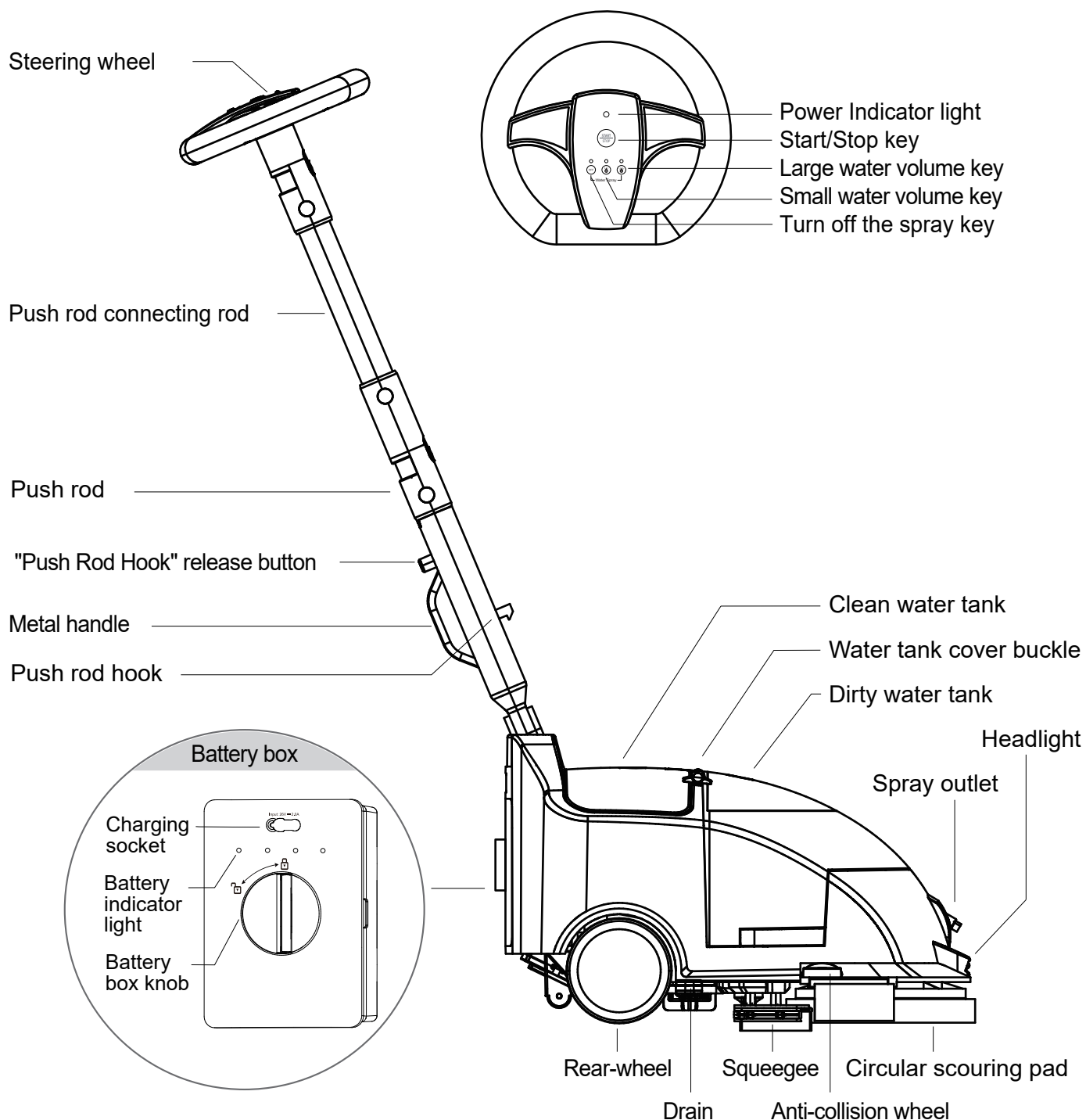


Hexagon
wrench x 1



Instruction
manual x 1

5. Appearance and functional parts description

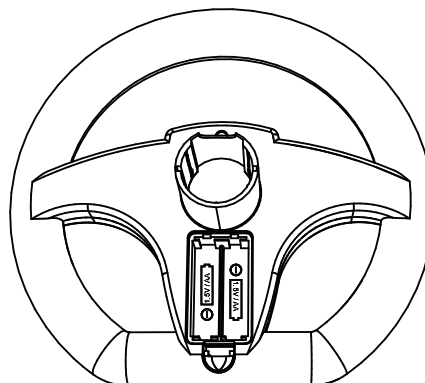


6. Product assembly steps

Step.1

Install 2 "AA" batteries into the steering wheel

First, open the battery compartment cover on the steering wheel, then place the two "AA" batteries in the correct direction into the battery compartment.

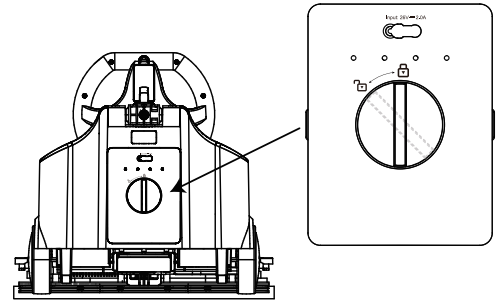


Step.2

Install the battery box into the main unit

1. First, turn the knob on the battery box cover to the "🔓" position.
2. Then insert the battery box into the battery slot on the main unit.
3. Finally, turn the knob of the battery box to the "🔒" position and lock it.

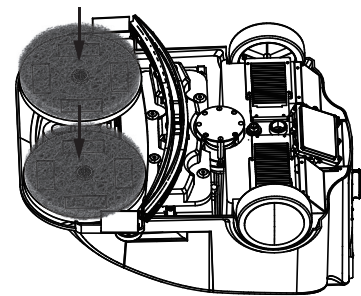
How to remove the battery box: First, turn the knob on the top cover of the battery box to the "🔓" position, then press the battery box inward, and the battery box will pop out.



Step.3

Install scouring pad disks or brush discs

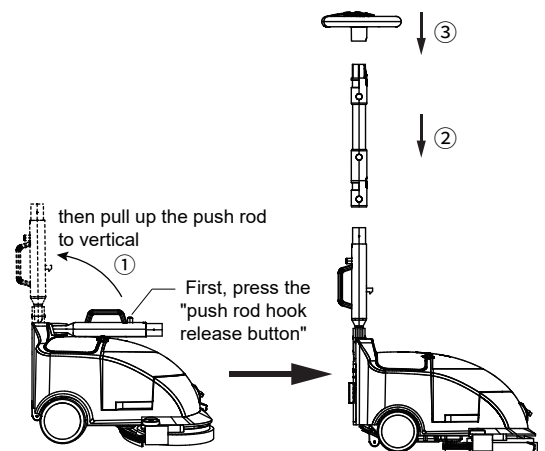
Insert the scouring pad discs or brush discs into the main unit turntable shaft.



Step.4

Install the push rod connecting rod and steering wheel

1. Press the "push rod hook release button", then pull up the fallen push rod making it vertical to the main unit.
2. Insert the push rod connecting rod into the main unit's push rod.
3. Then insert the steering wheel into the push rod connecting rod.



Step.5

Fill the clean water tank with 5L of water

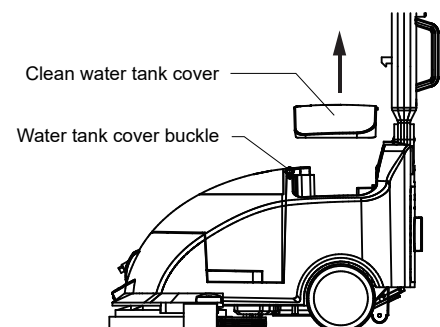
1. First, rotate the water tank cover buckle parallel to the water tank wall.
2. Then open the water tank cover and pour in 5L of clean water. (You can add appropriate amount of floor cleaner.)
3. Finally, rotate the water tank cover buckle to be perpendicular to the water tank wall.



Water tank cover unlocked



Water tank cover locked

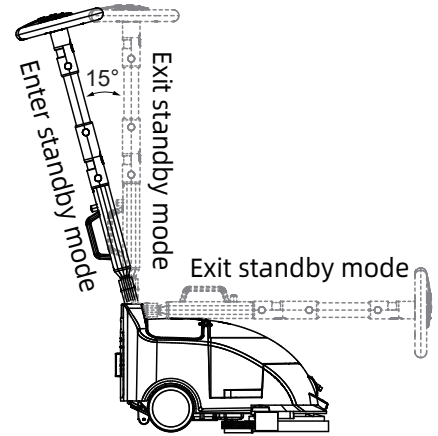


Step.6

Turn on the standby mode (Note: The buttons on the steering wheel can only be operated in the standby mode.)

Pull the push rod to the rear of the machine until it tilts more than 15 degrees and it enters standby mode.

(To exit standby mode: push the push rod back to be perpendicular to the main unit, and then the machine exits standby mode after 15 seconds.)



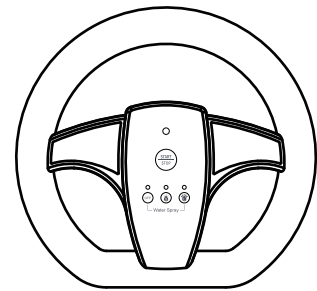
7. How to use the product

Power on

After the machine enters standby mode, press the "  " key. The power indicator light on the steering wheel flashes once (red), the battery level indicator light on the main unit illuminates, the motor starts to operate, and the headlights turn on and remain lit.

Shutdown

When the machine is under powered-on mode, press the "  " button, the headlight starts flashing, and the motor stops after a delay of 5 seconds.



Dirty water

When the dirty water tank reaches its full level, the headlight flashes rapidly for 3 seconds and then automatically shut down.

Water spray

Stop spray: When the "  " key is pressed, the water spray will stop.

Small water volume: When the "  " button is pressed, water will be sprayed for 0.5 seconds for every 0.5 meters of forward movement.

Large water volume: When the "  " key is pressed, water will be sprayed for 1 second for every 0.5m of forward movement.

Spray water at any time: Long press the "  " key or long press the "  " key to spray water immediately.

※**Note:** When using for the first time or after refilling water, the air in the water pipe must be exhausted. You can exhaust the air by pressing and holding the "  " or "  " key until you see water spraying out.

Selection of cleaning disc

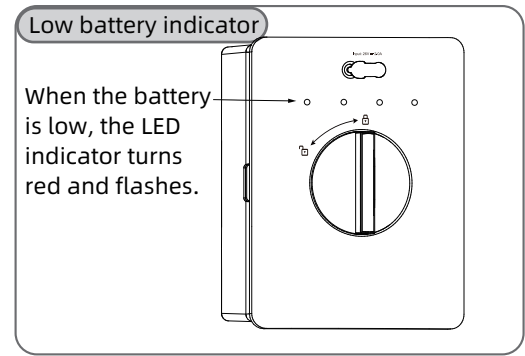
Scouring pad disc: suitable for general stains or smooth floors.

Brush disc: suitable for oily or rough floors, can be used with low-foaming detergent.



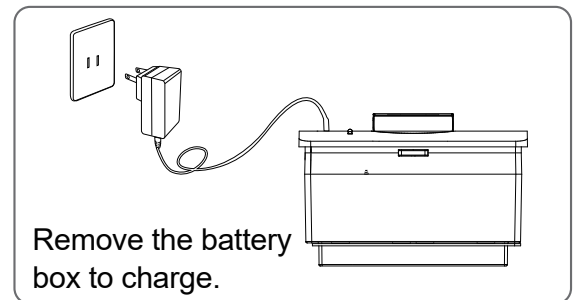
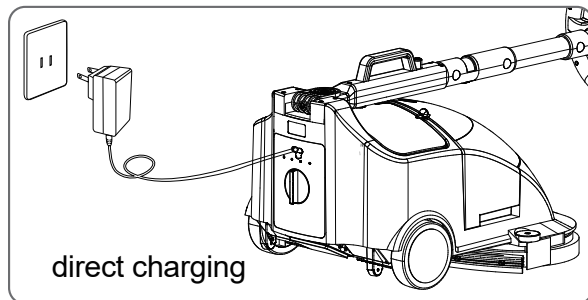
8. Low battery indicator

When the battery level is lower than 10%, the first battery indicator light turns red and flashes. At this time, it should be charged immediately.



9. How to charge

Connect a power supply to charge directly, or remove the battery box to charge.



LED indicator light shows status during charging

- A: When the charge level is <25%, the 1st LED indicator light flashes blue.
- B: When the charge level is between 25% and 50%, the 2nd LED indicator flashes blue.
- C: When the charge level is between 50% and 75%, the 3rd LED indicator flashes blue.
- D: When the charge level is between 75% and 99%, the 4th LED indicator flashes blue.
- E: When is fully charged, the whole LED indicator lights will be on.

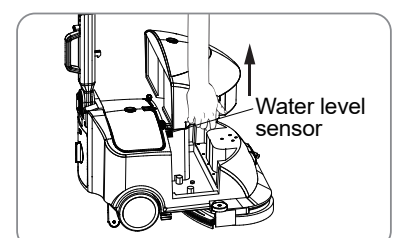
10. Precautions for using rechargeable battery box

1. Do not use the battery box if it is swollen (it may explode or burn), please contact seller immediately.
2. Please use the original charging adapter to charge the battery box. If you use a substitute, it may not charge or cause a short circuit problem.
3. Do not place the battery box near fire or flammable or explosive materials.
4. Please store the battery box in a cool and dry place.
5. Do not disassemble, squeeze or drop the battery box.
6. Make sure the machine is powered off before removing the battery box.
7. When the machine is not used for a long time, please charge the battery box once a month to maintain the battery life.
8. The battery pack performs best when started at room temperature.

11. How to clean the dirty water tank

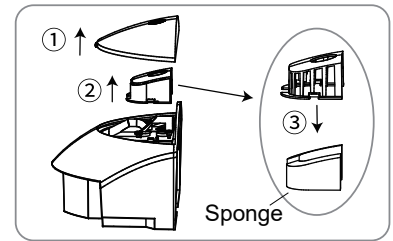
Step 1: Clean the dirty water tank

First, twist the water tank cover buckle to open it, then lift the dirty water tank, remove the cover, pour out the dirty water, and then rinse it with clean water. Please keep no water droplets on the water level sensor after cleaning.



Step 2: Clean the sponge (if there is a lot of debris, please clean it)

Open the water tank cover, remove the sponge cover, then remove the sponge from the sponge cover and wash the sponge with clean water. Wait for the sponge to be blown dry or air dried before putting it back into the sponge cover.



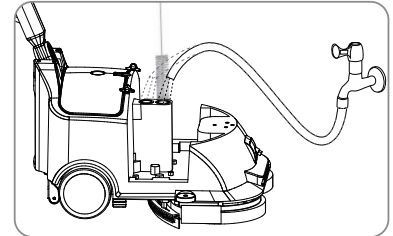
12. How to clean the pipeline

Step.1

First, remove the dirty water tank.

Step.2

Then scrub the air duct and dirty water pipe with a pipe brush or flush it with a water hose.



13. How to replace the silicone strips of the squeegee

Step.1

First, remove the drain plug on the side of the main unit and drain the clean water from the tank.

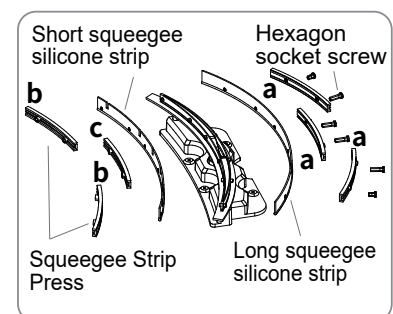
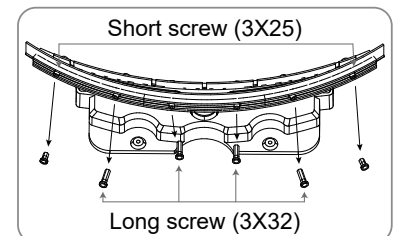
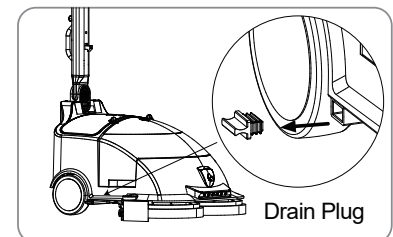
Step.2

Then unscrew the 6 hexagonal screws on the side of the squeegee to remove the squeegee silicone strip.

Step.3

Then, place the two squeegee silicone strips on the main unit in the order of short in front and long in the back. Then clamp them with the two middle squeegee silicone strips, align the screw holes and tighten the hexagon socket screws. Then install the rubber strips on both sides.

(Note: There are 3 different types of squeegee blade pressure plates; the two hexagon socket screws on the left and the right are short screws, and the remaining 4 are long screws.)



14. How to store equipment

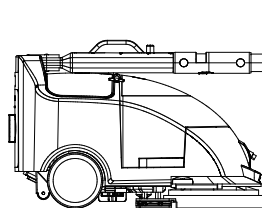
First method

Folding storage: Fold the push rod back onto the main unit. When you hear a "click" sound, the push rod has been locked onto the main unit.

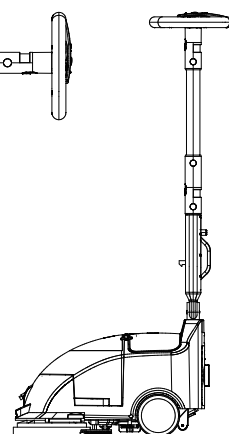
2nd method

Standing storage: When the push rod is perpendicular to the main unit, it will enter the shutdown state (exit standby) after 15 seconds and can be stored directly.

Folding storage



Standing storage



15. How to drag and move devices

When the device is in a folded storage state, you can pick up the steering wheel and drag it forward.



16. Troubleshooting

Fault phenomenon	Possible causes	Solutions
The machine cannot start.	1. Rechargeable battery is low. 2. The power key is not turned on. 3. The AA batteries on the steering wheel are exhausted. 4. Excessive use causes the motor to stop working.	1. Charge the battery. 2. Turn on the power key. 3. Replace the steering wheel battery. 4. Let it cool down and then turn it on again.
Spray out without water.	1. Insufficient clean water. 2. The power key is not turned on.	1. Refilling the clean water tank. 2. Press the start key on the steering wheel.
Water accumulates on the floor after washing.	1. The dirty water tank is full. 2. Insufficient suction.	1. Empty the dirty water tank. 2. Check whether the water suction port is blocked.
The machine body shakes severely during floor scrubbing.	The cleaning discs are not installed squarely.	Realign the shaft and install the cleaning discs.
Strange noise when washing the floor.	There may be foreign objects on the bottom rotating disc.	Remove foreign objects from the surface of the rotating disc on the base
Insufficient suction.	1. The dirty water tank is not properly installed. 2. The dirty water tank lid is not tightly closed. 3. The dirty water tank sponge is blocked by debris.	1. Check if the dirty water tank is properly installed. 2. Check if the dirty water tank lid is locked. 3. Clean the dirty water tank sponge.

(Note: Do not disassemble the machine by yourself. If there is a malfunction, please contact a professional or supplier in time for handling.)

17. FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

