

DAPPER

User Manual

Manual Self Propelled Floor Scrubber

Model: DP-WBFS1219



For any service-related issues,
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INSTRUCTIONS

This manual is provided with every piece of equipment. It contains essential operating and maintenance instructions.

Before operating or using this machine, please read and fully understand the contents of this manual.

This machine performs exceptionally well. However, the best results and lowest operating costs can be achieved only when the following conditions are met:

This manual uses the self-propelled model as an example. Any important differences between models are clearly noted.

Operate the machine carefully and attentively.

Follow the maintenance instructions in this manual and maintain the machine regularly.

Use only manufacturer-approved or equivalent replacement parts for maintenance.

ENVIRONMENTAL PROTECTION

Please dispose of all packaging materials, batteries, old machine components, antifreeze, and other toxic liquids in accordance with local waste disposal regulations to ensure environmental safety.

Be sure to recycle properly.

| SAFETY

This machine is designed exclusively for cleaning indoor hard floors and must not be used for any other purpose. For best results, use only the recommended scrubbing pads, brushes, and commercially available floor cleaners suitable for this machine.

The following safety symbols and the heading “For Safety” are used throughout this manual. Their meanings are:

Warning: Indicates a risk of serious injury, death, or unsafe operation.

For Safety: Highlights actions that must be taken to ensure safe use of the machine.

These warnings identify potential hazards that could harm the operator or damage the equipment. All operators must read, understand, and follow these safety precautions:

Warning: Risk of Fire or Explosion

Do not use flammable liquids. Never operate the machine near or in areas containing flammable liquids, gases, or combustible dust.

This machine is not explosion-proof. The electric motor may produce sparks during startup or operation. Using the machine in flammable environments could result in fire or explosion.

Do not attempt to clean up flammable materials or reactive metals.

Warning: Risk of Electric Shock

Before servicing the machine, always disconnect the battery connections and charger plug.

Do not charge the battery with a damaged power cord or modify the plug.

If the charger’s power cord is damaged or broken, it must be replaced by the manufacturer, an authorized service agent, or similarly qualified personnel to avoid the risk of electric shock.

Warning: Rotating Brush Hazard

Keep hands away from the rotating brush while the machine is in operation.
Always turn off the power before servicing the machine.

FOR SAFETY

1. Do not operate the machine if:

- It is in contact with or near flammable liquids or gases, as this could cause an explosion or flash fire.
- You are not trained or authorized.
- You have not read and understood the operator's manual.
- The machine is not in proper working condition.

2. Before starting the machine:

- Ensure all safety devices are installed and functioning properly.

3. When using the machine:

- Move slowly on slopes and slippery surfaces.
- Wear slip-resistant shoes.
- Slow down when turning.
- Immediately report any damage or malfunction.
- Do not allow children to play on or near the machine.
- Follow all chemical container instructions, including mixing and handling guidelines.
- Do not operate on slopes steeper than 5% (3 degrees).

4. Before leaving or servicing the machine:

- Turn off the machine.
- Remove the key.

5. When servicing the machine:

- Do not move any parts while wearing loose clothing, jewelry, or accessories.
- Disconnect battery connections before performing service.
- Wear protective gloves and eye protection when handling the battery or battery terminals.
- Do not wash or spray the machine with high pressure or a hose, as this may lead to electrical failure.

6. General Maintenance and Transportation Safety

- Use only replacement parts provided or approved by the manufacturer.
- All service operations must be performed by qualified service personnel.
- Do not modify or alter the machine's original design.

When transporting the machine using a truck or trailer:

- Drain the water tanks before transport.
- Use proper loading ramps when loading or unloading the machine.
- Remove the battery before transport.
- Always transport the machine with the help of another person.
- Turn off the machine.
- Lower the brush motor to its lowest position.
- Secure the machine using ropes or tie-down straps.

SAFETY LABELS

Safety labels are placed on the machine as shown. If any label is lost, damaged, or difficult to read, it must be replaced immediately.

Label Locations and Warnings:

1. Dirty Water Tank Cover

Warning: *Flammable materials may cause explosion or fire.
Do not put flammable materials into the water tank.*

2. Left Side of the Machine

Warning:
The working incline of the machine must not exceed 5%.

Before performing any maintenance, disconnect the battery connector.

3. Brush Head

Warning: *During machine operation, keep both hands away from the brush area.*
Rotary Brush Label – *Located on the brush head.*

MACHINE COMPONENTS

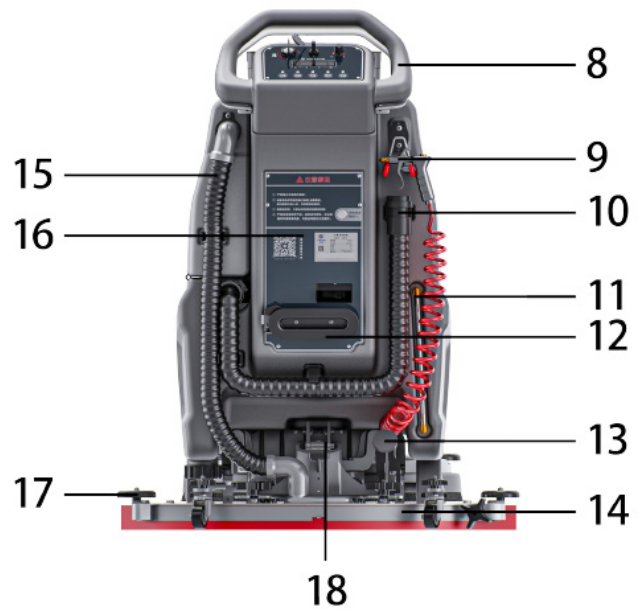
Front and Side View:

1. Dirty Water Tank Cover
2. Main Chassis Handle
3. Clean Water Inlet
4. Brush Motor
5. Brush Disk
6. Large Wheels
7. Splash Guard



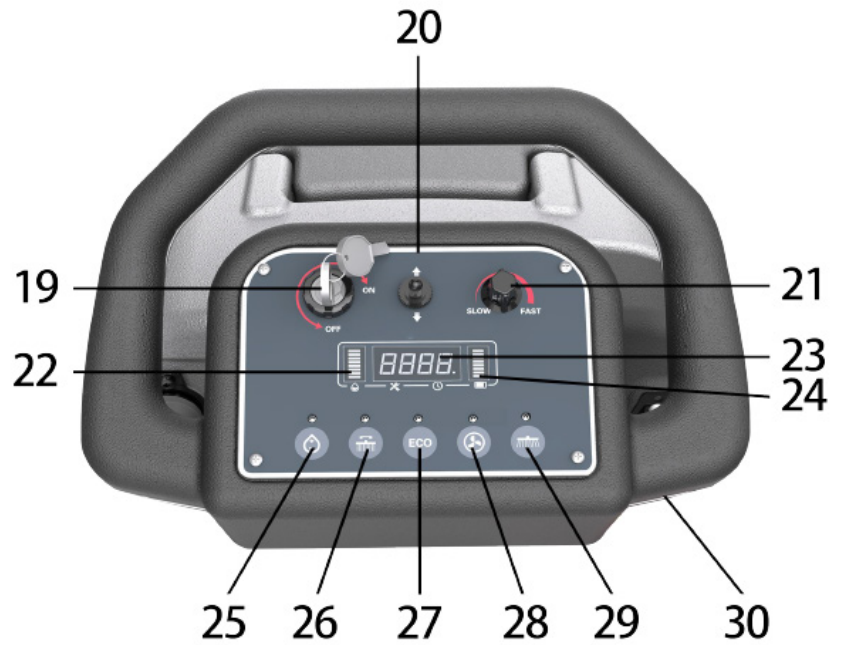
Rear View:

8. Handle
9. Water Gun
10. Sewage Drain Pipe
11. Water Level Sight Tube
12. Charging Port
13. Brush Disk Lifting Pedal
14. Squeegee Assembly
15. Suction Hose
16. Controller and Wiring Assembly
17. Bumper Wheel
18. Squeegee Lifting Pedal



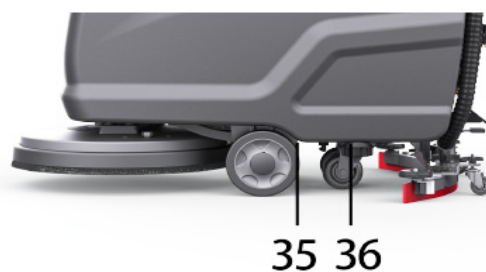
CONTROL PANEL COMPONENT

- 19. Main Power Switch
- 20. Forward/Reverse Switch
- 21. Speed Control Switch
- 22. Water Level Indicator Light
- 23. Usage Time Indicator Light
- 24. Battery Level Indicator Light
- 25. Water Flow Adjustment Switch
- 26. Brush Disk Removal Switch
- 27. Economy Mode Switch
- 28. Fan Switch
- 29. Brush Disk Switch
- 30. Self-Propelled Lever



INTERNAL AND LOWER COMPONENTS

- 31. Dirty Water Tank
- 32. Fan Compartment
- 33. Battery
- 34. Clean Water Tank
- 35. Solenoid Valve
- 36. Clean Water Filter



CONTROL PANEL SYMBOLS

Symbol

Function



Turns the machine on or off.



Starts or stops the brush motor.



Adjusts the machine speed.



Controls the suction motor.



Changes the machine's direction.



Activates power-saving mode.



Controls the amount of water dispensed.



Engages the brush removal system.

Installation

Unpacking the Machine

Inspect for Damage

Carefully inspect the packaging box for any damage. If damage is found, report it immediately to the carrier.

Check the Contents

Review the shipping content list to ensure all items are included. If anything is missing, contact your dealer.

Included Items:

- Two 12-Volt Batteries
- 24V Smart Charger
- 8 mm wire, 37 cm long (for battery connection)
- Four plastic covers for battery terminals
- One squeegee assembly
- One brush disk
- One splash guard

Unloading the Machine

Before unpacking, remove the metal fixtures securing the large wheels. With assistance, carefully unload the machine from the rack.

Note: *Do not push the machine directly off the rack if a loading ramp is not used, as this may cause damage.*

Cleaning Method:

Water and detergent flow to the brush disk and onto the floor through the water valve and solenoid valve. The rotating brush disk applies the detergent and scrubs the floor. As the machine moves forward, the suction motor draws dirty water into the dirty water tank via the squeegee assembly.

INSTALLATION

Connecting the Squeegee Assembly

1. Park the machine on a level surface, turn off all power switches, and remove the key.
2. Lift the squeegee lifting pedal to the upper position. Then, mount the squeegee assembly onto the squeegee mounting bracket (see Figure 3)



Ensure the tightening knob is fully inserted into the slot before securing.

3. Connect the suction hose to the squeegee assembly as shown in Figure 4.



4. Check and properly adjust the squeegee blades.

Installing the Brush Disk

For safety: Before installing the brush disk, ensure the machine is parked on a level surface, all power switches are turned off, and the key is removed.

1. Park the machine on a flat, stable surface. Turn off all power and remove the key.
2. Step on the brush disk lifting pedal and move it to the left (as shown by the arrow in Figure 5) to raise the brush motor.



Installation Method:

1. Align the brush disk with the clasps on the brush motor.
2. Rotate **clockwise** to install the brush disk.
3. Rotate **counterclockwise** to remove it.

Filling the Clean Water Tank with Cleaning Solution

The machine has a built-in water bucket filling hole located at the front. Pour the cleaning solution into the clean water tank through this opening (see Figure 6).



For floor washing: Use warm water (up to 60°C). Follow the mixing instructions on the detergent container to prepare the correct solution.

Note: *If using a bucket to fill the tank, ensure the bucket is clean. Do not reuse the same bucket for both clean and dirty water.*

Attention:

Only use commercially recommended cleaning detergents. Using improper or non-approved agents (such as laundry detergent or abrasive cleaners) may damage the machine and void the manufacturer's warranty.

Warning:

To avoid fire or explosion, never use flammable liquids.

For safety: *Always follow the chemical manufacturer's guidelines for mixing ratios and handling instructions.*

OPERATING THE MACHINE

For safety:

Do not operate the machine unless you have read and understood the operator's manual.

Warning:

There is a risk of fire or explosion. Do not operate the machine near or in areas containing flammable liquids, gases, or combustible dust.

Pre-Operation Checklist

Before turning on the machine:

1. Sweep the floor.
2. Check the **Battery Level Indicator** to ensure sufficient charge.
3. Inspect the brushes for wear.
4. Check the condition and angle of the squeegee blades.
5. Confirm that the dirty water tank is empty and the dirty water filter is clean and properly installed.

Starting the Machine

Turn on the **Main Power Switch** and set the **Forward/Reverse Switch** to the forward position (see Figure 7).

Press the **Brush Motor** and **Suction Motor** buttons, then adjust the **Speed Control** to the desired setting (Figure 7).



Step on the **squeegee lifting pedal** to lower the squeegee assembly to the ground (see Figure 8).



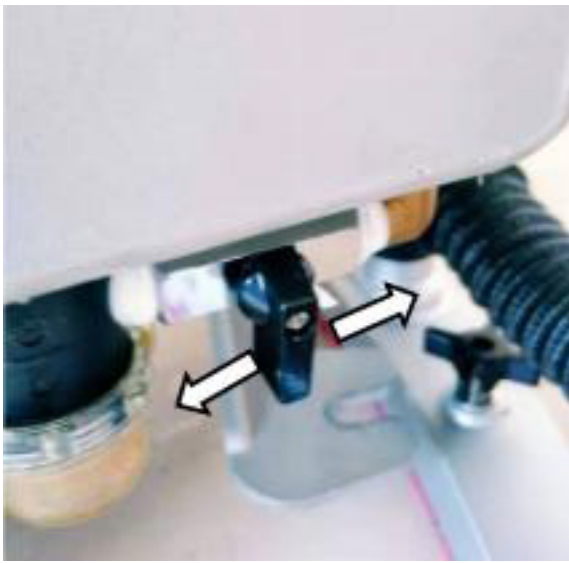
Step on the **brush motor pedal** and move it to the right (as shown by the arrow in Figure 9) to lower the brush disk to the floor.



Turn on the **water release switch** and adjust the water flow as needed.

(Water flow can also be adjusted using the control panel switch, depending on the floor cleaning requirement.)

Hold the **motor switch handle** and begin cleaning (Figure 10).



Stopping the Machine

First, turn off the **Brush Disk Switch**.

Then, turn off the **Suction Motor Switch** and **Main Power Switch** once all dirty water has been vacuumed and the floor is clean.

Finally, raise both the **brush disk** and the **squeegee assembly**.

During Machine Operation

Warning: *To prevent the risk of fire or explosion, do not pick up flammable materials or reactive metals.*

For Safety:

Operate the machine slowly on slopes and slippery surfaces.

Always wear slip-resistant shoes.

Operation Tips:

Overlap each cleaning path by 5 cm for full coverage.

Keep the machine moving continuously to avoid damaging the floor.

Sweep the floor in advance to prevent streaks.

If streaks appear, check the squeegee for clogs. Clean the squeegee blades with water or a soft cloth.

Do not operate the machine on slopes greater than 5% (3 degrees).

If excessive foam is present, pour a **commercially approved defoamer** into the dirty water tank.

This prevents foam from reaching the dirty water filter and damaging the suction motor.

For extremely dirty areas, use a **double-cleaning method**:

1. First, clean with the **squeegee raised** and let the solution sit for 3–5 minutes.

2. Then lower the squeegee and clean again.
3. When leaving the machine unattended:
4. Raise the brush disk and squeegee
5. Turn off all power switches
6. Remove the key

Battery Level Indicator

The **Battery Level Indicator** displays the current charge status. When the battery is fully charged, **all lights** are illuminated.

As the battery discharges, the lights will go out from **right to left**.

Note:

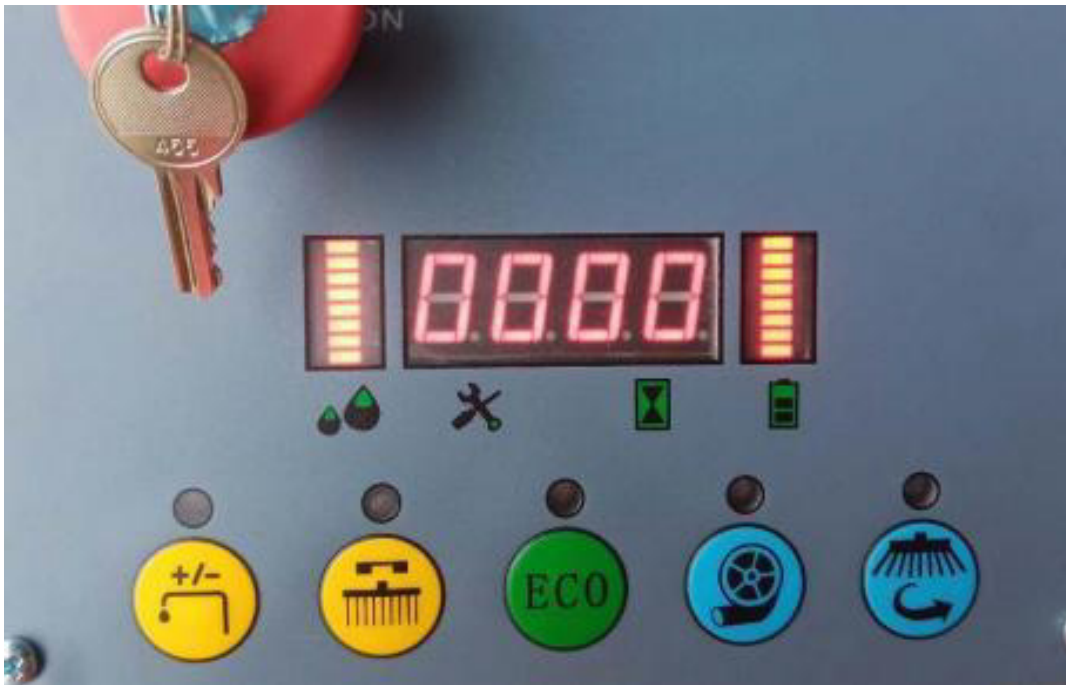
*To extend battery life, always recharge the battery **after each use**.*

Low Battery Protocol:

If only one light remains and it starts blinking, **stop using the machine immediately**.

Continuing to operate at this level may cause the machine to shut down before cleaning is complete.

Push the machine manually to the charger and begin charging (see Figure 11).



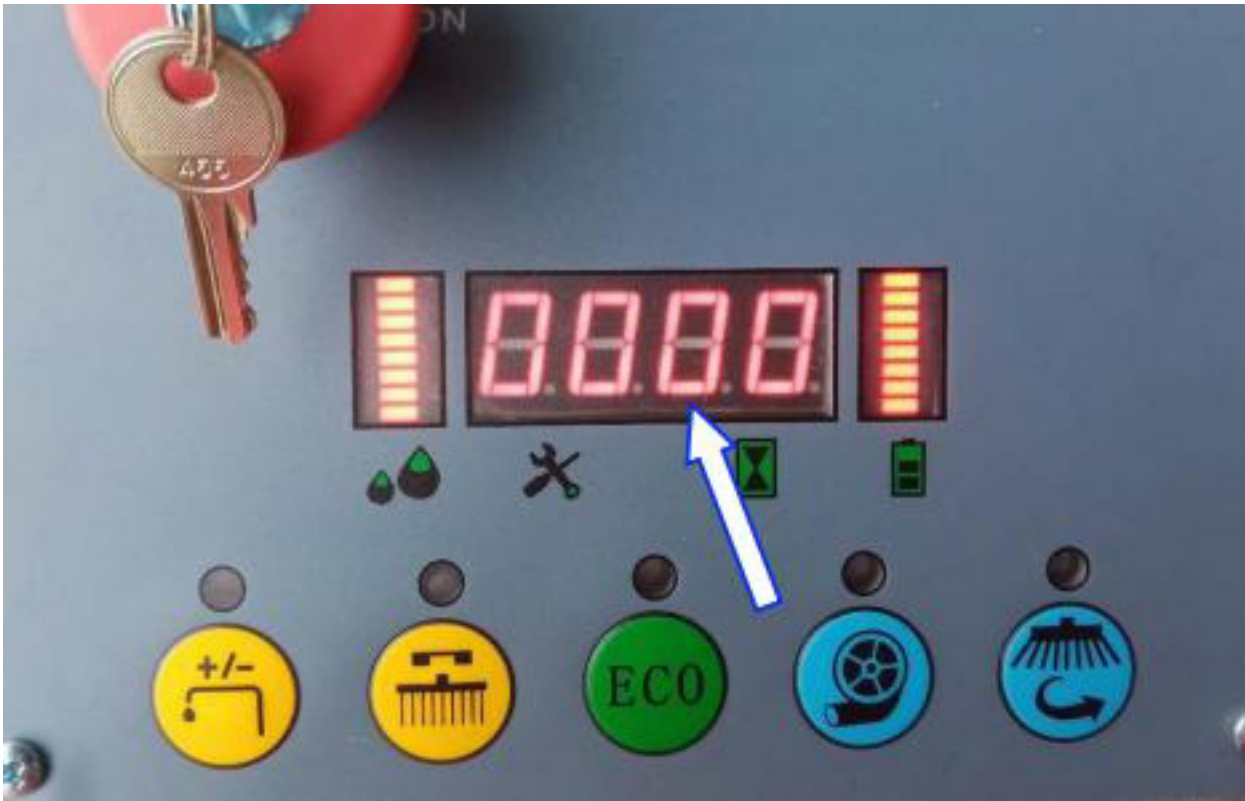
Timer

The timer displays the total number of operating hours for the **brush motor**.

Use this timer to:

Track the machine's **maintenance schedule**

Maintain a record of **service history**



Refer to **Figure 12** for the timer display location.

DRAINING THE WATER TANKS

Drain and clean the **dirty water tank** after each use.

For safety:

Before leaving or servicing the machine:

- Park it on a **level surface**
- Turn **off** the machine
- **Remove** the key

Emptying the Dirty Water Tank

Transport the machine to a suitable **drainage area** and switch off the **power**.

Hold the **drainage hose** upward, remove the **hose cap**, and then drain the tank (see Figure 13).



Note:

After draining, always tighten the hose cap securely to prevent air leaks that could affect the suction function.

Note:

*If using a bucket to collect dirty water, **do not reuse** the same bucket to fill the clean water tank with solution.*

When cleaning the **dirty water tank**, do not flush clean water into the **water level limiter** (Figure 14).



Emptying the Clean Water Tank

To drain any remaining water from the **clean water tank**, open the **drain cap** located at the bottom of the tank (see Figure 15).



BATTERY CHARGING

The following charging instructions apply to the charger provided with the machine.

Note:

To extend battery lifespan, always charge the battery promptly after use. Leaving the battery discharged for long periods may lead to permanent damage.

Battery Charger Specifications

Charger Type: Fully automatic intelligent charger

Battery Type: Maintenance-free

Output Voltage: 24V

Output Current: 15Ah

Using the Battery Charger

For detailed usage, refer to the charger's manual. Basic steps are below:

*Move the machine to a **well-ventilated** area.*

Warning: *Keep away from sparks or open flames to prevent risk of fire or explosion.*

Park the machine on a level, dry surface. Raise the brush disk and squeegee. Turn off all power switches and remove the key.

Open the **dirty water tank cover** for ventilation.

Plug the charger's **AC (Alternating Current)** cord into a **grounded electrical outlet**.

Insert the charger's **DC (Direct Current)** connector into the charging socket on the back of the machine

(see Figure 16).



Once connected, the charger **automatically disables** the machine from operating.

Important:

Do **not** disconnect the DC cord from the machine while charging, as this can cause an **arc discharge**. If you must interrupt charging, unplug the **AC cord first**.

Battery Installation and Use Precautions

Before use:

- Check each battery for damage, cleanliness, and clear markings.
- Wipe battery terminals clean with a dry cloth.
- Check that the open-circuit voltage of each battery matches and that all terminals are clearly marked.
- Ensure correct polarity: positive and negative terminals must be correctly aligned.

During installation:

- Install batteries **upright**, not inverted.
- Maintain **at least 5mm of spacing** between each battery.
- After all batteries are installed, verify that all connections are secure.
- When tightening connectors, do not apply excessive torque.
- Maximum torque should **not exceed 15Nm** to avoid damaging terminals.
- When installing the batteries, ensure that spacers are in place between them.
- This prevents shifting or collision due to vibration during operation.

Component Positioning:

Ensure that parts such as locks and fuse holders are isolated from the battery.

Batteries should be used in a **charged state**.

If stored for over **2 months**, they must be recharged according to the charger's manual before use.

Store batteries in a **cool, dry location**.

Avoid high humidity, vibration, and direct sunlight.

Do not store in environments below **-10°C** or above **40°C**.

Battery capacity is measured at **25°C (77°F)**.

Every **1°C drop** below that reduces capacity by 1%.

Avoid using the battery below **-10°C**.

Do **not disassemble** the battery under any circumstances.

Recycle used batteries properly to prevent environmental damage.

Monitor the **temperature during charging**.

Overheating can **reduce lifespan** and increase the risk of failure.

Avoid allowing the battery to remain discharged for long periods.

Always **recharge after use** and avoid deep discharges.

Do not **charge the battery too frequently** or operate the machine in a low-charge state continuously.

This can damage the battery.

The manufacturer is **not responsible** for battery damage caused by misuse.

LED Indicator Status – Intelligent Charger

LED Lights	Indicator Status	Working State
LED1 off, LED2 red, fan off	Standby mode – no battery connected	
LED1 on, LED2 flashing red/sec, fan on	Pre-charge state (≤ 2 hours)	
LED1 on, LED2 red, fan on	Constant current charging mode (≤ 10 hours)	
LED1 on, LED2 red, fan on	Constant voltage with limited current (≤ 2 hrs)	
LED1 on, LED2 green, fan on	High voltage small current (≤ 1 hour)	
LED1 on, LED2 green, fan off	Float charge (≤ 1 hour)	
LED1 off, LED2 green, fan off	Charging complete	

If LED2 is Red, Possible Issues Include:

Load short-circuit

Incorrect wiring

Battery wire short-circuit

Over-temperature (LED2 flashes orange)

MACHINE MAINTENANCE

To keep the machine in optimal working condition, follow the **daily, weekly, and monthly** maintenance routines outlined in the manual.

Warning: Risk of electric shock. Always disconnect the battery connections before performing any maintenance.

Daily Maintenance (After Each Use)

Drain and clean the dirty water tank

Refer to Figure 17.



Drain the clean water tank, remove the **clean water filter**, clean it thoroughly, and reinstall it.

Refer to Figure 18.



Inspect the brush disk

Lift the splash guard and check the brush disk for wear.

If there is significant wear, replace the brush disk promptly (see Figure 19).



Inspect the squeegee blades

Check the edges of the squeegee blades for wear (see Figure 20).



If they are worn, rotate the blades to use a fresh edge.

If **all four sides** are worn, **replace the blades immediately**.

(Refer to the "Squeegee Blade Replacement" section of the manual.)

Clean the machine exterior

Wipe the machine down using a multi-purpose cleaner and a damp cloth (see Figure 21).



For safety: Do **not** use high-pressure sprays or hoses, as this may cause electrical system failure.

Recharge the battery after each use

To extend battery life and prevent deep discharge, always charge the battery promptly after using the machine (see Figure 22).



Weekly Maintenance

Clean the clean water filter

Remove the clean water filter from beneath the machine (Figure 23).

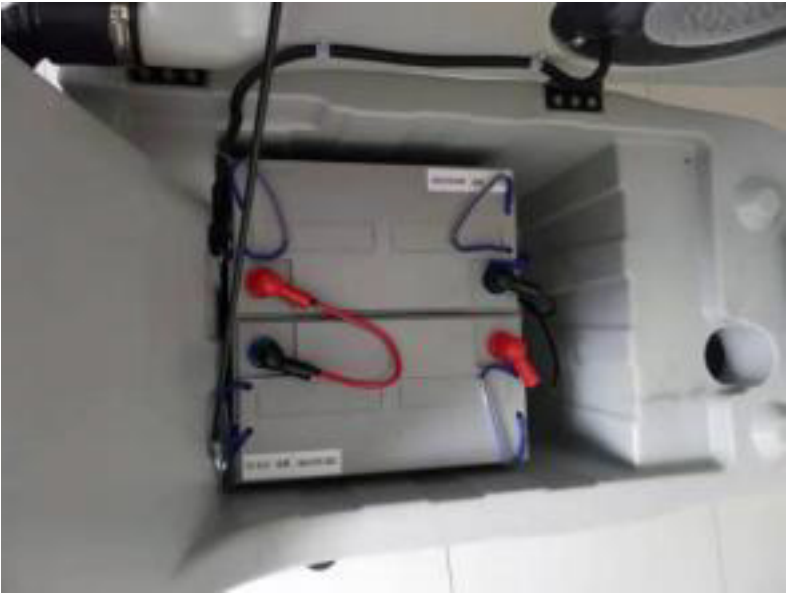


Ensure the **clean water tank is empty** before removing the filter to avoid spillage.

Battery care

Clean the tops of the batteries to prevent **electrode corrosion**.

Check that all **battery connections are secure** (Figure 24).



Semi-Annual Maintenance

Test the machine’s **electrical system** every six months.

Maintenance Table

This table shows the required maintenance tasks, their frequency, and who is responsible:

Interval	Responsible	Component	Procedure
Daily	O	Brush Disk	Check height and wear
Daily	O	Dirty Water Tank	Check for damage, debris, or wear
200 Hours	T	Battery Electrodes & Connections	Check and clean
500 Hours	T	Vacuum Motor	Inspect motor brushes (first check at 500 hrs, then every 100 hrs)
500 Hours	T	Brush Motor	Inspect motor brushes (first check at 500 hrs, then every 100 hrs)
500 Hours	T	Drive Motor	Inspect motor brushes (first check at 500 hrs, then every 100 hrs)
500 Hours	T	Large Wheels	Check for damage and wear

Key:

O = Operator

T = Trained Personnel

Note: In extremely dusty environments, more frequent maintenance may be required.

Squeegee Blade Replacement

Each squeegee blade has **four sides**.

When one edge wears out, rotate the blade to use a fresh edge.

If **all four sides** are worn, replace the blade immediately.

Step 1:

Remove the squeegee assembly from the machine (see Figure 25).



Remove the blade:

Loosen the **crescent plate** and the **stainless steel clamp** to remove the blade from the squeegee assembly (see Figure 26).



Flip and reinstall the blade:

Rotate the blade to expose a fresh edge, then reinstall it.

Ensure the **grooved side** of the blade is **facing downward** (Figure 27).



Below is an overview of the full squeegee assembly layout and a correctly installed blade (Figure 28).



Squeegee Blade Adjustment

The squeegee blade is factory-adjusted and typically does not require further calibration. However, if the blade becomes misaligned due to use or transport, it may need to be readjusted.

To ensure optimal floor contact and suction performance, the **squeegee wheels** must be properly adjusted for both height and alignment. Follow the steps below:

1. Check Contact with the Floor

Verify that the squeegee blade makes full contact with the floor:
Measure the gap between the **squeegee wheels** and the **floor**.

The correct clearance is approximately **2 mm**.

When operating, the squeegee blade should flex slightly, as shown by the arrow in Figure 29.



2. Adjust the Blade Level

If the blade contacts the floor unevenly — for example, leaving a gap on one side — you'll need to adjust the **leveling nut**:

Turn the **adjustment nut clockwise** to **raise** the left side of the blade.

Turn the **nut counterclockwise** to **lower** the left side into contact with the floor.

Repeat adjustments until the blade sits evenly (see Figure 30).



TRANSPORTING THE MACHINE

When transporting the machine using a **truck or trailer**, follow these steps to secure it properly:
Raise both the **squeegee** and **brush head**.

Use a **recommended loading ramp** to load the machine safely.

Position the front of the machine against the **front wall** of the truck or trailer. Once in place, **lower the brush head and squeegee**.

Place a **block behind each drive wheel** to prevent movement during transport.

Secure the top of the machine with **ropes or straps** to prevent tilting. Bracing or blocks must be mounted to the **bed or floor** of the truck/trailer.

For Safety:

Always use **recommended loading ramps** for loading/unloading.

Use **ropes** or **tie-down straps** to prevent movement or tipping during transport.

STORING THE MACHINE

Charge the battery before storage.

Do **not** store the machine with a discharged battery.

If stored long-term, recharge the battery every **2-3 months** to prevent deep discharge.

Drain and rinse the **dirty** and **clean** water tanks completely.

Store the machine in a **dry indoor location** with the squeegee and brush disk **raised**.

Open the dirty water tank cover to allow ventilation.

Do not expose the machine to rain or leave it outdoors.

If storing the machine in **freezing conditions**, follow the antifreeze instructions below.

Antifreeze Procedure

Pour **1 gallon (approx. 4 liters)** of antifreeze into the **clean water tank without diluting it**.

For Safety:

Wear **protective eyewear** to avoid contact with eyes.

Important:

Before operating the machine again, be sure to **flush the antifreeze** from the clean water tank completely.

TROUBLESHOOTING

Problem	Cause	Solution
Machine does not operate	Power switch is off or damaged	Turn the key to ON or replace the switch
	Brush motor button is off or damaged	Turn on the switch or replace it
	Suction motor button is off or damaged	Turn on the switch or replace it
	Micro switch handle malfunctioning	Adjust or replace the micro switch
	Battery is depleted or damaged	Charge or replace the battery
	Overload protector tripped	Eliminate short circuit and press the overload protector
Charger does not work	Plug not connected to the power source	Check the plug connection
	Positive and negative wires connected incorrectly	Correct the polarity of connections
	Charger malfunction	Refer to the charger's error codes
Brush motor does not work	Brush is lifted off the ground or button not pressed	Replace the brush motor proximity switch
	Motor switch is damaged	Replace the micro switch
	Overload protector tripped	Eliminate fault, press overload protector
	Brush motor connector is loose	Secure the connector
	Brush motor is damaged	Replace the motor
Machine does not move	Steering wheel is damaged	Replace the steering wheel
	Large wheel is damaged	Replace the large wheel
	Brush adjustment is loose	Readjust the brush adjustment nut
	Micro switch is damaged	Replace the micro switch
	Micro switch wire is disconnected	Reconnect the wire
Suction motor does not work	Motor micro switch is damaged	Replace the micro switch
	Suction motor is damaged	Replace the suction motor
	Dirty water tank is full	Drain the dirty water
Low or no water flow	Clean water tank filter is clogged	Clean the filter
	Water valve switch is damaged	Replace the water valve switch
	Solenoid valve is damaged	Replace the solenoid valve
Water does not stop flowing	Solenoid valve is contaminated	Fill the clean water tank, open water valve to max, start machine, press suction to clean the valve. Repeat if necessary.
(even when drain valve is closed)	Solenoid valve is damaged	Replace the solenoid valve
Insufficient suction	Dirty water tank is full or suction hose is damaged	Drain the dirty water tank or replace the suction hose

	Drain hose cap is not sealed	Reseal the drain hose cap
	Dirty water tank filter is clogged	Clean the dirty water tank filter
	Debris at the tank seal or hose cap	Remove debris and reseal the drain hose cap
	Squeegee blades are worn	Replace or flip the squeegee blades
	Squeegee blades are not contacting the floor	Adjust the height of the squeegee blades
	Suction motor is damaged	Replace the suction motor
Reduced operating time	Debris in the water guide cover	Clean debris from the dirty water guide cover
	Battery is depleted	Charge the battery
	Battery is deeply discharged or faulty	Fully charge or replace the battery
	Battery needs protection	Refer to the Battery Maintenance section
	Battery charger is faulty	Repair or replace the battery charger

BATTERY CHARGER FAULT CODES

LED Code	Fault	Solution
LED2 green (flashing slowly)	Charger malfunction	Replace the charger
LED2 orange	Charger temperature too high	Check if the charger's cooling vents are blocked
LED2 red	Battery voltage is below 12V	Check battery connections; if the charger cannot detect the battery, use another 24V, 15–25Ah charger

Notes:

Do not use liquid-type chargers with maintenance-free batteries — they may cause damage.

Maintenance-free chargers may charge both types, but cannot fully charge liquid-type batteries.

If the battery voltage is below 12V, the intelligent charger will not activate.

These fault codes typically apply to new batteries. Old batteries may need to be replaced or serviced.

If the battery indicator shows empty, charge the battery immediately to avoid irreversible damage.

MACHINE SPECIFICATIONS



Specification		Value (U.S.)
Body Size		51.2" × 31.5" × 41.7"
Squeegee Width		31.5 inches
Cleaning Width		19.7 inches
Cleaning Efficiency		26,910 ft /h
Brush Motor		–
Suction Motor		–
Charging Time		5–6 hours
Operating Time		4–5 hours
Noise Level		65 dB
Clean Water Tank Capacity		14.5 gallons
Dirty Water Tank Capacity		17.2 gallons

|Warranty

Limited Warranty

Dapper Supply, Inc. extends a limited warranty to the original purchaser, guaranteeing that this Dapper Supply product is free from manufacturing defects in material or workmanship for one year from the date of purchase. If a defect is discovered within the warranty period, Dapper Supply, Inc. reserves the right to repair or replace the product at no cost to you, or to cover the cost of replacement parts and repair labor necessary to address defects present at the time of purchase or resulting from normal usage, provided the product has been installed, operated, and maintained according to the provided instructions. Any replacement parts requested within the first year are free of charge and fall under this warranty.

At its sole discretion, Dapper Supply, Inc. may choose to replace the product. In such cases, the replacement product will carry the warranty for the remainder of the original unit's warranty period.

This warranty is valid exclusively for the original purchaser of the product and applies only within the United States. The warranty begins on the date of the original purchase. Proof of the purchase date is required to obtain service under this warranty.

Under this limited warranty, your sole and exclusive remedy is the repair of the product as described above. All warranty services must be performed by a Dapper Supply-authorized service provider.

To claim warranty or request repair service:

Email: support@dapper-supply.com

Include your name, address, phone number, details of the warranty repair request, and a copy of your proof of purchase receipt. Alternatively, visit dapper-supply.com and use the "Contact Us" page. A Dapper Supply customer service representative will assist in arranging service for your product.

Thank you for choosing Dapper Supply.

WARRANTY EXCLUSIONS

This limited warranty does not cover:

- 1.Product failure due to power outages, interruptions, or inadequate electrical service.
- 2.Damage incurred during transportation or handling.
- 3.Damage caused by accidents, pests, lightning, wind, fire, floods, or other acts of God.
- 4.Damage resulting from accidents, misuse, abuse, improper installation, repair, or maintenance, including the use of devices that alter or convert the voltage or frequency of electricity.
- 5.Unauthorized product modifications, repairs performed by unauthorized providers, or use of non-approved replacement parts.
- 6.Cleaning and maintenance not performed according to the user manual.
- 7.Use of incompatible accessories or components.
- 8.Any costs associated with repairs or replacements under these excluded circumstances will be the responsibility of the consumer.

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