

#274AFS1BAT

17" 1.7 Gallon Cordless

Walk-Behind Floor Scrubber

Dual Disc with Scrub Brushes



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Critical Information

- **Maintain Components:** Inspect brushes and squeegee blade regularly for wear and replace as needed using the instructions in the Maintenance section.
- **Battery:** This unit is battery powered. Use of the provided charger is required. Do not use any other charger.

Specifications

Rated Voltage	DC-36V
Working Efficiency	8,611-10,764 ft ² /h
Brush Dimensions	8.35" x 2"
Brush Speed	0-350 RPM
Brush Motor Power	36V / 120W
Brush Pressure	13.23 lb.
Vacuum Motor Power	36V-140W
Vacuum Degree	1.45-1.74 PSI

Solution Tank Capacity	1.05 gal (Max)
Recovery Tank Capacity	1.72 gal (Max)
Noise	65-67 dB
Battery Working Hours	12Ah – 130 min.
Battery Weight	8.60 lb.
Net Weight	48.50 lb.
Gross Weight	61.73 lb.
Dimension	45.5" x 20.7" x 15.0"

Hazard Statements

General Warnings

DANGER — Entanglement Hazard

- **Warning:** Loose clothing, jewelry, or hair can catch in moving parts. Secure hair, remove or secure scarves, ties, and other loose items, and keep at least 6" (15 cm) from rotating parts to prevent severe injury or death.

WARNING — Magnet & Pacemaker Hazard

- **Warning:** Strong magnets can affect pacemakers and pose ingestion risk for children. Pacemaker users must keep at least 6" (15 cm) from the unit to avoid pacemaker malfunctions. Keep magnets away from children to prevent serious or fatal injury.

WARNING — Machine Orientation Hazard

- **Warning:** Tipping/spills from improper orientation can cause spills and/or tripping. Keep the unit upright when operating or adding/removing fluids/batteries to prevent injury or equipment damage.

CAUTION — Read the Manual

- **Warning:** Failure to read the manual can lead to misuse from incomplete knowledge. Read and follow manual instructions before operation to prevent increased injury risk, damage, and voided warranty.

Operational Warnings

WARNING — Rotating Brush Hazard

- **Warning:** Brushes propel debris and can injure hands/feet. Clear large debris before using the scrubber, keep body parts at least 6" (15 cm) away from brushes, and do not reach under running brush to prevent cuts, bruises, and serious injury.

WARNING — Slip/Fall Hazard

- **Warning:** Wet floors are slippery. Use vacuum function, place wet floor markers, and follow local signage rules to prevent falls and injuries.

WARNING — Parking Hazard

- **Warning:** This machine can roll on slopes. Park the unit on hard, level surface and engage the brakes/locks (if available) to prevent collisions, damage, and injury.

WARNING — Fire/Explosion/Poison Hazard

- **Warning:** Flammable or toxic materials can ignite or cause exposure. Do not operate the unit near flammable dust/vapors and use only water-based solutions (pH 3–11, <113°F/45°C) to prevent fire, explosion, or chemical injury.

DANGER — Electrical Shock Hazard

- **Warning:** Avoid contact with live outlets or wiring. Do not operate the unit over floor outlets or near exposed wires and inspect cord/outlet (if applicable) to prevent electrocution, serious injury, or death.

CAUTION — Improper Use Hazard

- **Warning:** Using the scrubber as a stepladder or with passengers causes falls. Do not operate the unit with any other passengers aside from the operator and do not stand on the unit to prevent injury or damage.

CAUTION — Children & Untrained Users

- **Warning:** Unsupervised operation leads to misuse. Only trained adults may operate. Keep the unit away from children and untrained individuals to prevent injury and machine damage.

Battery Warnings

DANGER — Electrical & Fire Hazard

- **Warning:** Damaged batteries/chargers can spark fire, explosion, or shock. Use only the approved charger and replace damaged packs to prevent burns, electrocution, or serious injury.

WARNING — Charging Hazard

- **Warning:** Overcharging can overheat batteries. Follow charge times and charge in ventilated areas away from flammable objects to prevent fire, battery damage, or personal injury.

Maintenance Warnings

CAUTION — Unexpected Start-Up

- **Warning:** Machine may start during maintenance. Turn off/power down the unit, remove the key, and remove from power source (if applicable) before servicing to prevent cuts, lacerations, or other injuries.

WARNING — Unauthorized Modifications

- **Warning:** Alterations can compromise safety. Do not make any modifications without the manufacturer's approval to prevent serious injury, damage, or voided warranty.

CAUTION — Regular Inspection

- **Warning:** Worn brushes/squeegees reduce effectiveness and cause unsafe conditions. Check component wear regularly and replace if worn to avoid poor performance and machine damage.

WARNING — Maintenance Interval

- **Warning:** Lack of periodic checks can lead to failures. Inspect the unit every 500 hours or per manufacturer's schedule to prevent malfunction, injury, or voided warranty.

Storage & Disposal Warnings

CAUTION — Improper Storage

- **Warning:** Extreme conditions damage electronics/batteries. Store the unit indoors in recommended temperature/humidity range to prevent malfunction, shortened lifespan, or damage.

WARNING — Battery Disposal

- **Warning:** Incorrect battery disposal can cause fire, explosions, and environmental harm. Follow local battery disposal laws and use approved replacements to prevent fire, pollution, or legal liability.

CAUTION — End-of-Life Product Disposal

- **Warning:** Improper disposal harms the environment. Follow local e-waste/recycling regulations to prevent fines, environmental damage, or legal liability.

Initial Setup

- **Inspect the Packaging:** Examine the unit's packaging for any signs of damage that may have occurred during shipping.
- **Unboxing:** Open the packaging with care. Use scissors or a box cutter to cut open the box, ensuring you do not damage the unit or its components.
- **Installation:**
 1. **Minimal Assembly Required:** Insert the battery into the scrub deck (G) of your machine. Slide out the clamps on either side of the battery to lock it into place (Please note your battery may need charged before initial operation).
 2. **Included Components:** Each scrubber package will come with a battery and charger (multiple boxes).

Cleaning

Post-Operation Procedure:

1. **Dispose of Wastewater:** Empty both the solution and recovery tanks in an appropriate drain.
2. **Flush the System:** Completely rinse tanks, lines, and valves.
3. **Refill Solution Tank:** Add 1–2 pints of clean water and run the scrubber in Combination 7 (see Operation section) to clean the system.

Cleaning the Tanks:

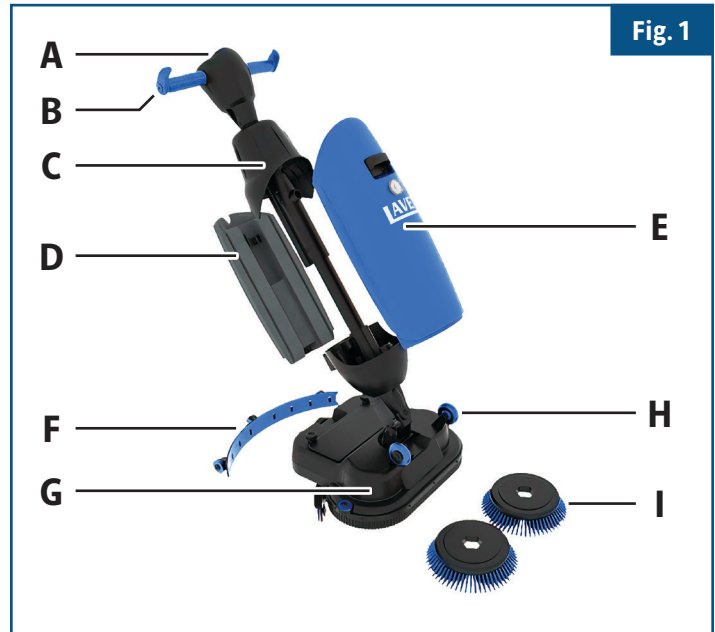
1. **Empty Tanks:** Dispose of water or cleaning solution.
2. **Clean Recovery Tank:** Partially fill with fresh water, tilt to rinse thoroughly, and drain.
3. **Clean Solution Tank:** Repeat the above procedure for the solution tank.
4. **Dry Tanks:** Open both caps before storage to allow for air drying.

Inspect Brushes and Squeegee:

1. **Check Brushes:**
 - Clean with fresh water or replace as needed.
 - Replace brushes when the wear indicator matches the bristle height.
2. **Inspect Squeegee:**
 - Clean with fresh water and a damp cloth.
 - Replace blades if worn.

Part Identification

- A. Control Panel
- B. Handles
- C. Body
- D. Battery
- E. Tank
- F. Squeegee
- G. Scrub Deck
- H. Casters
- I. Scrubbers



Operation

Before Operation

1. **Charge the Battery:** Ensure the battery pack is fully charged before use. Charge the battery monthly if stored.
2. **Inspect Brushes and Squeegee:** Check for wear or damage before starting. Replace or clean as needed. Refer to Maintenance section for additional instructions.
3. **Battery Indicator:** Monitor the battery indicator on the control panel during use. Avoid operating the scrubber when the battery is below 40%.
4. **Avoid Operating at Extreme Angles:** Operating below 45 degrees can cause water to enter the vacuum engine.
5. **Dispose of Waste Properly:** Adhere to local wastewater treatment guidelines.
6. **Empty Tanks Regularly:** Even if it is not full, empty the recovery tank with each solution refill.

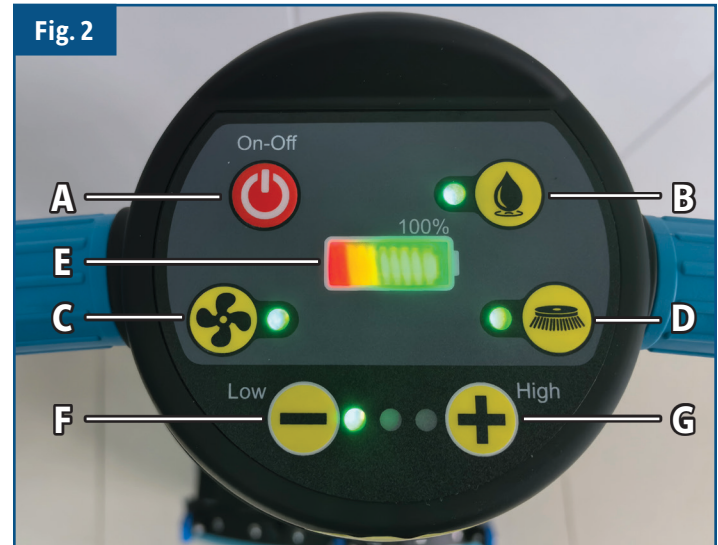
Filling the Solution Tank

1. **Open Stopper:** Remove the stopper from the tank.
2. **Add Solution:** Pour up to 1.05 gallons of cleaning fluid into the solution tank. Please avoid high-foam chemicals as these can damage your floor scrubber. Please follow your chemicals proper dilution ratio.
3. **Seal Tank:** Replace the stopper securely.
4. **Attach Tank:**
 - Set the scrubber in park position.
 - Place the tank on the scrubber, ensuring the valve is first.
 - Press the tank downward to break the valve seal.
 - Push until you hear a "click."
5. **Clean Hands:** Wash your hands after handling cleaning fluids.

Controls

(Fig. 2)

- A. Power Button
- B. Water Button
- C. Vacuum Button
- D. Brushes Button
- E. Battery Indicator Display
- F. Vacuum Power Adjustment (Lower)
- G. Vacuum Power Adjustment (Higher)



Operation Procedure

1. Lower the Scrub Deck:

- Hold the scrub deck with one hand while pushing the release button and moving the main handle forward with the other.
- Lower the scrub deck slowly to the floor.

2. Interface Procedure:

- Press the main ON/OFF switch on the rear control panel.
- Choose the desired mode via the available buttons.

NOTE: When the light next to a button is on, that function is active.

- **Combination 1:** Vacuum only.
- **Combination 2:** Brush only (auto-move).
- **Combination 3:** Water only.
- **Combination 4:** Vacuum + Brush.
- **Combination 5:** Vacuum + Water.
- **Combination 6:** Brush + Water.
- **Combination 7:** Brush + Water + Vacuum (auto-move).

3. Operate the Scrubber:

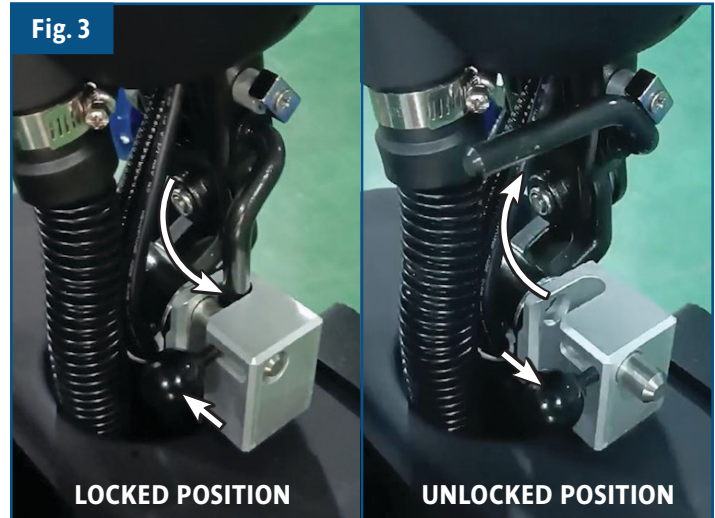
- Hold the handle with both hands.
- Walk behind and steer by gently turning the handle left or right.

Stopping Operation

1. **Stop Water Flow:** Press the water cleaning button.
2. **Stop Brush Rotation:** Press the brush button (continue moving forward 16–26 ft. to finish cleaning the area).
3. **Stop Vacuum:** Press the vacuum button.
4. **Power Off:** Press the power switch.

Be-Right-Back Position

1. **Short Breaks in Operation:** You may opt to slide the locking pin (located just above your scrub deck but below your solution and recovery tanks) into the machine (Fig. 3 - Locked Position). This will allow the scrubber to stand perfectly upright without the need to adjust fully into park position. This position is recommended for clearing debris in your pathway or any situation where the operator must remove their hands from the scrubber.
2. **Returning to Operation:** When returning machine to normal operation, disengage the locking pin (Fig. 3 - Unlocked Position).
NOTE: DO NOT operate the machine with the locking pin engaged.
3. **Prolonged Breaks in Operation/Storage:** Please use the park position below for extended storage.



Store Upright

1. **Park Safely:** Ensure the scrubber is in park position, away from foot traffic.
2. **Position Correctly:** Place near a wall with the handle pointing towards the wall and brushes facing away.

Park Position

1. **Set to Park:** Position the scrubber upright in its vertical storage and maintenance position.
2. **Secure Hose:** Push the vacuum hose back into the machine to avoid damage.
3. **Lift the Scrub Deck:** Crouch down and hold the handle with one hand while supporting the scrub deck with the other hand.
4. **Position Upright:** Slowly lift the scrub deck until it stands upright on the front wheels. Guide the body towards the scrub deck until it snaps into a resting position.

Moving the Scrubber

1. **Set to Park:** Place the scrubber in the park position.
2. **Guide with Care:** Hold the handle and move slowly.
 - **Lift for Obstacles:** Always use two hands to lift the scrubber over obstacles.
 - **Optional Use of Caster Wheels:** On flat surfaces, rely on caster wheels for movement.

Maintenance

Daily Wipe

1. Turn off the machine and disconnect it from the power source.
2. Refer to Cleaning section for daily cleaning operations.
3. Use a damp cloth to wipe down all exterior surfaces.
4. Dry all wiped areas thoroughly with a clean, dry towel to prevent moisture buildup.

Monthly Inspection

Inspect for Wear

Purpose: To ensure all components are functioning properly and address any wear or damage.

1. Turn off and disconnect the machine from the power source.
2. Inspect the plug and cord for discoloration, burn marks, cuts, or tears.
3. Examine all seals and hose for wear or leaks.
4. Consult a service provider or the troubleshooting section if any issues are identified.

Replace Components as Needed

Brush Replacement

Purpose: To ensure efficient cleaning by maintaining the brushes in optimal condition.

1. Put the scrubber in the park position and flip it on its side.
2. Grab the left and right sides of the brushes (or stripping pads holder) with both hands and pull them out of the machine (Fig. 4); they are held in place by magnetic force.
3. Visually inspect the motor discs for signs of wear or damage.
4. Clean the scrub deck with a clean, dry cloth before reinstalling the brushes or stripping pads holder.



Squeegee Replacement

Purpose: To ensure floors are properly dried and to maintain the scrubber's cleaning efficiency.

1. Detach the Squeegee:

- a. Put the scrubber in the park position.
- b. Hold the scrub deck firmly with one hand.
- c. Use the supplied hex wrench to remove the two hexagonal screws securing the squeegee (Fig. 5).
- d. Carefully pull out the squeegee.
- e. Remove the vacuum hose by twisting it.

2. Flip/Replace the Squeegee Blades:

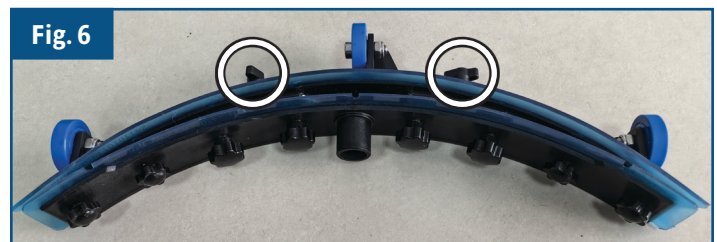
- a. Unscrew the two thumb screws on the back (Fig. 6) and remove the squeegee rear plate.
- b. Remove the rear rubber blade.
- c. Push the eight screws (Fig. 7) through the front blade to remove the squeegee front plate.
- d. Inspect the blades:
 - **First time:** Flip the blades so the top now faces the floor.
 - **Second time:** Replace the blades with a new set.

Caution: Arrow-shaped squeegee blades cannot be flipped; they must be replaced each time.

- e. Reattach the plastic rear plate and secure the eight plastic nuts (Fig. 7).

3. Reattach the Squeegee:

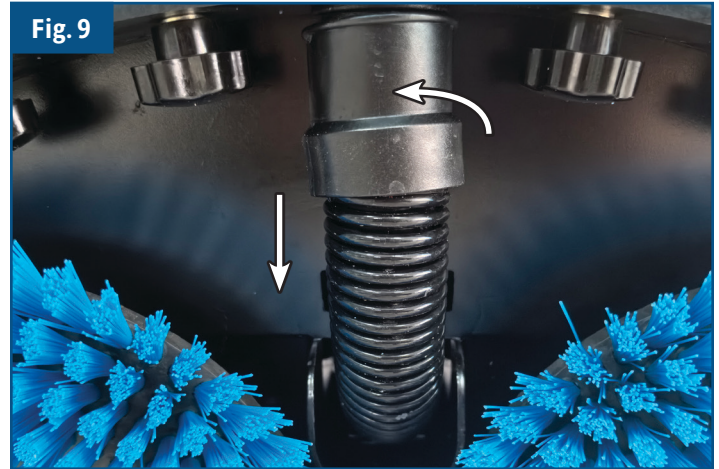
- a. Insert the vacuum hose connector into the squeegee and twist it 1/4 turn for a firm fit (Fig. 8A).
- b. Align the pins on the scrub deck with the holes on the squeegee.
- c. Securely screw the squeegee in place (Fig. 8B).



Vacuum Hose Replacement

Purpose: To maintain proper suction and prevent loss of cleaning efficiency.

1. Detach the squeegee as described in the previous section.
2. Remove the solution tank to access the vacuum hose connection.
3. Hold the scrub deck firmly with one hand.
4. Twist the vacuum hose connector 1/4 turn counterclockwise and remove it (Fig. 9).
5. Carefully pull the vacuum hose out from the top of the machine.
6. Guide the new vacuum hose through the opening to the hose connector at the scrubber handle.
7. Attach the top of the hose to the connector by twisting it clockwise 1/4 turn until aligned.
8. Reinstall the squeegee as described in the previous section.



Troubleshooting

Problem	Possible Cause	Solution
No power.	No battery pack.	Insert battery pack.
	Empty battery pack.	Charge battery pack.
	Battery pack incorrectly connected.	Reconnect battery pack.
Insufficient/no water flow.	Wrong switch on.	Check the switch button on the control panel.
	Main on/off switch is "off."	Check the main on/off switch button.
	Empty tank.	Fill the tank.
	Tank incorrectly placed.	The tank valve must be clicked on the nipple to open the seal. Replace the tank if it does not connect properly.
	Filter blocked.	Ensure the solution tank has no dirt particles in it and the filter is clean.
	Blocked water pipe.	Contact service.
Poor water recovery.	Squeegee opening blocked.	Remove the pipe and clean the squeegee opening.
	Tears in squeegee blades.	Replace squeegee blades.
	Filter blocked.	Check the foam filter and clean if necessary.
	Vacuum hose blocked.	Check hose and remove blockage.
	Vacuum motor not running.	Contact service.
Leakage.	Tanks incorrectly placed.	Check and reattach fluid tanks.
	Tear in vacuum hose.	Replace vacuum hose or contact service.
Battery not charging.	Battery is at end of life.	Replace battery.