



**Operation Manual
C18 Semi-Automatic
Floor Scrubber
Oct 2023 Version**



Please read this Operator's Manual carefully and make sure you fully understand it before using this appliance.

Please keep this manual for future reference.

Please read the instructions carefully before using this product to reduce the risk of fire, electric shock, personal injury, or property damage.

Do not operate the machine unless you have carefully read and fully understand this manual, or have been trained and authorized.

Do not use flammable materials in the water tank as a cleaning agent since it might cause an explosion or fire. In addition, this machine should not be used to clean flammable or flammable spills since it might cause an explosion or fire.

1. This machine is suitable for commercial use. It is recommended to be used in an indoor environment, and should not be exposed to rain.
2. Do not allow it to be used as a toy. Please use the machine with caution when operating it near children.
3. This machine should be used at room temperature between 32 and 104 degree fahrenheit (32°F and 104°F), and relative humidity is between 30% and 95%.
4. Do not place objects on the unit, or allow objects to block the entrance or exit of the tank, hose, waterway, ...etc.
5. Keep your hands, feet, loose objects such as curtains away from the rotation parts of the machine.
6. Do not use acidic solution, or it may damage the machine or harm the operator.
7. Be sure to turn off and unplug the machine before performing any adjustment or maintenance.
8. It is not recommended to use accessories made by other companies, which may result in personal injury and/or property damage.
9. Do not modify the machine.
10. Do not wear loose clothing when using/maintaining the machine, and avoid running into moving objects in the cleaning process.
11. Use only approved cleaning chemicals in the solution tank; add appropriate defoamer to avoid excessive foam in the recovery tank and damage the vacuum motor.
12. Add some antifreeze in the water during the cold winter, or the water might get frozen and break the pipe, some parts, or block the waterway.

13. Empty and clean the recovery tank after each use. Empty the solution tank and the recovery tank before storing the machine.
14. This machine can only be stored indoors on a flat surface. Do not store the machine on inclines.
15. Please push the machine slowly forward when you use it to clean the floor, and pay special attention to any gap between the anti-bump wheel and the wall.
16. Do not push the machine over small obstacles, such as ground socket, doorsill, architrave, etc.
17. Please empty the recovery tank properly before filling the solution tank.
18. Do not handle the plug or machine with wet hands.
19. Please consider putting some CAUTION signs near the working area.

Machine Specification

Model	C18
Brush width (in)	18 in
Squeegee width (in)	31 in
Solution tank (gal)	10.5 gal
Recovery tank (gal)	12 gal
Battery (Ah)	2*80 Ah
Voltage (V)	2*12 V
Suction motor (HP)	0.67 HP
Brush motor (HP)	0.53 HP
Net weight (lbs)	258 lbs
Gross weight (lbs)	331 lbs
Machine size (in)	43*20*43 in (l*w*ht)
Package size (in)	41*24*40 in (l*w*ht)

Machine Components



1. Handle	6. Brush pad	11. Suction hose assembly	16. Power indicator
2. Recovery tank	7. Big wheel	12. Squeegee release handle	17. Brush motor switch
3. Recovery tank cover	8. Solution tank	13. Charger socket	18. Suction motor switch
4. Clean water tank inlet	9. Control panel	14. Water level tube	19. Power switch
5. Guard wheel	10. Drain out hose assembly	15. Squeegee	20 & 21. Floating system

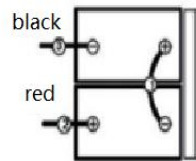
Packaging information

Item	Number
Machine	1
Squeegee	1
Brush plate	1
Needle holder	1
Cleaning pad	1
Batteries	2
Battery charger	1
Instruction manual	1

Before the machine is set up or used:

- 1) Check if the squeegee assembly is properly installed.
- 2) Check if the brush/burnishing pad is installed properly.
- 3) Make sure the working surface can support the weight of the machine.
- 4) Make sure that the recovery tank cover is closed.

Connecting battery



Caution: Make sure you connect RED (+) cable terminals to positive (+) posts and BLACK (-) cable terminals to negative (-) posts. Machine will not operate if it's connected improperly. Failure to do so will result in damage to batteries and possible explosion.

Spray each post with a protective lubricant. Place battery terminal protectors over all posts.

Charging batteries

Connect the charger to the charging port and then plug it into the socket.

Solid red light = No battery connected

Red light flashing = Battery level below 80%

Slow flashing green light = 80% battery level

Fast flashing green light = 80% - 100% battery level

Solid green light = Fully charged



Please charge the batteries fully for 8 ~ 10 hours continuously, especially during the first 5 charges. If you keep on charging the batteries for shorter periods of time, the battery life will be shortened.

When the power display/indicator shows that the battery power is low (only one level of power is left), please charge the batteries immediately to avoid deep discharging.

Squeegee installation

Position the squeegee blade assembly on the swing arm. Make sure the guide wheels face the rear of the squeegee. Place the suction hose over the nozzle. Make sure it fits tightly.



Brush/pad holder installation and removal

Lift up the squeegee and press down the steering handle to tilt up the scrubber. Align the 3 nuts on the brush/pad holder with the 3 holes on the plate under the machine. Turn the brush/pad holder clockwise quickly to lock it in. Grab the brush and rotate it counterclockwise to remove the brush from the machine. If the plate gets stuck, try to shake it side to side until it comes off.



Solution tank



Fill the solution tank with clean water up to the desired level.

You can clean the floor with clean water. If the floor is greasy or sticky, you can add a small cup of neutral low foam/no foam solution to the solution tank (lower tank) while adding a small cup of defoamer/antifoam in the recovery tank (upper tank) or the vacuum motor might be damaged by the bubbles created. For the solution and defoamer, we don't recommend any particular brand. The most common one for floor scrubbers will do.

How To Operate The Machine

Turn the key to the right to turn on the power



Put down the squeegee assembly by lowering the squeegee lifting lever.

Press the brush button switch to turn on the brush function.

Press the suction button switch to turn on the suction function.

The machine is now ready to use.



Adjust the water flow using the water valve knob(as shown in the figure). Turn the water valve proportionally to adjust the water flow. When the valve is parallel to the pipe, the waterway is totally opened. When the valve is perpendicular to the pipe, the waterway is totally closed.



Machine storage

Remember to turn off the brush and suction motors after each use. Raise the squeegee assembly before moving the machine and store it on a flat surface in a cool dry place.

Maintenance Daily

Empty and rinse the recovery tank with clean water. Leave the tank top cover open to air-dry.



Empty the water tank by opening the drain valve at the bottom of the clean water tank.

Rinse and wipe the squeegee assembly clean. Check the squeegee inlet for clogs or debris.

Charge the batteries as described in this manual.

Monthly maintenance

Clean the solution tank.

Remove the filter cover and filter, then wash them with water.

Check the motor every 250 hours to ensure that the motor works normally.

Check for wear or damage of clutch plate, brushes, pads or squeegee blades.

Clean all battery terminals.

Check all electrical connections and tighten them if any connection is loose.

Clean the entire machine with an all-purpose cleaner.

The batteries need to be charged at least once a month to avoid deep discharging which would result in battery failure.

Replace rubber strip

Place the squeegee assembly down and unscrew the two orange four-prong knobs to detach it from the scrubber.

Remove the rear wheels by turning the two grey knobs and also remove the two star-shaped fixing knobs on the squeegee.

Install the new rubber, tighten the rear wheels and put the squeegee back on the rack by reversing the steps mentioned above.



Troubleshooting

Problem	Symptom	Solution
No power	Battery cables/power cords are not connected	Connect the batteries
	No electricity	Charge/replace the batteries or charger
Motor Failure	Vacuum motor does not work	Check the related circuits, motor plugs & relays, or replace the vacuum motor
	Brush motor does not work	Check the related circuits, motor plugs & relays, or replace the brush motor
Little or no water out	The water valve is closed	Open water valve
	The filter is blocked	Clean the filter
	The water tank is empty	Put water in the tank
Bad suction	Suction hose or inlet blocked	Clean suction hose, clear the blockage/debris
	Rubber worn out	Replace the rubber strip
	Suction hose is not installed properly	Reinstall the suction hose
	Damaged or loose pipe	reinstall/replace the pipe or tighten it
	Suction pipe blocked	Check the pipe and clear the blockage
	The drain cover is loose	Tighten the drain cover
	The sewage tank cover is open	Make sure the sewage tank cover is closed and sealed
	Vacuum motor loose	Tighten the motor mounting screws (avoid over tightening them or the motor might be damaged)

Warranty Card

Property of:		Tel:	
Address:			
Date of purchase:		Delivery Date:	
Model#:			
Accessories to be replaced:			
Notes:			

