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› PIAOCAIYIN 40L/11Gal Carpet Cleaner Machine User Manual

## PIAOCAIYIN LC-40SC

# PIAOCAIYIN 40L/11Gal Carpet Cleaner Machine User Manual

Model: LC-40SC

## 1. INTRODUCTION

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Thank you for choosing the PIAOCAIYIN 40L/11Gal Carpet Cleaner Machine. This 3-in-1 multi-purpose wet dry vacuum cleaner and carpet extractor is designed for efficient and thorough cleaning of carpets, upholstery, and various surfaces. With its powerful suction and versatile attachments, it is suitable for both household and commercial applications. Please read this manual carefully before operation to ensure safe and optimal performance of your machine.

## 2. SAFETY INSTRUCTIONS

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Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- Ensure the power supply voltage matches the machine's requirement (110V).
- Do not operate the machine with a damaged cord or plug. If damaged, contact qualified service personnel.
- This appliance is rated IPX4 waterproof, meaning it is protected against splashing water from any direction. However, do not immerse the machine in water.
- Keep hands, feet, and loose clothing away from moving parts.
- Do not vacuum flammable or combustible liquids, or use in areas where they may be present.
- Always unplug the machine before performing any maintenance, cleaning, or when not in use.
- Use only manufacturer-recommended attachments and accessories.
- Do not block ventilation openings. Keep them free of dust, lint, hair, and anything that may reduce airflow.
- Exercise extra care when cleaning on stairs.
- Store the machine indoors in a dry place.

## 3. PACKAGE CONTENTS

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Carefully unpack your carpet cleaner machine and verify that all items listed below are included. If any parts are missing or damaged, please contact customer support.



Figure 1: Main unit of the PIAOCAIYIN 40L/11Gal Carpet Cleaner Machine with its primary components.

- 1x Commercial Carpet Cleaner Machine
- 1x Water Vacuuming Head
- 1x Dust Vacuuming Head
- 1x Long Flat Vacuuming Head
- 1x Round Brush
- 1x Small Sucker
- 1x Large Sucker
- 2x Soft Tubes
- 2x Steel Tubes
- 1x English Manual

## 4. SPECIFICATIONS

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Detailed technical specifications for the PIAOCAIYIN 40L/11Gal Carpet Cleaner Machine.

Feature	Specification
Model	LC-40SC
Material	Stainless Steel, Plastic, EVA, Cotton
Waterproof Level	IPX4
Cooling Mode	Circulating Air Cooling
Capacity	40L / 11gal (Total)
Power	1034W
Voltage	110V
Pump Power	34W
Pressure	87PSI
Air Flow	53L/s
Vacuum Suction	230mbar
Clean Water Tank Capacity	10L / 2.64gal
Power Cord Length	7m / 22.97ft
Suction Pipe Length	2.63m / 8.63ft
Steel Tube Length	1.2m / 3.94ft
Interface Diameter	4cm / 1.57inch
Barrel Diameter	32cm / 13.18inch
Large Sucker Length	1.48m / 4.86ft
Cleaner Machine Size	37 x 35 x 84cm / 14.57 x 13.78 x 33.07inch
Cleaner Machine Net Weight	16.65kg / 36.71lbs
Suckers Net Weight	8.6kg / 18.96lbs

## 5. ASSEMBLY AND SETUP

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Follow these steps to assemble and prepare your carpet cleaner for first use.

- Unpacking:** Remove all components from the packaging. Keep packaging materials for future storage or transport.
- Attach Wheels:** Ensure the 360° swivel wheels are securely attached to the base of the machine for easy mobility.
- Connect Hoses:** Attach the soft tubes and steel tubes to the main unit using the quick-connect ports. Ensure a tight connection to prevent leaks and maintain suction.
- Install Desired Sucker/Head:** Select the appropriate cleaning tool (e.g., Small Sucker, Large Sucker, Water Vacuuming Head, Dust Vacuuming Head, Round Brush, Long Flat Vacuuming Head) and securely attach it to the end of the steel tube.
- Fill Clean Water Tank:** Locate the 10L (2.64gal) clean water tank. Fill it with clean water and, if desired, a suitable

carpet cleaning solution according to the solution's instructions. Do not overfill.

6. **Secure Tanks:** Ensure both the clean water tank and the sewage tank are properly seated and secured within the machine.
7. **Power Connection:** Extend the 7m (22.97ft) power cord and plug it into a grounded 110V electrical outlet.



Figure 2: Key features for assembly and operation, including quick-connect ports and the main switch.

## Time-saving

- a. Two Large Capacity Independent Tanks
- b. Reduce Emptying Frequency



Figure 3: Illustration of the independent clean water and sewage tanks, designed for time-saving operation.

## 6. OPERATION

The PIAOCAIYIN Carpet Cleaner Machine offers a versatile 3-in-1 function for spraying, vacuuming, and extracting. Always test cleaning solutions on an inconspicuous area first.

### 6.1 General Operation

1. **Power On:** Locate the "Exquisite Switch" on the top of the machine. Turn the machine ON.
2. **Spraying:** If your attached tool supports spraying (e.g., Small Sucker), activate the spray function to apply cleaning solution to the target area. Allow the solution to penetrate for a few minutes as per solution instructions.
3. **Vacuuming/Extraction:** Move the cleaning head slowly over the treated area. The powerful 230mbar vacuum suction will extract the dirty water and debris into the sewage tank. For dry vacuuming, ensure the clean water tank is empty and no spray function is activated.
4. **Continuous Cleaning:** The two large-capacity independent tanks allow for extended cleaning sessions without frequent refilling or emptying.
5. **Power Off:** Once cleaning is complete, turn the machine OFF and unplug it from the power outlet.

# Professional Cleaning

4.86ft Large Sucker

8.63ft Soft Pipe

22.97ft Power Cord

Two-in-one Function  
Flexible and Convenient to Use

**Spray**

**Suction**

Provide you with more space to use.

Figure 4: Demonstrates the dual spray and suction functionality, highlighting key component lengths.

## 6.2 Using Different Cleaning Tools

# Six Professional Cleaning Tools

More Efficient Cleaning for Different Cleaning Scenarios



**Large Sucker**  
Suitable for large-scale carpet cleaning.



**Small Sucker**  
Suitable for sofa cleaning, with a spray function to deeply clean stains.



**Water Vacuuming Head**  
Suitable for cleaning liquid stains on smooth surfaces such as tiles and glass.



**Dust Vacuuming Head**  
Suitable for cleaning dust and small debris on woolen carpets, cloth carpets, and floor tiles.



**Round Brush**  
Suitable for cleaning adhesive dust, gaps, grooves, etc.



**Long Flat Vacuuming Head**  
Adept at cleaning corners and gaps.

Figure 5: Overview of the six included professional cleaning tools and their primary uses.

- **Small Sucker:** Ideal for sofa cleaning and deep stain removal on upholstery with its spray function.
- **Large Sucker:** Designed for large-scale carpet cleaning, covering wider areas efficiently.
- **Water Vacuuming Head:** Best for cleaning liquid stains on smooth surfaces such as tiles and glass.
- **Dust Vacuuming Head:** Suitable for cleaning dust and small debris from woolen carpets, cloth carpets, and floor tiles.
- **Round Brush:** Useful for cleaning adhesive dust, reaching into gaps, and grooves.
- **Long Flat Vacuuming Head:** Excellent for reaching and cleaning corners and tight gaps.



Figure 6: Highlights the durable materials and IPX4 protection for safe operation in wet environments.

## 7. MAINTENANCE AND CLEANING

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Regular maintenance ensures the longevity and optimal performance of your carpet cleaner.

1. **Empty and Clean Tanks:** After each use, empty both the clean water tank and the sewage tank. Rinse them thoroughly with clean water to prevent residue buildup and odors.
2. **Clean Filter:** The removable and washable filter dust chamber (made of knitted cotton) should be cleaned regularly. Remove the filter, rinse it under running water, and allow it to air dry completely before reinserting. This protects the motor and maintains suction efficiency.
3. **Wipe Down Exterior:** Wipe the stainless steel body and other exterior surfaces with a damp cloth. Do not use abrasive cleaners.
4. **Check Hoses and Attachments:** Inspect hoses and attachments for any blockages or damage. Clear any debris and ensure connections are secure.

5. **Cord Care:** Store the power cord neatly to prevent kinks or damage.
6. **Storage:** Store the machine in a cool, dry place, away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

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Refer to this section for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Machine does not turn on.	No power supply; Power switch off; Damaged power cord.	Check power outlet; Ensure switch is ON; Inspect power cord for damage and replace if necessary (contact service).
No suction or weak suction.	Sewage tank full; Filter clogged; Hose/attachment blockage; Loose connections.	Empty sewage tank; Clean or replace filter; Clear any blockages in hoses/attachments; Ensure all connections are tight.
No spray or weak spray.	Clean water tank empty; Pump not activated; Spray nozzle clogged.	Refill clean water tank; Ensure pump switch is ON; Clean spray nozzle.
Water leaking from machine.	Tanks not properly sealed; Hoses not securely connected; Damaged seal.	Ensure tanks are correctly seated and lids are tight; Check hose connections; Inspect seals for damage and replace if needed.
Unusual noise from motor.	Motor obstruction; Overheating; Component wear.	Turn off and unplug; Check for foreign objects; Allow machine to cool; If noise persists, contact service.

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer.

PIAOCAIYIN stands behind the quality of its products.

If you encounter any issues not covered in this manual or require further assistance, please contact PIAOCAIYIN customer support through the retailer's platform or the official brand website. Please have your model number (LC-40SC) and purchase details ready when contacting support.

## Wide Application



Offices



Hotels



Guesthouses



Housekeeping Companies

Figure 7: Illustrates the wide range of professional and commercial applications for the carpet cleaner.