

momcozy

User Manual



V3

Momcozy Breast Pump



Scan to watch the
tutorial video.

TABLE OF CONTENTS

1. Product Introduction	01
2. Warning Instruction and Precautions	01
3. Indications for Use / Intended Use	02
4. Contraindications	03
5. Safety Information	03
6. App Setup and Pairing	06
6.1 APP installation	06
6.2 Control the breast pump	08
7. Product Description	09
8. Operating Instructions	13
8.1 Power supply	13
8.2 Cleaning and disinfection	13
8.3 Direction for use	20
8.4 Storing breast milk	29
9. Storage Conditions	31
10. Specification	32
11. Trouble Shooting	34
12. Maintenance and Replacement Parts	36
13. Declaration of Conformity	36
14. Disposal	36
15. Warranty	37
16. EMC Information	38
17. Travel or International Use Statement	44
18. FCC Compliance Statement	44
19. Manufacturer Information	45

1. Product Introduction

The Momcozy Breast Pump is intended to be used by lactating women to express and collect milk from their breasts. The Momcozy Breast Pump creates a vacuum around the nipple to express breast milk. The milk is collected in a milk collector. The device includes stimulation mode, expression mode, and mixed mode. In stimulation mode, the breast pump begins with quick and short suction cycles to get your milk to start flowing. In expression mode, the breast pump begins with slow and long suction cycles for milk expression, sucking more deeply and more slowly. In mixed mode, the breast pump begins with quick and short suction cycles, followed by slow and long suction cycles. To prevent milk from flowing into the vacuum system, the milk collection sets include a silicone diaphragm that physically separates the milk-contacting pathway from the vacuum system. The device is intended for a single user.

2. Warning Instruction and Precautions

The warning signs and graphic symbols in the manual are intended to enable you to use the product safely and correctly and to prevent harm to you and others. Warning marks and graphic symbols are described as follows:

Warning/precaution symbols	
 Warning	A warning alerts the reader about a situation that, if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.
 Precautions	Indicating a hazard alert that warns the reader of a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. It may also be used to alert against unsafe practices. This includes the special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.
Contraindications	Contraindications are conditions under which the device should not be used because the risk of use clearly outweighs any possible benefit. There may be persons for whom the device should not be used because of their health status.
Notes	Indicates the need for attention, if not attention may lead to incorrect use of the product or property device damage.

Symbol Description

	Keep Dry		Unique Device identification
	Applied part of type BF		Refer to instruction manual.
	Recycling		Manufacture date
	CLASS II equipment		Serial Number
	Distribution packages shall not be exposed to sunlight		For food contact
IP22	The first number 2: Protected against solid foreign objects of 12.5mm diameter and greater. The second number 2: Protected against vertically falling water drops when enclosure tilted up to 15°.		
	Disposal in accordance with Directive 2012/19/EU (WEEE)		
	This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.		
	FCC		

3. Indications for Use / Intended Use

[Indications for Use / Intended use]

The Momcozy Breast Pump (model: BP431) is intended to express milk from lactating women in order to collect milk from their breasts. The device is intended for a single user.

[Intended users]

Can read and understand the user manual.

The PATIENT is an intended OPERATOR.

[Patient Population]

Lactating women.

[Intended use environment]

Home Healthcare Environment.

4. Contraindications

No known contraindications.

5. Safety Information

When using electrical products, especially when children are present, the following basic safety precautions should always be followed.

5.1 Warning

- Do not use this device if you are fitted with a cardiac pacemaker, implanted defibrillator, or any other implanted electronic or metallic implant. Electromagnetic interference may occur, which could lead to severe health risks or death.
- This breast pump is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge. Such persons can only use this breast pump only if they are supervised by or have received proper instructions regarding safe use from a person responsible for their safety.
- Danger: To reduce the risk of electrocution:
 - Always unplug the electrical devices immediately after charging.
 - Do not use it while bathing, showering, driving or swimming.
 - Do not reach for an electrical product that has fallen into water. Unplug the power adapter from the wall outlet immediately.
- The Momcozy Breast Pump is a personal care item and for hygienic reasons should never be shared between users or resold from one person to another. Either of these actions will void the warranty.
- If you are infected with Hepatitis B, Hepatitis C or Human Immunodeficiency Virus (HIV), pumping breast milk using the Momcozy Breast Pump will not reduce or eliminate the risk of transmitting the virus to your baby through your breast milk.
- Close supervision is necessary when the product is used near children or invalids. Do not allow children or pets to play with the motor unit, packaging materials or accessories.
- Use the product only for intended use as described in this manual.
- Do not use accessories or other milk collection components other than those recommended by manufacturer.

- Check the power adapter before charging,
- Never use the damaged power adapter.
- Never leave product unattended while charging. Do not use the product while charging.
- Keep the product and all accessories away from heated surfaces or fire.
- Never use it while sleeping or drowsy.
- Do not operate where aerosol spray products are being used or oxygen is being administered.
- Do not use the device around explosive or flammable material, in an MRI environment, in a hyperbaric chamber, or near a fireplace or radiant heater.
- Avoid strangulation from the charging cable.
- Users are not allowed to repair the product. If you do so, your warranty becomes invalid. For repairs, return to the manufacturer or a designated franchise distributor.
- Always switch off the breast pump before you remove the pump body from your breast, in order to release the vacuum.
- Powered breast pumps that are designed for single users should never be rented or shared.
- Never use the breast pump while you are pregnant, as pumping can induce labor.
- The maximum temperature of applied part can reach 40.1°C, excessive temperature may cause skin burns,
- Please make sure that your skin of breast must be intact and healthy before use. If you feel overheated, please turn off the device. In order to avoid high temperature burns, do not use continuously for more than 30 minutes per session. Allow at least 5 minutes between uses for cooling.
- For product service life (i.e. working life)
- The device has no shelf life. The total operating life of the product is 2 years. The expected service life of washable parts is 1 to 3 months. Please check whether the product can run normally before use. Use beyond the service life may lead to the degradation of product performance. For example, if the product cannot control the vacuum correctly, excessive vacuum may cause injury.
- Keep the product away from children or pets, and avoid swallowing of small parts.
- Before each use, visually inspect the individual components for cracks, chips, tears, discoloration, or deterioration. In the event that damage to the device is observed, please discontinue use until the parts have been replaced.

- Do not use cleaning or disinfection methods other than that provided by this IFU.
- The lay user or responsible party should contact the manufacturer or the manufacturer's representative:
 - for assistance in assembling, using or maintaining the device; or
 - to report unexpected operation or events.
- Lint and dust may contaminate the device; heat and direct sunlight will accelerate aging. Store the device in a clean place away from lint, dust, heat sources, and direct sunlight.
 - if there any contamination, please clean and disinfection according to section 8.2 in this user manual;
 - Before each use visually inspect the individual components for cracks, chips, tears, discoloration, or deterioration.
- Do not use this Pump if you have an active implanted device that would be affected by a magnetic field (e.g., pacemaker, implantable cardioverter-defibrillator).

5.2 Precautions

- Do not place or store the product where it can fall or be pulled into a bathtub, sink or pool.
- Do not place or drop the product into water or other liquids.
- Do not immerse the unit in any liquid for any reason or subject the unit to extreme shocks, such as dropping the pump.
- Do not continue pumping for more than 5 minutes at a time if you do not express any milk. Try to express at another time during the day. Contact your healthcare professional or breastfeeding specialist for help. Note this guidance if your baby is in the NICU.
- If discomfort is felt, then suction can be broken by inserting a finger between the breast and the flange.
- If the power adapter casing or wiring becomes loose, detached, or frayed, stop use of the power adapter immediately and contact the device manufacturer. Stop using the device immediately if you see smoke or smell burning from the pump unit or power adapter.
- Before each use visually inspect the individual components for cracks, chips, tears, discoloration, or deterioration. In the event that damage to the device is observed, please discontinue use until the parts have been replaced.
- Inspect the air tube. If you find condensation in the air tube, wash and dry it immediately or replace the air tube. If you see breast milk inside the air tube or air tube connector do not attempt to wash,

clean or sterilize the air tube or air tube connect. Instead contact the manufacturer.

- If an allergic reaction or skin irritation occurs, stop using the device and seek medical attention, and contact the manufacturer to report the event.
- Statement: If you feel excessive warmth from the breast pump while pumping, stop pumping immediately and remove pump.

6. App Setup and Pairing

Please follow the steps below to download the App and complete the pairing process, empowering your device with smart features and deeper insights.

6.1 APP installation

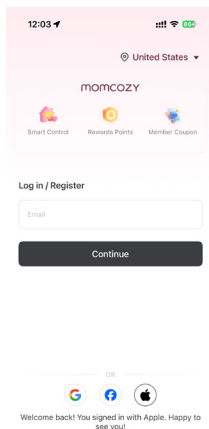
Step 1: Download the Momcozy App

Search for “Momcozy” in the app store (Google Play Store, Apple App Store), then download and install the Momcozy App on your mobile phone. You can also download the app by scanning the QR code.



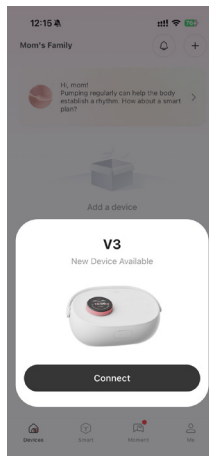
Step 2: Register and log in

Open the Momcozy App and create a new account to get started (you can also register via a third-party account). If you already have an account, log in with that account.

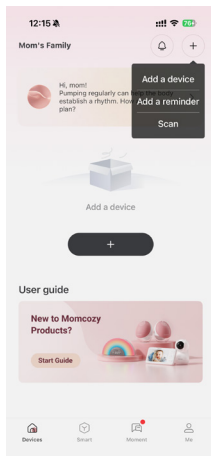


Step 3: Connect your device to Momcozy

1. Please power on your device according to the instructions and keep it near your phone.
2. Open Momcozy App on your phone. If the message "New Device Available" appears, click "Connect".



3. If no message appears, select "+" on the page and select your device from the list of nearby available devices. If your device does not appear in the list, you may add it manually by selecting the device category and model.

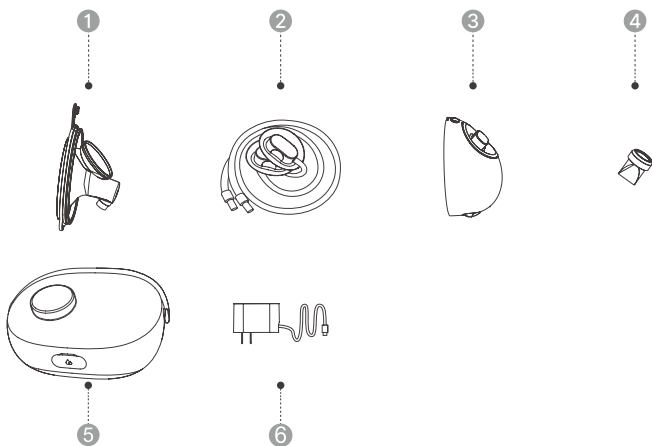


6.2 Control the breast pump

1. Select your breast pump from the list and enter the control page.
2. Choose from the available modes: Stimulation, Expression, Mixed, and Personalized.
3. If you have connected two pumps, you can individually control each pump by selecting the desired one at the top of the page.
4. Adjust the suction level as needed during use.
5. As the pump is connected via Bluetooth, ensure that the breast pump is within a reasonable distance from your phone. Your pump must be connected to the app to complete these steps.

7. Product Description

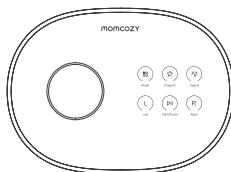
The product is mainly composed of pump motor and milk collection set etc.



Description of breast pump unit		
NO.	Item	Description
①	Double-sealed flange(24mm)	All of these components make up the milk collection set
②	Air tube	
③	Milk collector (230ml)	
④	Valve	
⑤	Main unit	Pump motor
⑥	Supply adapter and charging cable	I/P:100-240V-50/60Hz O/P:15 VDC, 2.0A

Other items in the package:

17mm flange insert	Valve	Quick start guide
19mm flange insert	Flange size ruler	
21mm flange insert	Flange cover	



Button		Operation	Function
	Power/ Control Knob	Press and hold for 3 seconds	Power on/off
		Rotate	Menu selection page switch options
			During pumping / Left suction control / Right suction control suction adjustment (0-15 levels)
		Short press	Select option
	Mode	Short press	Enter Mode Selection menu
	Program	Short press	Enter Expert Rhythm Selection menu
	Speed	Short press	Enter Speed Selection menu
	Start/Pause	Short press	Start/Pause
		Press and hold	End pumping
	Left	Short press	Enter left suction control
	Right	Short press	Enter right suction control

Combination Button Instructions

Combination Button	Operation	Function
Factory Reset	Press and hold L+R buttons for 5 seconds	Enter factory reset confirmation page. Follow the on-screen prompts to reset the breast pump to factory settings.

Getting to Know Your Breast Pump Functions

Mode

Mode Name	Operation
Stimulation	Fast, gentle suction to trigger let-down.
Expression	Slow, deep suction for efficient milk expression.
Mixed	Alternates 5 fast, gentle cycles with 1 slow, deeper cycle to support let-down and better emptying.

Program

Rhythm Name	Description
Cozy Flow(Default)	Moves from quick, gentle suction to slower, deeper suction to follow a baby's natural nursing rhythm.
Milk Boost	Smooth, gradual suction to support milk production during low-supply moments.
Power Pumping	Frequent, gentle stimulation to encourage multiple let-downs and support milk supply.
Milk Start	Initiate, build, and maintain a consistent milk supply.
Deep Emptying	Helps encourage more complete milk removal at the end of a session.

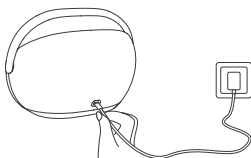
Speed

Speed	Description
Regular	Stronger yet safe for faster pumping.
Milk Boost	Suitable for most moms.
Slow	Efficient yet gentle.

8. Operating Instructions

8.1 Power supply

When using the breast pump, first plug one end of the charging cable into the port on the back of the pump, then plug the adapter into a suitable outlet.



Warning

- Do not use other adapters or charging cables. Using the wrong type of adapter or purchasing a poor-quality adapter may reduce the device's safety, and may cause property damage or health risks.
- The charging cable is intended solely for connecting the power adapter to the Momcozy Breast Pump unit for power supply during operation. Do not connect it to other equipment, as this may result in electric shock.
- If the power adapter casing becomes loose, separated, or frayed, stop the use of the power adapter immediately and contact the manufacturer of power adapter.
- If the power adapter is damaged, broken or cracked, stop the use of the power adapter immediately and contact the manufacturer to replace a new one (See the last page of this manual for contact information).
- Stop using the device immediately if you note any smoke or burning from the pump unit or power adapter.

8.2 Cleaning and disinfection

Providing breast milk is one of the best things you can do for your baby's health and development. Pumping your milk is one way to provide breast milk to your baby. Keeping the parts of your pump clean is critical because germs can grow quickly in breast milk or breast milk residue that remains on pump parts. Following these steps can help prevent contamination and protect your baby from infection. If your baby was born prematurely or has other health concerns, your baby's healthcare provider may have more recommendations for pumping breast milk safely.

1) Before every use

Inspect and assemble a clean pump kit. Clean pump motor with disinfectant wipes. If the air tube is moldy, discard and replace immediately.

2) After every use

Store milk safely: Use breast milk storage bags or clean, food-grade containers to store expressed breast milk. Make sure the containers are made of glass or plastic and have tight-fitting lids, and label them with the date and time, and immediately place them in a refrigerator, freezer, or cooler bag with ice packs.

Clean pumping area: Clean the surface of the pump motor with disinfectant wipes.

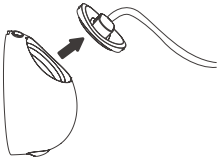
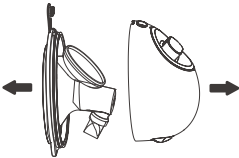
3) Parts that need to be cleaned and disinfected

Clean and disinfect all parts that come into contact with breast and breast milk before you use the breast pump for the first time and after every use. It's necessary to clean and disinfect the pump separately, so as to keep moms and babies safe and maintain the breast pump's performance.

- Parts contacting with the breast milk and breast skin: parts of milk collection set, including flange, valve, and milk collector.
- Do not clean and disinfect the air tube.

4) Before cleaning / disinfection:

- Wash your hands thoroughly with soap and water for 20 seconds.
- Disassemble all parts as follows:

	
1). Separate the air tube from the milk collector.	2). Detach the flange from the milk collector.

	
3). Separate the valve from the milk collector.	

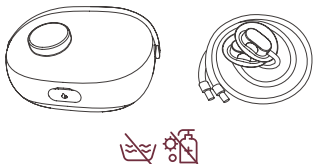
Caution

Never put the pump motor, charging cable or the adapter in water or a dishwasher, as this will cause permanent damage to these parts.

8.2.1 Cleaning and disinfecting parts contacting breast milk

Step 1: Cleaning

Clean this device manually only. The safety of using a dishwasher to clean and disinfect this product has not been verified.

Non-washable parts	Washable parts
	

Caution

- Do not use antibacterial or abrasive cleaning agents to clean the breast pump parts as this may cause damage.
- Ensure these components (milk collectors, flanges, air tube and valves that contact the breast or breast milk) are hand-washed in a clean basin with soap.
- Air tube should not be cleaned unless condensation is present. If condensation is in the air tube, it should be washed and dried immediately or replaced. If breast milk is found inside the air tube or air tube connector, do not wash, clean, or sterilize it. Contact the

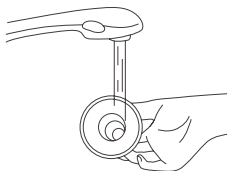
manufacturer for a replacement. Appropriate cleaning instructions may be found on the FDA website (<https://www.fda.gov/medical-devices/breast-pumps/cleaning-breast-pump>).

- The pump body (main unit), which houses the motor and batteries, must be wiped with a clean paper towel or soft cloth after each use. The pump body must never be submerged or exposed to water or other liquids for cleaning. It also must never be cleaned in a microwave sterilizer.

1) Prepare the below items:

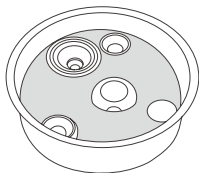
- Soap and hot water
- Drinkable-quality water
- Clean wash basin used only for infant feeding items
- Clean brush used only for infant feeding items
- Unused dish towel or paper towel

2) Rinse: Rinse milk collection set parts and any other feeding items under running water to remove residual milk or debris. Water can be warm or cold, which according to your preference.

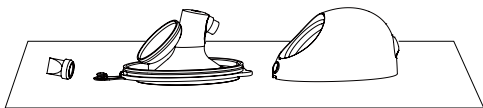


3) Wash milk collection parts:

- Place parts of the milk collection set in a clean wash basin which used only for infant feeding items. Do not wash directly in the sink as it may contain germs that could contaminate these items.
- Soak milk collection set parts in warm water at 40–60 °C (104–140 °F) for 3–5 minutes.
- Using a clean brush only for infant feeding items to scrub items.



- 4) Rinse again: Rinse items under running water, or by submerging them in fresh water in a separate basin that is used only for cleaning infant feeding items. If debris remains, repeat Step 3 and re-rinse until no visible dirt is present.
- 5) Air-dry thoroughly: Place milk collection set parts, wash basin, and bottle brush on a clean, unused dish towel or paper towel in an area protected from dirt and dust. Do not use a dish towel to rub or pat items because that may transfer germs to the items.



- 6) Clean wash basin and bottle brush: Rinse the wash basin and brush well and allow them to air-dry after each use. Wash them every few days by hand with soap and warm water. If your baby is under 3 months old, premature, or has a weakened immune system due to illness (such as HIV) or medical treatment (such as chemotherapy for cancer), wash basin and bottle brush after every use.

After Cleaning:

For additional germ reduction, disinfect the milk collection set, wash basin, and bottle brush at least once daily after cleaning. Items can be disinfected using boiling water with a disinfection setting. Disinfection is especially important if your baby is under 3 months old, premature or has a weak immune system due to illness or medical treatment. For disinfection of milk contact parts, refer to step 2.

Step 2: Disinfection

Caution

- Do not sterilize pump parts in a microwave or UV sterilizer. High temperature ($>110^{\circ}\text{C}$) will shorten their service life and cause safety hazards.

- Do not boil the flange cover, as this may cause warping.

Before disinfection, make sure you have a cleaned milk collection set, bottle brushes, and wash basins using the methods above. Disinfect all milk-contact items (including the bottle brush and wash basin) using one of the following methods.

1) Prepare the below items:

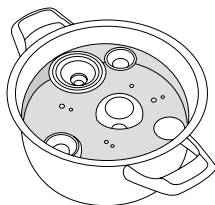
- A household pot
- Drinkable-quality water
- Clean tongs

 Caution:

Never put the pump motor, charging cable or the adapter in water or a dishwasher, as this will cause permanent damage.

- During boiling disinfection, prevent bottles or parts from touching the pot walls, as this may cause irreversible deformation or damage.
- Assemble all parts only when completely dry to prevent choking hazards for children or pets.

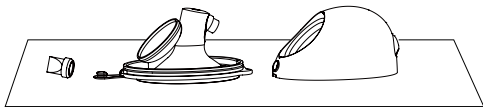
2) Place the disassembled milk collection set in the pot and add enough water to fully cover the components. Bring the water to a boil and boil for 5–10 minutes, ensuring parts do not touch the pot walls.



3) Allow water to cool and gently remove parts from water with tongs.



4) Air-dry thoroughly.



Step 3: Store safely

Store dry items safely until needed. Ensure the clean pump parts, bottle brushes, and wash basins are air-dried thoroughly before storage. Items must be completely dry to prevent germs and mold growth. Store dry items in a clean, protected area to avoid contamination. Do NOT store wet or damp parts.

1. Wash hands: Wash hands well with soap and water.
2. Reassemble: Assemble clean, dry pump parts.
3. Store safely: Place reassembled pump parts and other feeding items, wash basin, and dry bottle brush in a clean, protected area such as inside a closed kitchen cabinet that is used only to store clean dishes.

8.2.2 Clean/Disinfect the other parts

The pump motor housing must be cleaned and disinfected before first use and after each use. Other parts do not contact the body or breast milk during pumping and only need cleaning when dirty.

Cleaning/disinfection must be performed at room temperature (5 °C – 40 °C) as follows:

Prepare the below items:

- Disinfectant
- 70% isopropyl alcohol wipes
- Clean soft cloth

Cleaning method:

1. Wash and sanitize your hands before starting this cleaning procedure.
2. Remove all residues from the pump motor and/or charging cable using a clean soft cloth.
3. Wipe the parts thoroughly with a 70% isopropyl alcohol wipe until no visible contaminants remain.
4. Air-dry the device at room temperature for 10 minutes to evaporate any residual cleaning solution.

Disinfection method:

Clean the pump motor housing using the method above before disinfection.

1. Disinfect the shell of the pump motor with a soft cloth dampened with the 70% isopropanol for 3 minutes.
2. Air-dry at room temperature for 10 minutes to evaporate residual disinfectant..

8.3 Direction for use

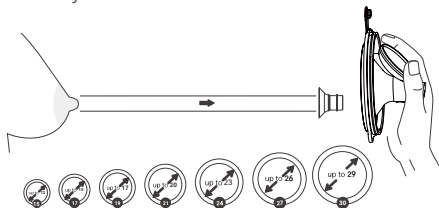
8.3.1 Preparation before use

Caution

1. Wash hands with soap and water. Inspect and assemble a clean pump kit.
2. Duration of pumping session:
The pump will automatically pause after 30 minutes of operation per session. A typical pumping session lasts about 10–15 minutes per breast, but you should only pump as long as it remains comfortable and milk is still flowing.
3. Inspect and assemble a clean pump kit. If air tube is moldy, discard and replace it immediately.

1. Select flange size

The Momcozy Breast Pump is provided with one 24mm flange and 17/19/21mm flange inserts. If the included flange and insert do not fit properly, you may purchase additional sizes on Amazon or the Momcozy official website. Search for “Momcozy” to find the flange and insert size that fits you.



select right size

Nipple Measurement (mm)	11-13	13-15	15-17	17-20	20-23	23-26	26-29
Flange Size (mm)	15	17	19	21	24	27	30

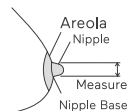
Flange Size Chart

2. Stimulate the nipple

- Stimulate your nipple to reach a full size (do not skip this step!).
- Insert your nipple into the smallest hole you can fit comfortably without forcing.
- Choose the size that fits comfortably at the base of your nipple.
- Determine your size using the chart above.

3. Test the flange fit

- To find your correct size, position the flange (or flange with insert) properly on your breast.
- Press the flange (or flange with insert) firmly against your breast until no gap remains. Ensure your nipple is centered in the flange tunnel.



Too Small

If your nipple rubs against the inner wall of the flange during pumping, the flange is too small.

Good Fit

If your nipple moves smoothly without rubbing or touching the inner wall, and little to no areola is pulled in, the flange fits correctly.

Too Large

If a large area of areola is pulled inside the flange during pumping, the flange is too large.

4. Get the right bra



- ❶ Made of stretchy fabric
- ❷ No underwire or padding
- ❸ Has a flap
- ❹ Full coverage

NO GAP When you put the pump inside your bra, the silicone flange must press firmly against your skin with no gaps.	IF IT MOVES If the pump shifts during use, tighten your bra strap to reposition it, or use a different bra.

5. Recommend posture

Caution

Always sit or stand upright while pumping to prevent milk leakage. Do not use this pump while lying down or sleeping, to maintain proper orientation.

Posture

Make sure the pump and the milk collector always stay at a vertical angle. Otherwise, the milk will spill out.



8.3.2 Assembling the Pump

Caution

Make sure you have cleaned and disinfected the parts of the breast pump that come into contact with milk or breast.

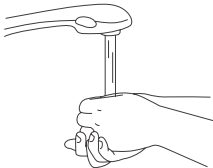
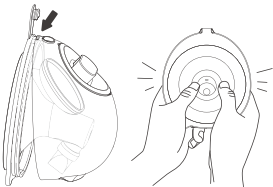
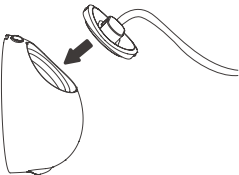
Warning

- Parts disinfected by boiling will be extremely hot. To prevent burns, allow parts to cool completely before assembly.
- Wash your hands thoroughly with soap and water before you touch breast pump parts and breasts to avoid contamination. Avoid touching the inside of milk collection set.

Notes:

- Correct placement of the silicone flange, milk collector, valve, air tube, etc. is essential for the breast pump to create proper vacuum.
- Before each use, visually inspect all components for cracks, chips, tears, discoloration, or deterioration. If damage is observed, discontinue use until parts are replaced.

Wash your hands thoroughly with soap and water, then assemble the pump as follows:

	
1. Wash your hands thoroughly with soap and water.	2. Gently push the valve into the milk collector. Make sure there are no gaps.
	
3. First align the milk collector with top of the flange, then press around the edge to ensure a tight connection.	4. Attach the air tube to the milk collector.

The breast pump is now ready for use.

8.3.3 Pumping instructions



Warning

- Before you remove the milk collector from your breast, always switch off the breast pump to release the vacuum.
- Do not pump continuously for more than 5 minutes if no milk is expressed. Try again later in the day.
- If the process becomes very uncomfortable or painful, stop using the pump and consult your healthcare professional.



Caution

- Monitor the milk level during pumping to prevent overfilling.
- It's recommended to pump in a quiet, warm environment.

1. Double Pumping

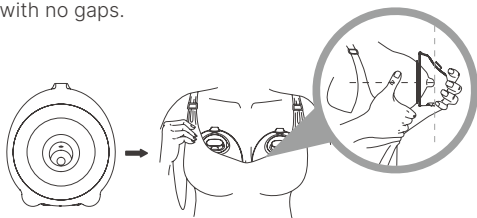
- Assemble two milk collectors.
- Assemble the pump for double pumping.
- Put the pump in your bra.

2. Single Pumping

- Assemble one milk collector.
- Place the pump into your bra.
- After turning on the device, set the suction level of the unused side to Level 0.

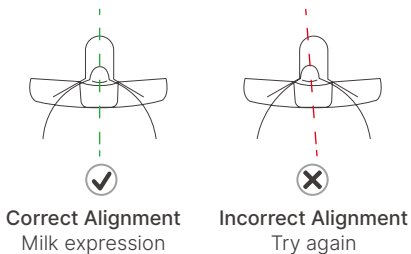
3. Alignment

- Before pumping, ensure the pump is pressed firmly against your breast with no gaps.



- To align, hold the flange against your breast and verify that your nipple is centered in the flange tunnel. You may need to bend forward.
- After you've aligned, look through the flange to confirm your nipple is centered before pumping. The tip of your nipple should NOT touch the top, sides or bottom of the flange tunnel. If it does, try again.

First Perspective



Note:

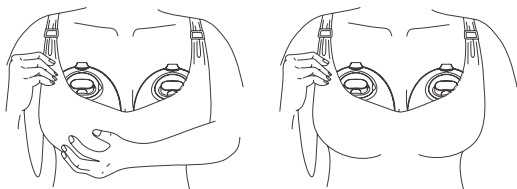
Proper nipple alignment is essential for comfortable pumping and optimal performance.

The nipple must be correctly positioned in the flange tunnel before pumping to avoid discomfort.

See Section 8.3.1 Preparation before use -Select flange size.

4. Secure Pump in Bra

Secure the pump in place using your bra, ensuring it remains firmly pressed against your breast. If needed, tighten your bra to hold the pump securely, then start the pump.



5. Pumping

Part 1: First-Time Use (Only 3 Steps)

1. **Power on:** Press and hold the knob for 3 seconds until the screen lights up and displays the startup animation.

Note: When powering on for the first time, an on-screen guide will appear. Rotate or short-press the power/control knob as instructed to skip or view the tutorial.

2. **Wear the hands-free milk collector:** Connect and attach the milk collector according to the accessory assembly diagram.

3. **Start pumping:**

- **No adjustments needed** – simply short-press **Start/Pause** .
- The device will automatically run the default "Cozy Flow" mode.

Part 2: Adjust While Pumping (Find Your Comfort Level)

During pumping, you can adjust the suction level at any time with one hand, without pausing.

Purpose	Instructions	Screen Feedback
Increase/decrease suction	Rotate the power/control knob  directly. left to decrease, right to increase.	The suction level displayed on the screen will change (0-15 levels). It is recommended to change no more than 3 times at a time.
Adjust left/right side only	Press  or  , then rotate the power/control knob. Left to decrease, right to increase	The screen will display the number for L or R individually.
Change Expression Mode	Short-press  to enter the menu. Rotate the power/control knob  to select. Press the power/control knob  to confirm.	Three options available: Stimulation, Expression, and Mixed.
Change pumping program	Short-press  . Rotate the power/control knob  to select. Press the power/control knob  to confirm.	Try different "Program" options.

Memory Function:

The device will remember your last suction strength setting and default to this level at next power on.

How to Use Single-Side Pumping

While the Pump Motor is running, adjust the suction level of the unused side to 0.

Part 3: Ending and Pausing (Important Notes)

- **Pause:**
 - Short-press **Start/Pause**.
 - Only the **Start/Pause button will be active** to prevent accidental operation. Press again to resume.
- **End pumping:**
 - **Press and hold Start/Pause for 3 seconds.**
 - The screen will display the end screen, and the pump will gradually stop, **gently protecting your nipples.**
 - After pumping, it is recommended to log your milk output in the Momcozy app to track your nursing data anytime.
- **Power off directly:**
 - **Press and hold the power/control knob for 3 seconds.**



Caution

- Do not use the pump while lying down, during strenuous activity, or during any potentially hazardous activity.
- Pumping should not be painful. Do not use an uncomfortably high vacuum level. If you feel severe discomfort or pain, stop pumping, break the seal around your nipple, and end the session.

6. Remove the pump

Use your finger to break the seal between the flange and the breast tissue.

Lean slightly forward and remove the pump from your breast. Keep the flange opening upward to prevent milk from spilling.



It is recommended to stop pumping when the milk volume in the collector approaches 230 ml to avoid overflow.



Warning

- The provided milk collectors are only for milk collection during pumping. To feed or store milk for your baby, use a milk collector with a lid.
- Refrigerate or freeze expressed milk immediately or keep it at a 16°C~25°C for a maximum of 2-4 hours before you feed your baby.

8.4 Storing breast milk

8.4.1 Proper storage of breast milk

Following the recommended storage and preparation techniques can maintain the safety and quality of expressed breast milk for the baby's health.

These are general guidelines for storing human milk at different temperatures. Many factors affect how long human milk can be stored safely, including milk volume, room temperature at expression, temperature stability in the refrigerator and freezer, and environmental cleanliness.

Storing breast milk after expressing:

- Refrigerate or chill milk immediately after pumping, if possible. Store it in the refrigerator, an insulated cooler pack, or freeze it in small (2–4 ounce) batches for later use.
- Use breast milk storage bags or clean, food-grade containers to store expressed breast milk. Make sure the containers are made of glass or plastic and have tight-fitting lids.
- Avoid bottles with recycling symbol #7, as these may contain BPA.
- Remove air before sealing.
- Lay bags flat to freeze. Separate bags with paper towels to prevent them from sticking together.
- Never store breast milk in disposable bottle liners or plastic bags that are not intended for storing breast milk.
- Gently swirl the container to mix the cream layer that rises to the top back into the milk. Do NOT shake the milk, as this may break down valuable milk components.
- Storage location and temperature guidelines from the CDC are shown in the table below.

Type of Breast Milk	Storage Location and Temperatures		
	Countertop 77°F (25°C) or colder (room temperature)	Refrigerator 40°F (4°C)	Freezer 0°F (-18°C) or colder
Freshly Expressed or Pumped	Up to 4 Hours	Up to 4 Days	Within 6 months is best. Up to 12 months is acceptable.
Thawed, Previously Frozen	1–2 Hours	Up to 1 Day (24 hours)	NEVER refreeze after thawing.
Leftover from a Feeding (baby did not finish the bottle)	Use within 2 hours after feeding.		

These guidelines are for healthy full-term babies only and may vary for premature or sick babies. Consult your healthcare provider for guidance.

Storage tips:

- Clearly label containers with the date of expression and your child's name (if using childcare). Discuss additional labeling and storage requirements with your childcare provider.
- Do not store breast milk near the door of the refrigerator or freezer. This protects milk from temperature fluctuations caused by frequent door opening/closing.
- If you do not plan to use freshly expressed milk within 4 days, freeze it immediately to preserve quality.
- When freezing breast milk:
- Store small portions (2–4 ounces, or one typical feeding volume) to avoid waste.
- Leave about 1 inch of space at the top of containers, since breast milk expands when frozen.
- Breast milk can be stored in an insulated cooler with frozen ice packs for up to 24 hours when traveling. Upon arrival, use immediately, refrigerate, or freeze.

8.4.2 Safe thawing of breast milk

- Always thaw the oldest breast milk first. Remember first in, first out. Breast milk quality declines over time.
- There are several ways to thaw your breast milk:
- In the refrigerator overnight.
- Place in a container of warm or lukewarm water.
- Under lukewarm running water
- Never thaw or heat breast milk in a microwave. Microwaving can destroy nutrients in breast milk and create hot spots, which can scald a baby's mouth.
- If you thaw breast milk in the refrigerator, use it within 24 hours. The 24-hour period starts when the milk is completely thawed, not when you removed it from the freezer.
- Once breast milk has reached room temperature or been warmed, use it within 2 hours.
- Never refreeze breast milk after it has been thawed.

For the most current breast milk storage and handling guidelines, please visit the CDC website: https://www.cdc.gov/breastfeeding/recommendations/handling_breastmilk.htm

9. Storage Conditions

How to store the pump

- Short-term storage
Please keep the breast pump out of direct sunlight. Store the breast pump and its accessories in a safe, clean, and dry place, and away from children.
- Long-term storage
 1. Keep it in a place away from direct sunlight in avoidance of discoloration.
 2. Clean and dry the washable parts before storing them.
- Temperature: -20 to 60 °C / -4 to 140 °F
- Relative Humidity: 15% - 90%
- Ambient Pressure: 70 to 106 kPa
- It generally takes 30 minutes to warm the pump from the minimum storage temperature and/or cool it from the maximum storage temperature before use.

10. Specification

Pump Motor	
Model No.	BP431
Name	Momcozy Breast Pump
Power Adapter	Input: 100~240Vac, 50/60Hz; Output: DC 15V, 2.0A
Rated power	30W
Pump options	Single pumping/double pumping
Suction modes	Stimulation mode, expression mode, and mixed mode
Vacuum level	15 levels
Vacuum range	Stimulation mode: -45 to -173(± 30)mmHg Expression mode: -91 to -270(± 20)mmHg Mixed mode: -45 to -270(± 30)mmHg
Cycle speed	Stimulation mode: 90~100(± 3)cycle/min Expression mode: 40~80(± 3)cycle/min Mixed mode: 75~102 (± 3)cycle/min
Dimensions	232.4mm*155.6mm*135.5mm (pump motor) 123mm * 111mm * 72mm (milk collector)
Weight	1500g (pump motor weight) 103g (single milk collector weight)
Product use life	2 years
Noise level	≤ 60 dBA

Type of protection against electric shock	CLASS II equipment
Degree of protection against electric shock	Type BF applied part
Operating conditions	Temperature: 0°C to 40°C; Humidity: 15% to 90%, Atmospheric pressure: 70 kPa to 106 kPa
Transportation & storage environment	Temperature: -20 °C to 60 °C; Humidity: 15% to 90%, Atmospheric pressure: 70 kPa to 106 kPa
Milk collector capacity	230ml
Bluetooth	
Bluetooth Compliance	Version 5.4 low energy
Requirement of Compatible devices	Smart phones or tablet: A. With Bluetooth 4.0 or above; Running Android 8.0 and iOS 13.0 or above system
Signal transmission	2.4G Bluetooth
Frequency	2.402-2.480 GHz
Modulations	GFSK

11. Trouble Shooting

Problems	Causes & solutions
Pump does not work	• If milk let-down has not occurred, leave the pump on the breast for a longer period to allow for possible delayed let-down. • Note: Initial let-down time is individual and varies by person and situation. • Check nipple alignment, pause the pump, and remove it from breast. Realign the pump properly. • You may be using the incorrect flange size.
Milk does not flow	• Pause the pump and remove it from breast. Realign correctly. • You may also detach the pump from the flange to realign . Then, center your nipple in the flange tunnel and reattach the pump to your breast.
Need to realign	• Pause the pump and remove it from breast. Realign correctly. • You may also detach the pump from the flange to realign. Then, center your nipple in the flange tunnel and reattach the pump to your breast.
Feel discomfort while pumping	• If you're experiencing excessive discomfort, please try the following: • Make sure the pump is pressed firmly against your breast during Stimulation mode. • Tighten your bra to hold the pump securely against the breast. • Decrease suction level. • Realign the pump. • You may be pumping for too long. This pump shuts off automatically after running for 30 minutes. • You may be using the incorrect flange size. If discomfort continues, stop use and consult a medical professional or lactation specialist.

Decreased (low) pump suction	• The pump has 15 suction levels. Press the increase button to raise the suction level. • Check the condition of washable parts. They should be replaced after three months of use. • If the issue continues:, try the following: 1. Check connections between all washable parts to ensure they are secure. 2. Visually inspect all washable parts and replace if damaged. 3. Ensure the power is turned on. 4. Press the pump securely against the breast.
Stop pumping	• This pump shuts off automatically after running for 30 minutes. • Short press the Pause/Continue button to pause pumping; press again to resume.
Pump does not stop pumping	• Press the Pause/Continue button. • If the issue persists, break the seal by inserting a finger between the breast tissue and the flange. Then press the On/Off button to turn the pump off.
Pump or Charger gets wet (immersed in water).	• Dry the pump immediately. Place the pump upright with the charging port facing down and suction controls up. Allow to air-dry overnight. Do not use the pump or charger for at least 24 hours. • Contact Customer Care.

Remark: If the above solutions do not resolve the problem, please contact the manufacturer. See the last page of this manual for contact information.

12. Maintenance and Replacement Parts

The device contains no user serviceable parts inside: Opening or tampering with this device will void the warranty. In the event the device requires repair, it should be returned to the medical equipment company or to retailer directly. Modification of any kind is prohibited. The MANUFACTURER will make available on request circuit diagrams, component part lists, descriptions, calibration instructions, or other information that will assist SERVICE PERSONNEL to repair those parts of the device that are designated by the MANUFACTURER as repairable by the SERVICE PERSONNEL. When the product is not used for a long time, the battery will discharge slowly.



Warning

Do not clean or maintain the device while the device is in use.

13. Declaration of Conformity

Shenzhen Root Innovation Technology Co., Ltd. declares that the device conforms to the following standards IEC60601-1, IEC60601-1-2, IEC60601-1-11, IEC62304, ISO10993-5, ISO10993-10, ISO10993-23, ISO10993-1, ISO 14971.

14. Disposal



At the end of the product life cycle, do not throw this product into the normal household garbage, but bring it to a collection point for the recycling of electronic equipment and battery. Waste Electrical and Electronic Equipment may have potentially harmful effects on the environment. Improper disposal may lead to the accumulation of harmful toxins in the air, water, and soil, which is harmful to human health. you have obligation to dispose of the device correctly. Consult your municipal authority for information about disposal.

15. Warranty

Please contact the manufacturer in case of a claim under the warranty, the contact information please refer to last page of this user manual. If you have to send the unit, enclose a copy of your receipt with clear statement of defect description.

The warranty terms are as below:

- 1) In case of a warranty claim, the date of purchase has to be proven by means of the sales receipt or invoice.
- 2) Repairs under warranty do not extend the warranty period either for the device or for the replacement parts.
- 3) The following cases are excluded under the warranty
 - All damages which are arisen due to improper treatment, e.g. nonobservance of the user instruction.
 - All damages which are arisen due to repairs or tampering by the customer or unauthorized third parties.
 - Damages which are arisen during transport from the manufacturer to the consumer or during transport to the service center.
 - Accessories which are subject to normal wear and tear.
 - Device damage due to privately disassemble devices.
 - Liability for direct or indirect consequential losses caused by the unit is excluded even if the damage to the unit is accepted as a warranty claim.

16. EMC Information

The equipment with following ESSENTIAL PERFORMANCE is intended used in Home healthcare environment facility environment.

Essential Performance:

Device-Specific Function	Device-Specific Pass/Fail Criteria	Detection/ Testing Method
Vacuum strength	Stimulation mode: -45 to -173(± 30)mmHg Expression mode: -91 to -270(± 20)mmHg Mixed mode: -45 to -270(± 30)mmHg	Vacuum manometer Observation
Cycle speed	Stimulation mode: 90~100(± 3)cycle/min Expression mode: 40~80(± 3)cycle/min Mixed mode: 75~102 (± 3) cycle/min	Observation
Maximum vacuum	-300mmHg	Vacuum manometer Observation
Software for suction pressure regulation	-300mmHg	Vacuum manometer Observation
Back flow prevention mechanism	No leakage at maximum vacuum	Observation

If Essential Performance is lost or degraded due to electromagnetic disturbances, this may result in loss of product function or injury to patients, please read below important information before to avoid possible electromagnetic disturbances.



Warning

- Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this product may cause malfunction.
- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Momcozy Breast Pump, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
- Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation



Caution

- 1) Security, antitheft, and radiofrequency identification (RFID) devices. Some electromagnetic anti-theft systems and metal detectors such as those used at entrances or exits of department stores, libraries, and other public places, and airport security screening devices may affect the Momcozy Breast Pump. Please do not use Momcozy Breast Pump near these places. Additionally, RFID devices, which are often used to read identification badges, as well as some tag deactivation devices, such as those used at payment counters at stores and loan desks at libraries, may also affect the Momcozy Breast Pump. Please do not use Momcozy Breast Pump near these places. If you have to go through one of these devices, turn off your Momcozy Breast Pump. Before each usage, checking the status of your Momcozy Breast Pump to ensure it can operate normally.
- 2) Using short-wave diathermy, microwave diathermy, or therapeutic ultrasound diathermy (all now referred to as diathermy) and electrocautery devices near this product may cause malfunction or lead to loss of performance, please do not use Momcozy Breast Pump near this equipment.

A list of power adapter and maximum length of cables is as follows:

Name	Cable length	Whether shielding
Power adapter	1000±10mm	No

Guidance and manufacturer's declaration - electromagnetic emissions

The Breast Pump is intended for use in the electromagnetic environment specified below. The customer or the user of the Breast Pump should assure that they are used in such an environment.

Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The Breast Pump use RF energy only for its internal functions. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR11	Class B	The Breast Pump is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations / flicker emissions IEC 61000-3-3	Not applicable	

Guidance & Declaration — electromagnetic immunity

The Breast Pump is intended for use in the electromagnetic environment specified below. The customer or the user of the Breast Pump should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	Not applicable	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	Not applicable	Not applicable	
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Not applicable	Not applicable	Mains power quality should be that of a typical commercial or hospital environment. If the user of the Breast Pump requires continued operation during power mains interruptions, it is recommended that the Breast Pump be powered from an uninterruptible power supply or a battery.

Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields/ Proximity magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Proximity magnetic fields IEC 61000-4-39	CW 8A/m for 30kHz Pluse modulation 2.1kHz,65A/m for 134.2MHz Pluse modulation 50kHz,7.5A/m for 13.56MHz	CW 8A/m for 30kHz Pluse modulation 2.1kHz,65A/ m for 134.2MHz Pluse modulation 50kHz,7.5A/ m for 13.56MHz	
NOTE: UT is the a.c. mains voltage prior to application of the test level.			

Guidance & Declaration - Electromagnetic immunity

The Breast Pump is intended for use in the electromagnetic environment specified below. The customer or the user of the Breast Pump should assure that they are used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF IEC 61000-4-6	Not applicable	Not applicable	Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Breast Pump, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
Radiated RF IEC 61000-4-3	10V/m 80 MHz to 2.7 GHz 385MHz-5785MHz Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communication equipment (Refer to table 9 of IEC 60601-1-2:2014+A1:2020)	10V/m 80 MHz to 2.7 GHz 385MHz-5785MHz Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communication equipment (Refer to table 9 of IEC 60601-1-2:2014+A1:2020)	

17. Travel or International Use Statement

Since the performance of the Momcozy Breast Pump may be affected by the external environment, in view of the uncertainty and instability of the travel environment, please do not use the device during travel or on the aircraft.

The Momcozy Breast Pump can be internationally used, but it must be used and stored in the environment specified in this user manual, and please make sure the input power of your power adapter is AC 100-240V 50/60 Hz and output power is DC 15V 2A, and please make sure you have a converter to convert to the proper voltage of the target country. To ensure that the Momcozy Breast Pump is not affected during carrying, please check the following items before use to ensure it can operate normally:

- Check the Momcozy Breast Pump to ensure that it is free from damage and cracks.
- Before each usage, check the status of your Momcozy Breast Pump to ensure it can operate normally.

If there is any abnormality, please stop using it

18. FCC Compliance Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

IMPORTANT NOTE:

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.

19. Manufacturer Information



Manufactured for Shenzhen Root Innovation Technology Co., Ltd.

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Subdistrict, Nanshan District, Shenzhen, Guangdong,
518071, China

E-mail: support@momcozy.com

If assistance in setting up, using, or maintaining the device when needed or to report unexpected operation or events, please contact us.

momcozy

Evolving for Mom and Cozy

Model No.: BP431