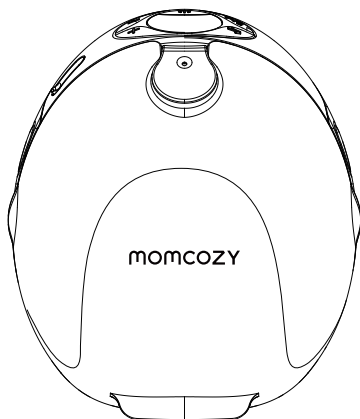


momcozy

Wearable Breast Pump

W1

User Manual



Read this user manual carefully before using this device and keep this manual for future reference.

→ ENGLISH

TABLE OF CONTENTS

1. Product Introduction	02
2. Warning Instructions and Precautions	02
3. Indications for Use/Intended Use	04
4. Contraindications	05
5. Safety Information	05
6. Product Description	08
7. Operating Instructions	11
8. Transfer	31
9. Storage Conditions	31
10. Specification	32
11. Maintenance and Replacement Parts	33
12. Declaration of Conformity	34
13. Troubleshooting	34
14. Disposal	35
15. Warranty	36
16. EMC Information	36
17. Travel or International Use Statement	41
18. Manufacturer Information	41
19. FCC Warning	41

1. Product Introduction

The Momcozy Wearable Breast Pump is intended to be used by lactating women to express and collect milk from their breasts. The Momcozy Wearable Breast Pump forms 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, milk boost mode. In stimulation mode, the breast pump begins with a quick and short sucking pattern to get your milk to start flowing. In expression mode, the breast pump begins with a slow sucking pattern for milk expression, sucking more deeply and more slowly. In mixed mode, the breast pump begins with a quick and short sucking pattern and then with a slow and long sucking pattern. Milk Boost Mode alternates between 2 minutes of Stimulation Mode and 8 minutes of Expression Mode. This cycle repeats three times and ends with Expression Mode. 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.

In addition, the device is equipped with a flange with built-in warming and Massage massage functions. The warming function provides gentle heat over the breast and areola area with three selectable temperature levels ranging from 37°C to 41°C, helping improve user comfort and supporting milk flow. The Massage massage function incorporates five built-in Massage motors with three adjustable intensity levels. The combined warming and Massage stimulation helps promote letdown by supporting breast and areolar comfort, ductal dilation, and the milk ejection reflex. If you experience any discomfort or have underlying health concerns, please follow your healthcare provider's guidance when using this device.

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		Pile Limit 5 layers
	Applied part of type BF		Refer to instruction manual.

	Direct current		Manufacture date
	Manufacturer information: The manufacturer name and address		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 Wearable Breast Pump (model: BP420) 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 if children are present, the following basic safety information should always be maintained.

5.1 Warning

- 1) Do not use this device if you have a cardiac pacemaker, implanted defibrillator, or other implanted electronic device. Such use could cause electrical interference, serious injury, or death. If you have any implanted device made of pure metal or pure plastic, consult your physician before using this device.
- 2) 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 if they are supervised by or have received proper instruction concerning use of the appliance by a person responsible for their safety.
- 3) Danger: To reduce the risk of electrocution:
 - Always unplug electrical devices immediately after charging.
 - Do not use while bathing, showering, driving or swimming.
 - Do not reach for electrical product that has fallen into water, please unplug the power adapter from wall outlet immediately.
- 4) The Momcozy Wearable Breast Pump is a personal care item and for hygienic reasons should never be shared between mothers or resold from one mother to another. Either of these actions will void the warranty.
- 5) If you are a mother who is infected with Hepatitis B, Hepatitis C or Human Immunodeficiency Virus (HIV), pumping breast milk using the Momcozy Wearable Breast Pump will not reduce or remove the risk of transmitting the virus to your baby through your breast milk.
- 6) Close supervision is necessary when product is used near children or invalids. Do not allow children or pets to play with the motor unit, packaging materials or accessories, as this may cause product damage, malfunctions, or personal injury. Keep the product away from pests, which may also damage it or create safety hazards.

- 7) Use product only for intended use as described in this manual.
- 8) Do not use accessories or other milk collection components other than those recommended by manufacturer. Do not connect this device to other device which is not indicated in this user manual. Doing so may cause device malfunction, contamination, or potential safety hazards to the user and infant.
- 9) Check the power adapter before charging, never use the damaged power adapter.
- 10) Never leave product unattended while charging. Do not use the product while charging.
- 11) Keep the product and all accessories away from heated surfaces. Keep the breast pump away from lint, dust, and direct light (including sunlight) during use and storage to prevent performance degradation or damage to the device.
- 12) Never use it while sleeping or drowsy.
- 13) Do not operate where aerosol spray products are being used or oxygen is being administered.
- 14) 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.
- 15) Avoid strangulation resulting from Charging cable.
- 16) Users are not allowed to repair the product. If you do so, your warranty becomes invalid. For repairs, sent to the manufacturer or a designated franchise distributor.
- 17) Always switch off the breast pump before you remove the pump body from your breast, in order to release the vacuum.
- 18) Powered breast pumps that are designed for single users should never be rented or shared.
- 19) Never use the breast pump while you are pregnant, as pumping can induce labor.
- 20) The high level temperature of applied part can reach max. 43°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 burn, the maximum continuous use shall not exceed 30min each time, the interval between two uses shall be at least 5min to allow the device to cool down.
- 21) For product service life (i.e. working life)
The device has no shelf life, and the service life of the product is 500 hours. The expected operating life of the washable parts is one to three months. Please check whether the product can run normally before use. Use beyond the service life may lead to the degradation of product performance. Such as, if the product cannot control the vacuum correctly, excessive vacuum may cause injuries.

22) Contact your healthcare professional or breastfeeding specialist for help. (If the user's baby is in the NICU, this should be noted.)

5.2 Caution

- Do not place or store where product can fall or be pulled into bathtub, sink or pool.
- Do not place or drop product into water or other liquid.
- Do not immerse in any liquid for any reason or subject the unit to extreme shocks, such as dropping the pump.
- 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 continue pumping for more than five minutes at a time if you do not succeed in expressing any milk. Try to express at another time during the day.
- If discomfort is felt, then suction can be broken by inserting a finger between the breast and the flange.
- Sore nipple or nipple engorgement may happen after expressing and collecting milk. If irritation or discomfort occurs, discontinue use and see a health care provider.
- If the power adapter casing or wiring becomes loose, separated, or frayed, stop use of the power adapter immediately and contact the device manufacturer. Stop using the device immediately if you note any smoke or burning from the pump unit or power adapter.
- If you noticed a decrease in suction, check the parts for deformation or breakage and contact the manufacturer for a replacement.

Statement: If you feel excessive warmth from the Wearable breast pump while pumping, stop pumping immediately and remove pump.

Notes: Avoid direct sunlight to the main unit.

6. Product Description

The product is mainly composed of main unit and milk collection set etc.



Flange Cover



24mm Flange



Pump Motor



Milk Collector



Diaphragm



Valve



Milk Collector
(180ml)



2-in-1 USB-C
Cable

Other Accessories Included:

Flange inserts 3 pairs (17mm/19mm/21mm)

Quick Start Guide

Flange Size Ruler

Controlling the Breast Pump

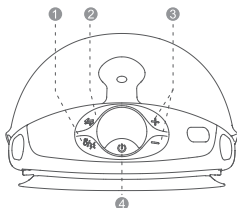


Fig.1 control panel

① Warm / Massage

② Mode Selection

③ Increase / Decrease Level

④ On / Off, Pause / Continue

Description of control panel

No.	Buttons and LEDs	Functions
1		Long press and hold to turn on / off; Short press to pause, then press any button to continue your pumping session.
2		Mode selection Short press to switch between Stimulation / Expression / Mixed / Milk Boost Long press to enable Warm / Massage level adjustment
3		Adjust suction level: Lv1-12 Adjust Warm/Massage level: *Warm: L1 (37°C / 99°F) - L2 (39°C / 102°F) - L3 (41°C / 106°F) *Massage: L1 (Gentle) - L2 (Moderate) - L3 (Intense)
4		In this mode, the breast pump gently warms the flange to provide soothing heat to the breast, enhancing comfort during pumping.
5		In this mode, the breast pump uses gentle Massage to stimulate the breast ducts, helping promote letdown and support milk flow.
6		Long press to turn on / off Warm & Massage Short press to switch between Warm / Massage / Warm & Massage Warm function stops automatically after 15 minutes. Massage function stops automatically after 5 minutes. *Adjust the level within 10 seconds using + / -, or long press the.  to adjust levels. *Warm / Massage will not start if the flange is not installed properly.
7		Stimulation Mode: In this mode, the breast pump begins with a quick and short sucking pattern to get your milk to start flowing.

8		Expression Mode: The breast pump begins with a slow sucking pattern for milk expression, sucking more deeply and more slowly.
9		Mixed Mode: In this mode, the breast pump begins with a quick and short sucking pattern followed by a slow and long sucking pattern.
10		Milk Boost 2-min Stimulation + 8-min Expression + 2-min Stimulation + 8-min Expression + 2-min Stimulation + 8-min Expression
11		Suction Level 1-12 Session Duration / Warm / Massage Level L1 / L2 / L3
12	Min	Session Duration
13	Lv	Suction Level
14		Battery Display

Description of Battery Level indicator

Battery Level Indicator		
Low Battery: Blinking	In Charging: Lights up one by one	Fully Charged: Stays on solid
		

After the battery is depleted and the device automatically shuts down, it cannot operate again and can only display a low battery status.

7. Operating Instructions

7.1 Charging battery

Please charge the product before using it for the first time. The breast pump is powered using an internal rechargeable lithium battery.

Our products are packaged with a Charging cable (USB2.0/Type-C line) but not with a power adapter. Please purchase the power adapter by yourself before charging. Make sure to buy the power adapter which matches the USB 2.0 interface, and please make sure the input power of the power adapter is AC 100~240V 50/60 Hz and the output power is DC 5V==2A. (For double pumps charging, the output power of power adapter is DC 5V==3A)

- When the first battery indicator bar flashes, it means the battery is low, and there are 30 minutes of use time left (with the Warming function turned off.) . Please charge the device in time.
 - Battery performance varies depending on selected mode:
 - Standard pumping mode: up to 10 cycles
 - Warming mode: up to 6 cycles
 - Warming + Massage mode: up to 6 cycles
- Each cycle is up to 30 minutes.

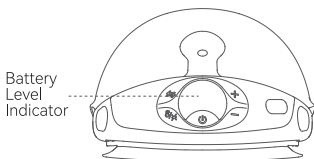


Fig. 2

Charge the battery as below:

- Insert the USB end of Charging cable into the USB interface of power adapter;
 - Insert power adapter plug into AC socket;
 - Insert the Type-C end of Charging cable into the charging port.
- The 2-in-1 USB-C cable is for charging only.
Do not attempt to operate two pumps simultaneously while charging.

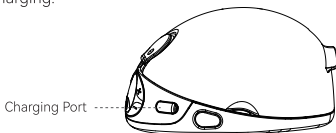


Fig. 3 Position of Charging port

 Warning

The breast pump cannot be used during charging!

The Charging cable is only used to connect between the power adapter and the Momcozy Wearable Breast Pump unit for charging, please do not connect to other equipment, otherwise, it may cause electric shock accident!

- If the power adapter casing becomes loose, separated, or frayed, stop use of the power adapter immediately and contact the manufacturer of power adapter.
- If the Charging cable is damaged, broken or cracked, stop the use of the Charging cable 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.

 Caution:

Using the wrong type of adapter or purchasing a poor-quality adapter may reduce device safety, and may damage your property and health.

Notes:

- After fully charging the battery, if the working time of the battery is shorter than before and you want to replace it, don't try to replace the rechargeable battery by yourself. Please contact the manufacturer for replacement. Self-disassembly and replacement of the battery may cause damage to the main unit and battery.
- When the product is not used for a long time, the battery will discharge slowly. In order to avoid battery damage due to low voltage for a long time, please charge the device every three months.

7.2 Cleaning and disinfection

7.2.1 General description/requirement

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 health care providers may have more recommendations for pumping breast milk safely.

A disposable peel-off label is affixed to the exterior of the milk collector. Read all warnings and instructions on the label before initial use.

1) BEFORE EVERY USE

Inspect and assemble a clean pump kit.

Clean pump motor with disinfectant wipes.

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 dials, power switch, and countertop 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.

- Milk contact part: parts of milk collection set, including Flange, Diaphragm, Valve, and Milk Collector.
- Parts that only contact the breast skin: Flange, Flange Insert.

4) Before cleaning/disinfection :

- Please Wash your hands well with soap and water for 20 seconds.
- Please disassemble all the parts as follows:

 Fig. 5	 Fig. 6
1). Press both side release buttons to remove the milk collector.	2). Detach the flange from the pump.
 Fig. 7	 Fig. 8
3). Remove the diaphragm from the milk collector.	4). Disassemble the milk collector.
 Fig. 9	Non-washable parts  
5). Remove the valve from the milk collector.	



Caution:

Never put the main unit, charging cable or the adapter (If you have purchased an adapter) in water or a dishwasher, as this causes permanent damage to these parts.

7.2.2 Cleaning and disinfecting parts contacting with the milk

Step 1: Cleaning

Please manually clean the device.

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



Warning

Do not use antibacterial or abrasive cleaning agents to clean the breast pump parts as this may cause damage.

1) Prepare the below items:

- Soap and hot water
- Drinking-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 parts of milk collection set and any other feeding items by holding them under running water to remove the remaining milk or dirt. The water can be warm or cold, whatever you prefer.

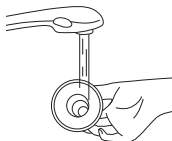


Fig. 10

3) Wash milk collection parts:

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

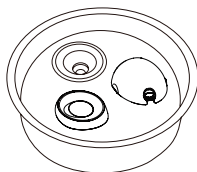


Fig. 11

- Using a clean brush used only for infant feeding items to scrub items.

4) Rinse again: Rinse by holding 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 there is still dirt, repeat step 3 and re-rinse until there is no visible dirt.

5) Air-dry thoroughly: Place parts of the milk collection set, 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 dry because doing so may transfer germs to the items!

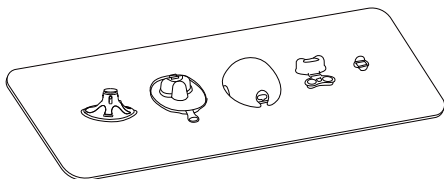


Fig. 12

6) Clean wash basin and bottle brush: Rinse the wash basins 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 less than 3 months old, was born prematurely, 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 extra germ removal, disinfect the parts of milk collection set, wash basin, and bottle brush at least once daily after they have been cleaned. Items can be disinfected using boiling water with a disinfection setting. Disinfection is especially important if your baby is less than 3 months old, was born prematurely, or has a weakened immune system due to illness or medical treatment. For the disinfection of milk contact parts, please refer to step 2.

Step 2: Disinfection



**DO NOT
MICROWAVE**

High temperature (> 110 °C) will shorten their service life and cause safety hazards.

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

1) Prepare the below items:

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



Caution:

During disinfection with boiling water, prevent the bottle or other parts from touching the sides of the pot. This can cause irreversible product deformation or damage.

2) Place the disassembled milk collection set in the pot and fill the pot with enough water to cover the components to disinfect. Let the water boil for 5 minutes, making sure the parts do not touch the sides of the pot.

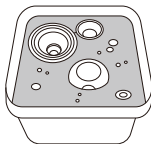


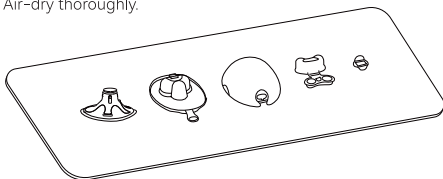
Fig. 13

3) Remove items with clean tongs.



Fig. 14

4) Air-dry thoroughly.



5) If steam disinfection is used, it is recommended to use a dedicated steam sterilizer and keep the disinfection time within 10 minutes.

Fig. 15

Step 3: Store safely

Store dry items safely until needed. Ensure the clean pump parts, bottle brushes, and wash basins have air-dried thoroughly before storing. Items must be completely dry to help prevent germs and mold from growing. Store dry items in a clean, protected area to prevent contamination.

1. Wash hands: Wash hands well with soap and water.
2. Put back together: Put together the 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.

7.2.3 Clean / Disinfect the other parts

The shell of the main unit need to be cleaned and disinfected for the first time and after each use. The other parts, do not come into contact with the human body nor the milk during pumping, and only need to be cleaned when it is dirty.

Cleaning/disinfecting the items at room temperature 5 °C~ 40 °C as below:

Prepare the below items:

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

Cleaning method:

1. Before performing this cleaning procedure, wash your hands with hand disinfection first.

2. Remove all residual foreign matter from the main unit and/or Charging cable using a clean soft cloth.

3. Take a piece of 70% isopropyl alcohol wipes to swab on the parts until no visible contaminants remain.

4. Dry the device by placing it at room temperature for 10min to evaporate the residual cleaning reagent solution on the product.

Disinfection method:

Cleaning the shell of the main unit as the above method before disinfection.

1. Disinfect the shell of the main unit with a soft cloth dampened with the 70% isopropanol for 3 minutes.

2. Dry it by placing the main unit at room temperature for 10min to evaporate the residual disinfection solution.

7.3 Direction for use

7.3.1 Preparation before use



Caution:

1. Wash hands with soap and water, and inspect and assemble a clean pump kit.

2. Duration of pumping session:

This product is powered by a rechargeable lithium battery. When fully charged, it can support:

- Approximately 10 pumping cycles in standard pumping mode
- Approximately 6 pumping cycles in warming mode
- Approximately 6 pumping cycles in warming + Massage mode

Each cycle lasts about 30 minutes. A typical pumping session usually lasts 10–15 minutes per breast, but you should adjust the duration based on your comfort level and milk output.

1. Select Flange Size

The Momcozy wearable breast pump is provided with 24mm flange and 17/19/21mm flange insert. If the provided flange and flange insert are not the right size, you can purchase various sizes of flanges and flange insert on Amazon or Momcozy's official website. Type "momcozy" in the search bar and find the flange size and flange insert that fits you.

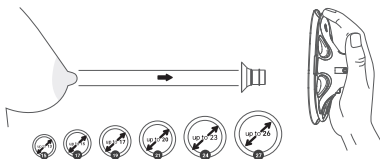


Fig.16 select right size (mm)

2. Stimulate the Nipple

- Stimulate your nipple to get a full size (do not skip this step!).
- Place the nipple into the smallest hole you can comfortably fit into without forcing it.
- Select the hole that can comfortably fit the very base of your nipple.
- Get your measurement based on the sizing chart.

3. Test the Flange Fit

- To find the suitable size flange, first, you need to make sure you place the flange in the right place on your breast.
- Please press the flange on your breast until there is no gap. Make sure your nipple is right in the middle of the flange.

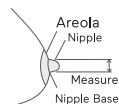


Fig.17

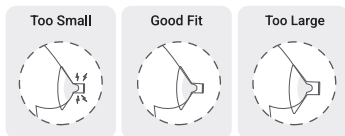


Fig.18

Too Small

Too small: During pumping, if your nipple continues to rub against the inner wall of the flange, then this flange is too small for you.

Good Fit

Suitable fitting: During pumping, if your nipple moves smoothly without rubbing or touching the inner wall of the flange, and almost no areola is sucked inside, then this flange is right for you.

Too Large

Too large: During pumping, if a large area of areola is sucked inside, then this flange is too big for you.

4. Get the Right Bra

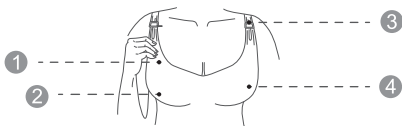


Fig.19

- ① Made of stretchy fabric
- ② No underwire or padding
- ③ Has a flap
- ④ Full coverage

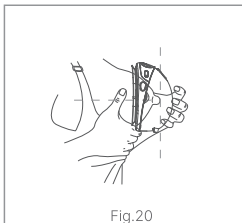


Fig.20

NO GAP

When you put the pump inside your bra, the silicone flange of this pump should be firmly pressed against your skin without a gap.

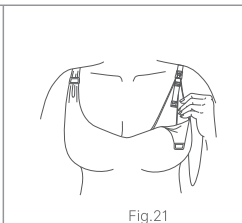


Fig.21

IF IT MOVES

If you feel the pump moves during use, please tighten your bra strap to adjust the pump again, or choose another bra.

5. Recommend Posture



Caution:

Always sit or stand upright while pumping to prevent the milk from leaking. This pump is not to be used when lying down or sleeping to ensure the proper orientation is maintained during use.

POSTURE

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



Fig.22 right posture

7.3.2 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

- Be careful, when you have disinfected the breast pump parts by boiling them, they can be very hot. To prevent burns, only start assembling the breast pump when disinfected parts have cooled down.
- Wash your hands thoroughly with soap and water before you touch breast pump parts and breasts to prevent contamination. Avoid touching the inside of milk collection set.



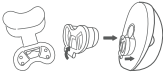
Caution:

- 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.

Notes:

• Correct placement of the Flange, Diaphragm, Milk collector, Valve, etc. is essential for the breast pump to form a proper vacuum.

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

 Fig. 23	 Fig. 24
1. Wash your hands thoroughly with soap and water.	2. Assemble the valve to the milk collector and ensure it is properly installed.
 Fig. 25	Make sure the diaphragm is completely dry.  Fig. 26
3. Assemble the milk collector and ensure the front and back covers installed correctly.	4. Always snap the diaphragm cover onto the silicone first, then attach it to the milk cup lid to prevent air leakage.
 Fig. 27	 Fig. 28
5. Attach the pump motor to the milk collector, ensure it's properly aligned and securely installed.	6. Assemble the pump motor and the flange tightly and properly to ensure no air leakage, otherwise there will be no suction.

The breast pump is now ready for use.

7.3.3 Pumping instructions

Warning

- Before you remove the pump body from your breast, always switch off the breast pump to release the vacuum.
- Do not continue pumping for more than 5 minutes at a time if you do not succeed in expressing any milk. Try to express at another time during the day.
- If the process becomes very uncomfortable or painful (such as allergic reaction), stop using the pump and consult your healthcare professional.

Caution:

- Monitoring milk level during pumping to ensure overfill does not occur.

1. Alignment

a. Before pumping, please make sure the pump is pressed tightly on your breast without a gap (Fig. 29).

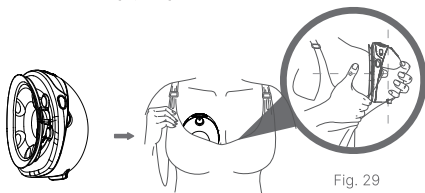


Fig. 29

- b. To align, hold the flange against your breast so you can see if your nipple is centered in the flange tunnel. You may need to bend forward.
- c. 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

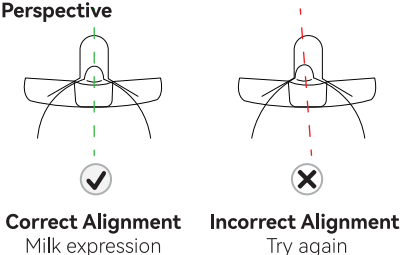


Fig. 30

Note:

Correct nipple alignment is key to comfort expression and performance.

Nipple must be positioned correctly in flange tunnel before pumping to avoid discomfort.

See Section 8.3.1 Preparation before use-Select Flange Size.

2. Secure Pump In Bra

Secure Pump in place by bra, taking care to keep Pump pressed firmly against breast. If necessary, tighten bra to keep pump securely in place and start pumping.

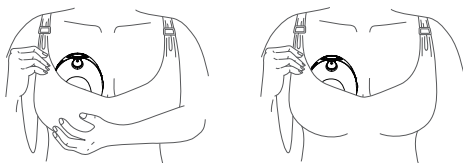


Fig. 31

3. Starting Pumping

Do not slide the pump directly into your bra, follow step-by-step instructions.

Disconnect from Charger before use.

A. Turn on the pump

Consult your health care practitioner to understand how long you should pump. Momcozy pump shuts off automatically after 30 minutes of pumping time.

Long press the On / Off / Pause button to turn on or turn off the pump.

Short press the On / Off / Pause button to pause, then press any button to continue your pumping session.

- The default mode is stimulation mode when you first use the pump.

- The default vacuum level is level 1.

- When the pump is powered on, the warming function is enabled by default at the medium level. Pressing any button will start the pumping and Massage functions.

During each pumping cycle, the warming function operates for 15 minutes by default, and the Massage function operates for 5 minutes.

After the default duration ends, the user may manually press the corresponding buttons to reactivate the functions, or adjust the warming and Massage levels.

B. Select the mode

Modes: Stimulation Mode & Expression Mode & Mixed Mode & Milk Boost Mode

When you first use the pump, the default setting is suction level 1 of stimulation mode.

C. Select the vacuum level

Momcozy pump has 12 vacuum pressure settings for each mode, giving you control over what feels comfortable and works most efficiently in all modes.

Once you can feel the vacuum pressure on your nipple, use the Increase/Decrease button to adjust the vacuum pressure to find your preferred setting in all modes. The LED display will be off after no operation for 60 seconds, press any button can activate the LED display again.

Tip: A higher vacuum pressure does not always mean a higher volume of milk. Putting your nipple under excess stress can reduce milk production. Always ensure you are pumping at a comfortable level. If you don't feel suction, please check the pump is assembled correctly.

D. Warm / Massage

- Long press to turn on / off Warm & Massage
- Short press to switch between Warm / Massage / Warm & Massage
- Warm function stops automatically after 15 minutes.
- Massage function stops automatically after 5 minutes.

* Adjust the level within 10 seconds using + / - , or long press the  to adjust levels.

* Warm / Massage will not start if the flange is not installed properly.



Warning

If you experience any discomfort, please reduce the level immediately or turn the function off.



Caution:

- * Momcozy pump does not support use while charging. Always disconnect from the charger and close the charging cap before use.
- * Momcozy pump should not be used while lying down, engaging in strenuous activities or performing activities with risk of harm.
- * Using a breast pump should not cause pain. Do not try to express with a vacuum pressure setting that is too high or uncomfortable. If excessive discomfort or pain is felt during pumping, stop pumping, break the seal around your nipple and discontinue the session.

4. Pause / Start Pumping

To pause while pumping, short press the On / Off / Pause button and the mode indicator will be blinking. Press any button to continue your pumping session.

5. Turn off the Pump

Long press the On / Off / Pause button to turn off the pump.

In addition, the product will automatically shut down after the 30min of pumping time.

6. Remove the Pump

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

Lean slightly forward to remove the pump from the breast after your pumping session, then keep the flange opening side up to prevent milk from pouring over.



Fig. 32

We recommend the user stop the pumping session once the expressed milk volume of the milk collector approaches 120 ml to avoid overflow.

Warning

- The Milk collectors provided are for collecting the milk during suction. If you need to feed the baby or store the expressed breast milk, please use another Milk collector with a cap.

Warning

- Refrigerate or freeze expressed milk immediately or keep it at a temperature of 16 °C~ 25 °C for 2-4 hours before you feed your baby.

7.4 Storing breast milk

7.4.1 Proper storage of breast milk

Following 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. Various factors affect how long human milk can be stored safely. Such factors include milk volume, room temperature when milk is expressed, temperature fluctuations in the refrigerator and freezer, and cleanliness of the environment.

Storing breast milk after expressing:

- Refrigerate or chill milk right after it is pumped, if possible. You can put it in the refrigerator, place it in a cooler or insulated cooler pack, or freeze it in small (2 to 4 ounce) batches for later feedings.
- 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 the recycle symbol number 7, which indicates that the container may be made of BPA-containing plastic.

- Remove air before sealing.
- Lay bags flat to freeze. To prevent sticking between bags, please separate the bags with paper towels.
- 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 part of the breast milk that may rise to the top back into the rest of the milk. Do not shake the milk. This can make some of the milk's valuable parts break down.
- Freshly expressed or pumped milk can be stored:
Guide to storing fresh breast milk for use with healthy, full-term babies

Type of Breast Milk	Storage Locations and Temperatures		
	Countertop 77 °F (25°C) or colder (room temperature)	Refrigerator 40 °F (4°C)	Freezer 23 °F (-5°C) or colder
Freshly Expressed or Pumped	Within 2-4 hours	Within 24 hours	Within 3 months
Thawed, Previously Frozen	Use within 2 hours after the baby is finished feeding		

Recommended storage times are important to follow for best quality.
Source: Information is adapted from the Academy of Breastfeeding Medicine's (ABM) Clinical Protocol #8: Human Milk Storage Information for Home Use for Full-Term Infants, Revised 2017.

Storage tips:

- Clearly label on the storage container with the date it was expressed, include your child's name if you are giving the milk to a childcare provider.
- Do not store breast milk in the door of the refrigerator or freezer. This will help protect the breast milk from temperature changes from the door opening and closing.
- If you don't think you will use freshly expressed breast milk within 4 days, freeze it right away. This will help to protect the quality of the breast milk.
- When freezing breast milk:
- Store small amounts to avoid wasting milk that might not be finished. Store in 2 to 4 ounces or the amount offered at one feeding.
- Leave about one inch of space at the top of the container because breast milk expands as it freezes.
- Breast milk can be stored in an insulated cooler with frozen ice packs for up to 24 hours when you are traveling. At your destination, use the milk right away, store it in the refrigerator, or freeze it.

7.4.2 Safe thawing of breast milk

- Always thaw the oldest breast milk first. Remember first in, first out. Over time, the quality of breast milk can decrease.
- There are several ways to thaw your breast milk:
 - In the refrigerator overnight.
 - Set 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 burn a baby's mouth.
- If you thaw breast milk in the refrigerator, use it within 24 hours. Start counting the 24 hours when the breast milk is completely thawed, not from the time when you took it out of the freezer.
- Once breast milk is brought to room temperature or warmed, use it within 2 hours.
- Never refreeze breast milk after it has thawed.

8. Transfer

When traveling, please use the charging cable provided and adjust it to the right power source for your current location. Before boarding the plane, please consult the airline for advice about carrying or using this pump on the plane.

Temperature: -20 to 60 °C / -4 to 140 °F

Relative Humidity: 15% - 90%RH

Ambient Pressure: 70 - 106kPa

9. Storage Condition

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

First, please charge the pump before long-term storage in which way the service life of this pump can be prolonged. Second, keep it in a place away from direct sunlight in avoidance of discoloration. Third, 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
- * Generally 30 minutes is required to warm from the minimum storage temperature and/or cool from the maximum storage temperature until it is ready for operation.

10. Specification

Model No.	BP420
Name	Wearable breast pump
Power requirements	Input: 5V $\equiv$ 2A(Charge through provided USB 2.0/Type-C Charging cable and self-purchased power adapter) For double pumps charging, the output power of power adapter is DC 5V $\equiv$ 3A
Power supply	3.87V / 2200mAh rechargeable lithium batter
Rated power	10W
Suction modes	Stimulation mode, expression mode, mixed mode and milk boost mode
Vacuum range	Stimulation mode: -75mmHg~-160mmHg Expression mode: -112mmHg~-295mmHg Mixed mode: -75mmHg~-295mmHg Milk boost mode: -75mmHg~-295mmHg
Cycle speed cycle/min	Stimulation mode: 67~100 cycle/min Expression mode: 28~62cycle/min Mixed mode: 54~90cycle/min Milk boost mode: 28~100cycle/min
Pump dimension	131mm X 115mm X 78mm
Weight(with all accessories)	320g
Product use life	500 hours
Noise level	$\leq$ 50dB
Type of protection against electric shock	Internally powered equipment
Degree of protection against electric shock	Type BF applied part (Flange)
Warming function	L1 (37°C / 99°F) - L2 (39°C / 102°F) - L3 (41°C / 106°F)
Massage function	L1 (Gentle) - L2 (Moderate) - L3 (Intense)

Operating conditions	Temperature: 0°C to 38°C Relative Humidity: 15% to 90% Atmospheric Pressure: 70 kPa to 106 kPa
Transportation & Storage environment	Temperature: -20 °C to 60 °C Relative Humidity: 15% to 90% Atmospheric Pressure: 70 kPa to 106 kPa
Battery charging time	150 minutes
Battery usage Time	300 minutes 180 minutes (Warming+Massage functions)

11. 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. In order to avoid battery damage due to low voltage for a long time, please charge the device every three months.



Warning

Warning: the replacement of lithium batteries by inadequately trained personnel could result in a hazard.

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

12. Declaration of Conformity

Shenzhen Root Innovation Technology Co., Ltd. declares that the device conforms to the following standards IEC 60601-1, IEC 60601-1-2, IEC60601-1-11,, ISO 10993-5, ISO 10993-10, ISO10993-23.

13. Troubleshooting

Problems	Solutions
Pump does not work	• If the let-down has not yet occurred, consider leaving the pump on breast for a longer period of time to observe for possible delayed let-down. Note: Initial milk let-down time is unique for each person and varies by many factors. • Check nipple alignment, pause the pump, and remove it from the breast. Realign the pump as described below. • You may not have the correct Flange size
Flange does not work	• Make sure the flange is fully installed and the Pogo Pin contacts between the flange and the main unit are properly connected, with no visible gap. • Ensure the milk collector is correctly assembled, as improper assembly may affect the connection. • Try swapping the flanges between the main units to help determine whether the issue is with the flange or the main unit.
Milk does not flow	• Pause the pump and remove it from breast. Realign it correctly. • You may also separate the pump from the flange to realign . Then, center your nipple in the flange tunnel and bring the pump to your breast
Need to realign	• Pause the pump and remove it from breast. Realign it correctly. • You may also separate the Pump from the Flange to realign. Then, center your nipple in the flange tunnel and bring the pump to your breast
Feel discomfort while pumping	• If you're experiencing excessive discomfort, please try the following • Make sure to press the Momcozy pump firmly against breast during Stimulation phase. • Tighten the bra to make sure the Momcozy pump is held firmly against the breast. • Decrease suction strength. • Realign the Momcozy pump.

Feel discomfort while pumping	- You may be pumping for too long. This pump shuts off automatically after running for 30 minutes. - You may not have the correct flange size. Stop and see a medical professional or breastfeeding specialist.
Decreased (low) pump suction	- The Pump has 12 suction settings. Press the increase button to increase suction strength. - Check the condition of your washable parts. They should be replaced after three months of use. - If that does not work, try the following: - Check connections between all washable parts to ensure all are secure. - Visually inspect all washable parts and replace them if damaged. - Check that power is on. - Press the Pump securely against the breast.
Stop pumping	- Pump stops pumping automatically after 30 minutes. - Short press On / Off / Pause button will pause the pump, press again will resume.
Pump does not stop pumping	- Press the On / Off / Pause button. - If the issue persists, then break the seal by inserting a finger between the breast tissue and the flange. Then Press the On / Off / Pause button to turn the pump off.
Pump is not charging.	Ensure the USB Type-C cable with standard Charger (not included) is fully plugged into the pump charging port.

Remark: If the above methods still do not solve the problem, please contact the manufacturer, see the last page for contact information.

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. non-observance 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



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 Wearable 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 Wearable Breast Pump. Please do not use Momcozy Wearable 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 Wearable Breast Pump. Please do not use Momcozy Wearable Breast Pump near these places. If you have to go through one of these devices, turn off your Momcozy Wearable Breast Pump. Before each usage, checking the status of your Momcozy Wearable 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 Wearable Breast Pump near this equipment.

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

Cables name	Cable length	Whether shielding
2-in-1 Type-C Charging cable	800±20mm	No

The equipment ESSENTIAL PERFORMANCE is intended used in Home healthcare environment facility environment, which can be test by Vacuum manometer and Observation.

Guidance and manufacturer's declaration – electromagnetic emissions

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

Emission test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The Wearable 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 CISPR 11	Class B	The Wearable 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 Wearable Breast Pump is intended for use in the electromagnetic environment specified below. The customer or the user of the Wearable Breast Pump should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnet- ic 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 Wearable Breast Pump requires continued operation during power mains interruptions, it is recommended that the Wearable 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 Wearable Breast Pump is intended for use in the electromagnetic environment specified below. The customer or the user of the Wearable 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 Wearable 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 Wearable Breast Pump may be affected by the external environment, in view of the uncertainty and instability of the travel environment, please consult the airline for advice about carrying or using this pump on the plane..

The Momcozy Wearable 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 5V=2A(For double pumps charging, the output power of power adapter is DC 5V 3A), and please make sure you have a converter to convert to the proper voltage of the target country. To ensure that the Momcozy Wearable Breast Pump is not affected during carrying, please check the following items before use to ensure it can operate normally:

- Check the Momcozy Wearable Breast Pump to ensure that it is free from damage and cracks.
 - Before each usage, check the status of your Momcozy Wearable Breast Pump to ensure it can operate normally.
- If there is any abnormality, please stop using it.

18. Manufacturer Information

Manufacturer:Shenzhen Root Innovation Technology Co., Ltd.
address:#2-201, Floor 2 Hasee Computer Building, No.2 Beier Rd,
Bantian Street, Longgang, Shenzhen, Guangdong, China 518129

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.

Made in China

19. FCC Warning

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.

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

momcozy

Evolving for Mom and Cozy