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Air 1

Wearable Breast Pump

User manual

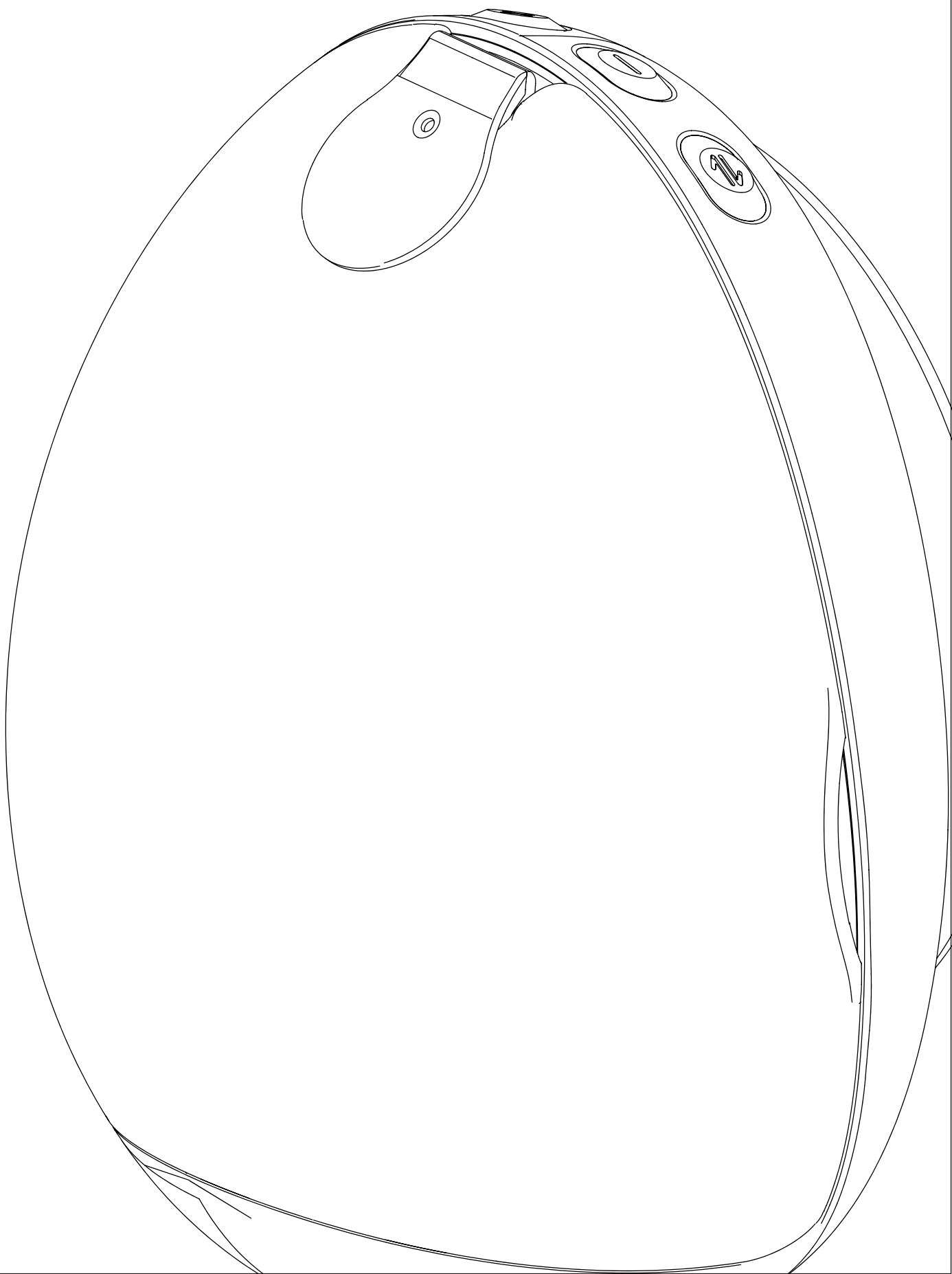
(For OTC Type of Use)

Model No.: BP334

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

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ENGLISH

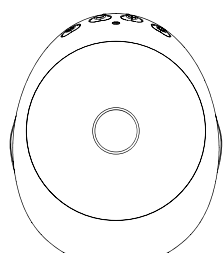


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01. Product Introduction









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. 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 and long 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, followed by a slow and long sucking pattern. 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.



02. Warning instructions and Cautions

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/precautions 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.
 Caution	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		Serial Number
	Batch code		Refer to instruction manual.
	Distribution packages shall not be exposed to sunlight		
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 150.		
	Disposal in accordance with Directive 2002/96/EC (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

03. Indications for Use/Intended use

[Indications for Use/Intended use]

The Momcozy Wearable Breast Pump (model: BP334) is a powered breast pump 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

04. Contraindications:

No known Contraindications

05. 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 metallic or electronic device. Such use could cause electrical interference, or death.
- 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 it 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 users or resold from one person 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.
- 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.
- 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.
- 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 43.9°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) Keep the product away from children or pets, and avoid swallowing small parts.

5.2 Cautions:

- Do not place or store where the product 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 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 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.

- 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.
- 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.

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.

06. Product description

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

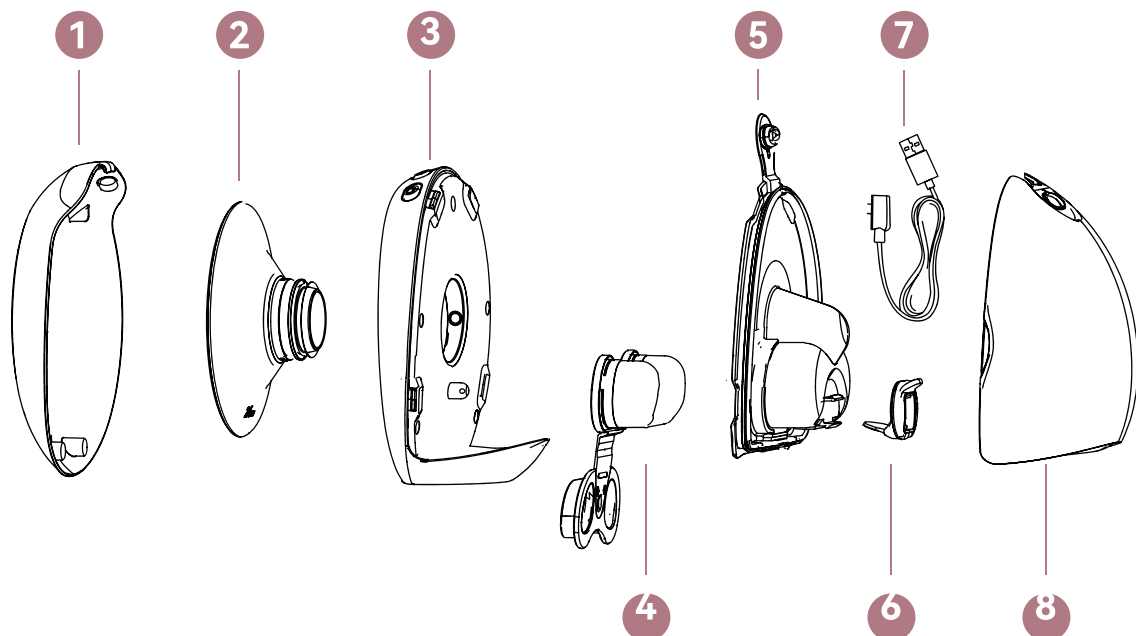


Fig.1 unit description

Description Of Breast Pump Unit

NO.	Item	Description
1	Flange Cover	All of these components make up the milk collection set
2	24mm Flange	
3	Pump Motor	
4	Diaphragm	All of these components make up the milk collection set
5	Milk Collector	
6	Valve	
7	Magnetic Charging Cable	
8	Milk Collector	The milk collection set

Other Accessories Included

Flange Insert	Quick Start Guide
User manual	Flange Size Ruler

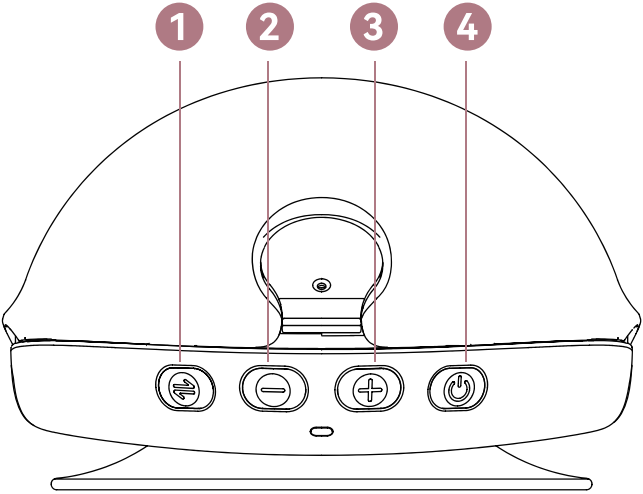











Fig.2 control panel

NO.	Buttons and LEDs	Functions	
1		Mode Selection	
2		Decrease suction level	
3		Increase suction level	
4		On / Off; Pause / Continue: Long-press to turn on/ off the device; Short-press to pause/ continue the device	
5		Indicator light:	
			Battery full: solid white
			Low battery (one cycle left): solid red
			Charging: flashing green
			Fully charged: solid green

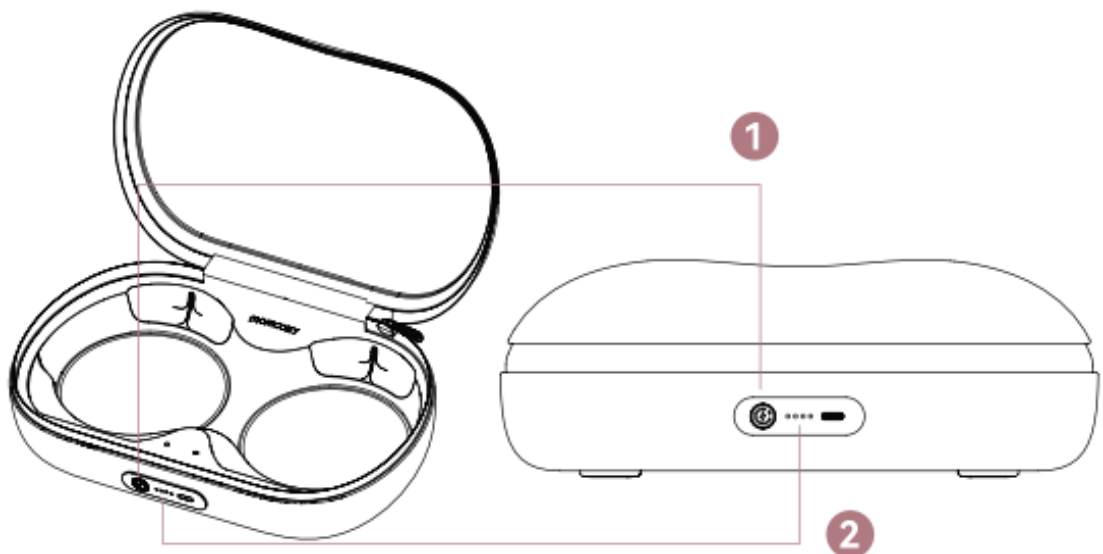




Fig.3 control panel

1		Short-press: on/ off the battery indicator light.
2		<p>Charging Case Battery Indicators</p> <ul style="list-style-type: none"> • From left to right, the four lights indicate 25%, 50%, 75%, and 100% battery respectively. • Charging one bar: cycles from 1st to 2nd to 3rd to 4th continuously. • Charging two bars: 1st bar solid, cycles from 2nd to 3rd to 4th. • Charging three bars: 1st and 2nd bars solid, cycles from 3rd to 4th flashing. • Charging four bars: 1st, 2nd, and 3rd bars solid, 4th bar continuously flashing. • When fully charged, all four indicators remain solid. <p>When the first battery indicator bar flashes, it means the battery is low</p>

07. Operating Instructions

7.1 Powering the Breast Pump

Two charging methods for the breast pump:

7.1.1 Charging Case

Use the charging case to charge your breast pump by first aligning the pump charging port with the port inside the case. Release the pump, allowing it to fully settle into the slot, and observe the charging indicator flashing green. When the indicator remains steadily green, your pump is fully charged.

7.1.2 Charging Cable

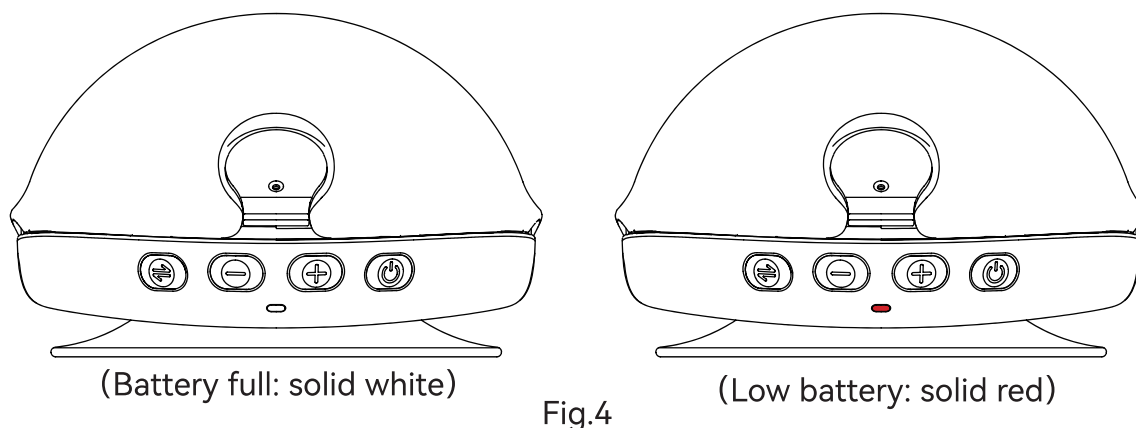
Charge your breast pump using the magnetic charging cable (included) and a 5V/2A adapter (not included). Please purchase the power adapter by yourself before charging. Make sure to buy the power adapter which matches the USB 2.0 interface, and please make sure the input power of the power adapter is AC 100-240V 50/60 Hz and the output power is DC 5V 2A.

7.2 Charging battery

- Please charge the breast pump using the above two methods before first use. The breast pump is powered by an internal rechargeable lithium battery.

When the breast pump power indicator turns red, it means the battery is low, and there are about 30 minutes of use time left. Please charge the device in time.

- The device will take approximately 150 minutes to fully charge. After being fully charged, it can be used about 6 sessions (about 180 minutes) of pumping, 30 minutes per session.



- The charging case comes with USB-C Charging Cable(included) but not with a power adapter. Please purchase the power adapter by yourself before charging. When the case is charged, the battery indicator bar increases one by one, from one bar to four bars, until the pump is fully charged. The display of four bars indicates that the battery is full.

Fully charge the case only	About 3 hours
Fully charge the case and two breast pumps inside the case	About 5 hours

Unplug the power adapter from the socket, disconnect the charging cable from the power adapter and main unit after charging is completed.



Warning

- 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 the 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 the device's safety, and may damage your property and health. Please purchase the medical adapter that meets the IEC 60601-1 and IEC 60601-1-2 standards in professional medical markets, and make sure the output of the power adapter is DC 5V 2A.

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.

7.3. Cleaning and disinfection

7.3.1. 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.

1) BEFORE EVERY USE

- 2) Inspect and assemble a clean pump kit. Clean pump motor with disinfectant wipes.

Clean and disinfect all parts that come into contact with breast and breast milk before you use the breast pump.

3) 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.

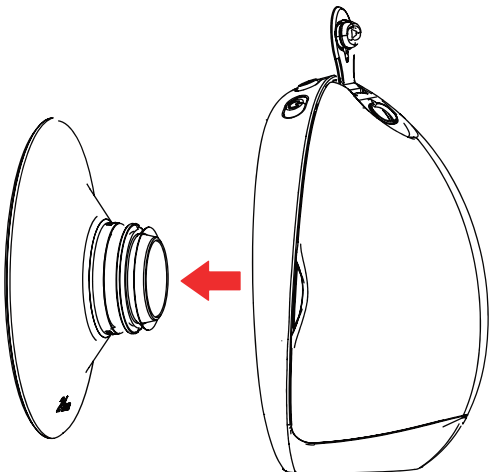
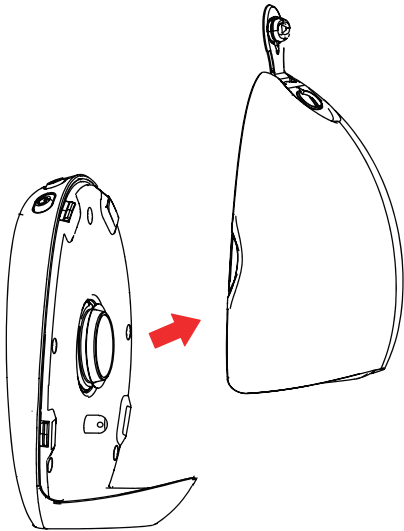
Clean pumping area: Clean the surface of the pump motor with disinfectant wipes.

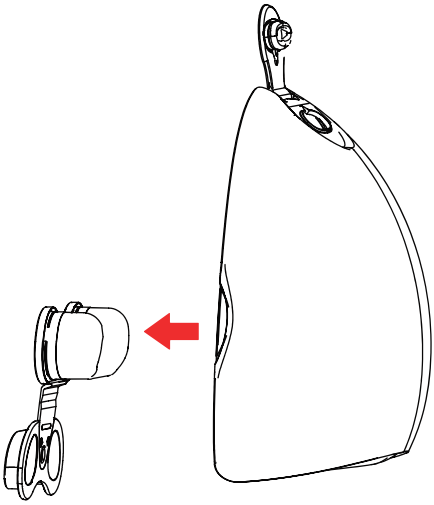
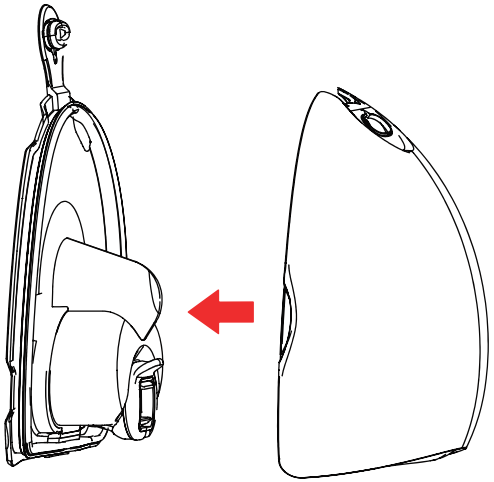
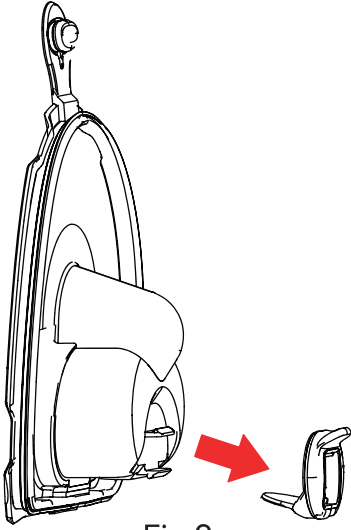

4) Parts that need to be cleaned and disinfected pump for the first time and after every use. Cleaning and sanitizing are not the same. It's necessary to clean and disinfect the pump separately, so as to keep moms and babies safe and maintain the breast pump's performance.

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

5) Before cleaning / disinfection:

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

 <p>Fig.5</p>	 <p>Fig.6</p>
<p>1) Detach the flange from the pump</p>	<p>2) Grip the protrusions to detach the milk collector from the main unit.</p>

 <p>Fig.7</p>	 <p>Fig.8</p>
<p>3) Remove the diaphragm from the milk collector.</p>	<p>4) Disassemble the milk collector.</p>
 <p>Fig.9</p>	<p> Caution</p> <p>Never put the main unit, charging case, charging cable or the adapter (If you have purchased an adapter) in water or a dishwasher, as this causes permanent damage to these parts.</p>
<p>5) Separate the valve</p>	

7.3.2. Cleaning and disinfecting parts contacting with the breast 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
- ✓ 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 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, which depends on your preference.

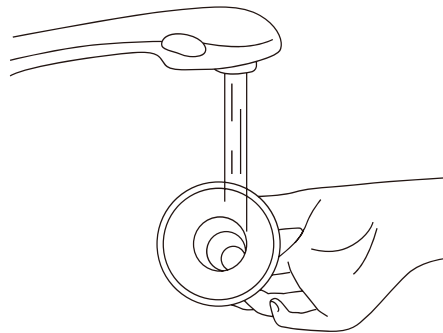


Fig.10

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 parts of the milk collection set in warm 40–60 °C (104–140 °F), soapy water for 3~5 minutes.
- ✓ Using a clean brush only for infant feeding items to scrub items.

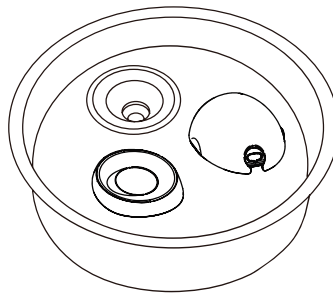


Fig.11

- 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 has dirt remained, 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 because that may transfer germs to the items!

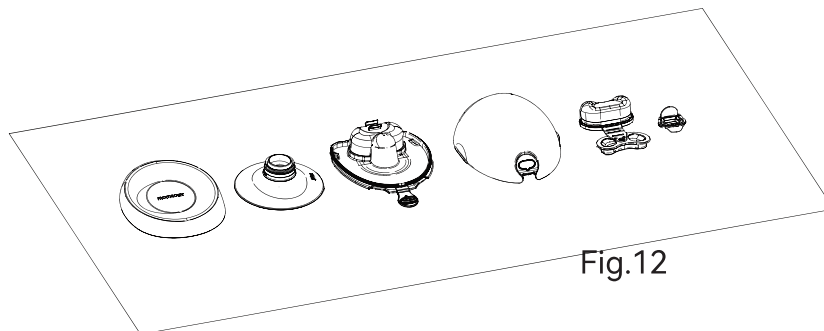


Fig.12

- 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 weak immune system due to illness or medical treatment. For the disinfection of milk contact parts, please 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 sterilize the lid.

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
- Drinkable-quality water
- Clean tongs



Caution

1) 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 5-10 minutes, make sure the parts do not touch the sides of the pot.

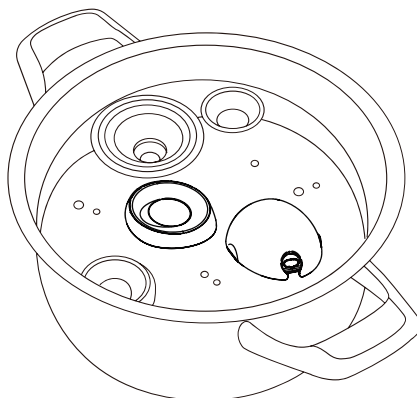


Fig.13

3) Remove items with clean tongs.

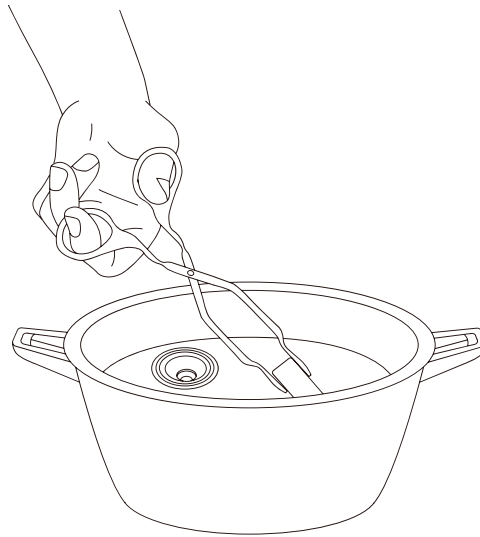


Fig.14

4) Air-dry thoroughly.

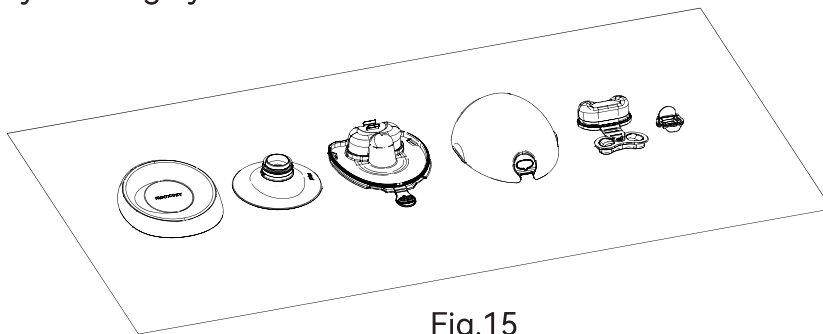


Fig.15

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 preventing 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.

7.3.3. 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 residues 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.

7.4. Direction for use

7.4.1.Preparation before use



Caution

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

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.

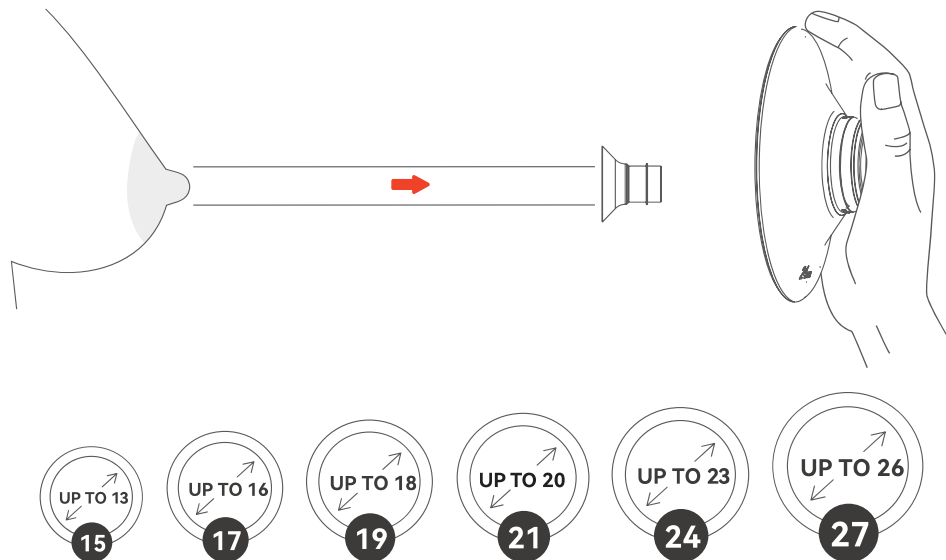


Fig. 16 select right size

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

Fig. 17 Flange size chart

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

A. To find the suitable size flange, first, you need to make sure you place the flange in the right place on your breast.

B. Please press the flange on your breast until there is no gap. Make sure your nipple is right in the middle of the flange.

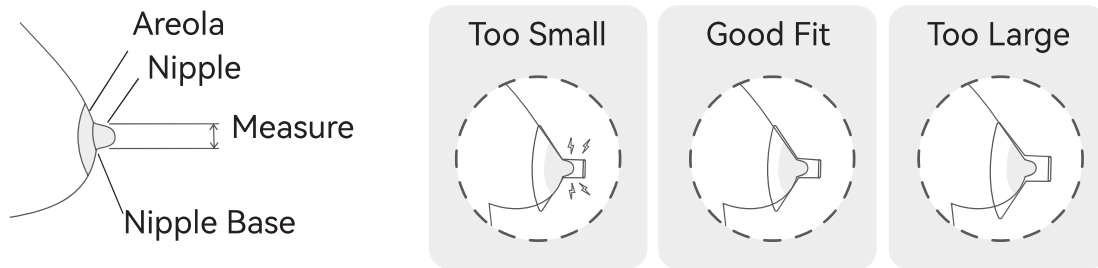


Fig. 18

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

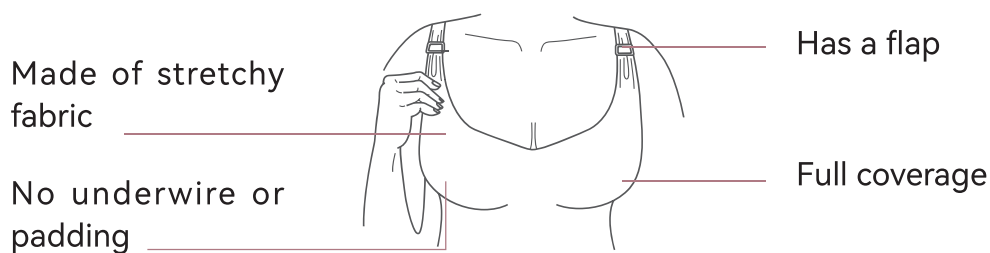


Fig. 19

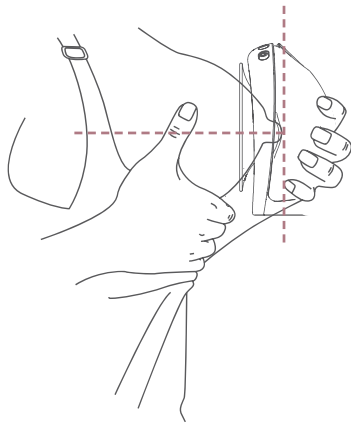


Fig. 20

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.

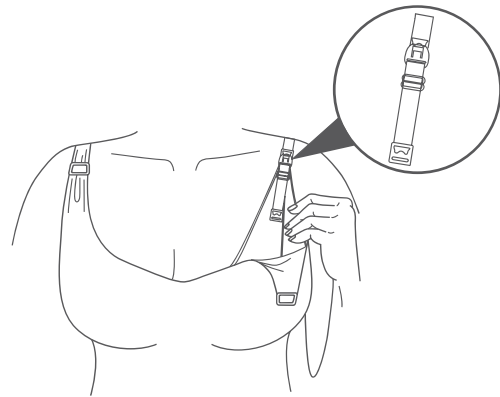


Fig. 21

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.

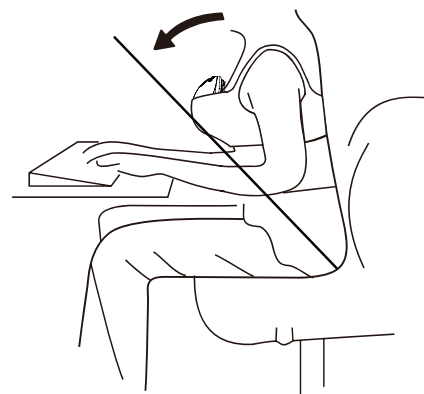


Fig.22 right posture

7.4.2. 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.



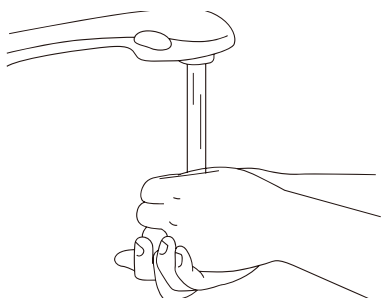
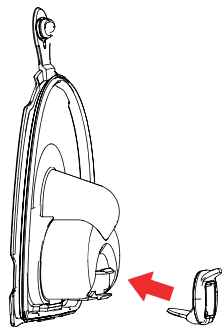
Warning

- 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.

Notes:

- Correct placement of the Flange, Diaphragm, Milk collector, Valve,
- 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.

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

 <p>Fig.23</p>	 <p>Fig.24</p>
<p>1) Wash your hands thoroughly with soap and water.</p>	<p>2) Gently push the valve into the milk collector, making sure that no gaps remain.</p>