

Electric Breast Pump

Please read this instruction manual carefully before using the device. Retain this instruction for later use.

BASIC PRODUCT INFORMATION

Brest Pump HL-0682

The device is an electric breast pump, hereinafter referred to breast pump is a product designed for breastfeeding mothers in order to express breast milk. It enables collection of milk for later usage i.e. in case of separation from the child. The breast pump helps maintain lactation and prepares for your planned absence or random events such as power outages, treatment, cracked and sore nipples.



- The device is intended for personal use. Using by more than one person may pose a health risk.
- The device warranty is 24 months from the date of sale. Please keep a proof of purchase.
- Before using, read the instruction manual and follow the rules of safe use.
- Keep the manual together with the device.
- The expected life of the product is 5 years. The service life of the silicone elements is no longer than 2 years. Silicone elements may change colour permanently. These elements must be replaced after finding discoloration or after the estimated time of use.

FOLLOW THE RECOMMENDATIONS ON THE CORRECT USE OF THE DEVICE AND ITS ACCESSORIES STRICTLY.

THE MANUFACTURER OR DISTRIBUTOR IS NOT LIABLE FOR DAMAGES RESULTING FROM THE MISUSE OF THE DEVICE, THE RESULTING DAMAGE IN THIS WAY CANNOT BE THE BASIS FOR THE CLAIM OR WARRANTY.



Making any repairs or modifications to the product by unauthorized persons, results in loss of warranty and may result in risks to health and life.

SAFETY RULES

When using electrical devices, special safety precautions must be taken including:

- **CAUTION:** To protect against electrical shock, do not immerse the cord, AC adapter or device's control panel in water or other liquid. Protect the device from water and NEVER operate the device with wet hands.
- Before plugging in the device for the first time ensure the voltage is compatible with your electricity supply by checking the nameplate on the base of the main body. The correct voltage for Canpol babies Breast Pump is 100-240V.
- Connect the device only to an efficient and surge-protected power supply.
- Extension cords may be used if during their use they are adequately protected and are under appropriate supervision.
- If extension cords are used:
 - 1) The marked electrical voltage of the extension cord should be compatible with the electrical voltage specified on the device.
 - 2) The extension cord must be adapted to the device's electrical load, according to the information provided on the nameplate.
 - 3) The extension cord must bear the CE marking

- 4) The extension cord cannot bear signs of any damage.
- 5) The cord should be arranged so that it does not drape over the countertop or table top where it can be pulled by children or tripped over unintentionally.

- Do not leave the device unattended when it is plugged in.
- When removing the plug from the socket hold its periphery. Never remove the plug from the socket by pulling on the cord.
- Do not place the power cord under furniture or other obstacles.
- DO NOT place on / near a hot gas or electric burner or in a heated oven. Make sure that power cords are away from hot surfaces, radiators and central heating pipes. Do not leave the device in direct sunlight.
- Always remove the plug from the socket before cleaning the device.
- **WARNING!** Do not operate any device with a damaged cord or plug, after the device malfunctions or if it has been damaged in any manner.
- Never use an incomplete / deficient appliance. Damaged or worn elements must be replaced immediately to those provided by the manufacturer.
- Observe the correct use of the appliance itself, as well as various accessories of the breast pump.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Close supervision is necessary when any appliance is used by a disabled person or near children.
- ALWAYS keep the appliance out of the reach of children when not in use.
- ALWAYS unplug the breast pump from electric socket when not in use.
- Do not use a breast pump AC adapter to power other devices, as well as do not connect breast pump to other AC adapter than the one provided by the manufacturer.
- If the power adapter is damaged, it must be replaced by another, purchased from the manufacturer of the device, in order to avoid danger.
- Do not attempt to repair the device yourself. All repairs should be performed by the manufacturer or distributor service only.
- Making any repairs or modifications to the product by unauthorized persons, results in loss of warranty and might cause danger to life and health.
- The manufacturer reserves the right to change the design of the product.

WARNING! FAILURE TO FOLLOW THE INSTRUCTIONS IN THIS MANUAL COULD CAUSE SERIOUS PERSONAL INJURY, LOSS OF LIFE, OR DAMAGE TO THIS EQUIPMENT.

1. The device should only be used in accordance with its intended use as described in this manual. Other uses violate the terms of the warranty.
2. Check the device before each use. Do not use if the device is damaged in any way. Instead, contact the manufacturer or distributor service.
3. Never use a product that has been dropped or has fallen on a hard surface. In this case, the product must be returned to service in order to be checked.
4. It is forbidden to use the device while taking a bath.
5. It is forbidden to use the product in locations exposed to contact with water or other liquids, e.g. near bathtubs, wash bowls, kitchen sink or shower enclosures.
6. DO NOT reach for the unit if it fell into the water or other liquid. Immediately disconnect the unit from the electrical outlet.
7. It is forbidden to use the device during sleep or in a state of excessive fatigue.
8. It is forbidden to dip the control panel and power supply equipment in the water, or clean with a wet sponge or wet material.
9. Improper use can destroy the device.
10. Use only indoors. DO NOT use outdoors.
11. The device is designed for domestic use only.
12. If the appliance has been transported at low temperatures, it should be acclimatized before use to the ambient temperature.
13. Before turning on the device, make sure it has been assembled properly.
14. To stop the pump during the cycle, touch the ON/OFF button again and disconnect the pump from the mains.
15. DO NOT use any solvents or chemicals to clean the product.

16. The product is not a toy. Use and store the pump and all its parts out of the reach of children.
17. Do not disassemble the product.
18. DO NOT use a power supply or batteries that have not been attached to the device.
19. It is forbidden to redesign and modify the product. Any action contrary to this guideline invalidate the WEEE declaration of conformity.
20. If you have any doubt about the safety of the product, please contact with distributor or manufacturer.
21. The information contained in this manual may be subject to appropriate changes on the technical side.

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. For further information on the recycling of this product, please contact the municipal authorities in their area of waste disposal service or the supplier of the product. The requirements of the WEEE directive 2012/19 / EU.



The manufacturer declares that the product complies with European Union directives and harmonized standards. It has been marked by conformity assessment procedures.

The product meets the requirements of the directive for equipment intended for use in certain voltage limits (LVD) 2014/35/EU, the Electromagnetic Compatibility Directive (EMC) 2014/30 / EU, directive RoHS 2011/65 / EU.



The AC adapter is made in the second class protection.



This product is not a toy. Keep all parts away from children. Retain the instruction for later use.

TECHNICAL DESCRIPTION

Power operation	100-240 V / 50/60 Hz / 0,35A max; outlet: 12V / 1,5A
Maximum power	8 W

INTRODUCTION

This Breast Pump is equipped with two expression phases – stimulation phase and expression phase. Each of two phases can operate up to nine levels depending on the individual needs and preferences of the user.

Breast milk is the healthiest and most valuable food for newborns and infants. It is recommended as a sole food given to your child in the first 6 months of life. After six months, it should be combined with solid food.

In the case of physiological problems, consult your doctor immediately.

USEFUL HINTS

Important safety information:

- Never use a breast pump during pregnancy because it may start a labour pain.
- If you experience problems while breastfeeding, or feeding causes pain, it is necessary to seek medical advice, before using the breast pump.
- The first use of the breast pump is best done under the supervision of specialists.
- It is recommended to read specialist literature and get to know the principles of baby feeding.

Before use, make sure that the pump has been disassembled, washed and disinfected.

Disassemble, wash and disinfect the breast pump components which come in contact with mother's milk, always before and after each use of the breast pump.

Do not wash or disinfect control panel or AC adapter.

- Ensure the overall purity of the product. Prevent the build-up of dust and other contaminants that may adversely affect the work of the product.
- Taking special care of hygiene is important to ensure the safety of mother and child.
- Elements of the device not intended for cleaning must be protected against water and moisture.

NOTE! *Insufficient suction may result in a smaller amount of milk, but too high suction can cause soreness and reduce production of milk. If you notice this type of failure, you should adjust the suction power.*

When to use a breast pump?

If possible, wait until lactation stabilizes, which usually occurs within 2-4 weeks after birth.

Exceptions to this rule:

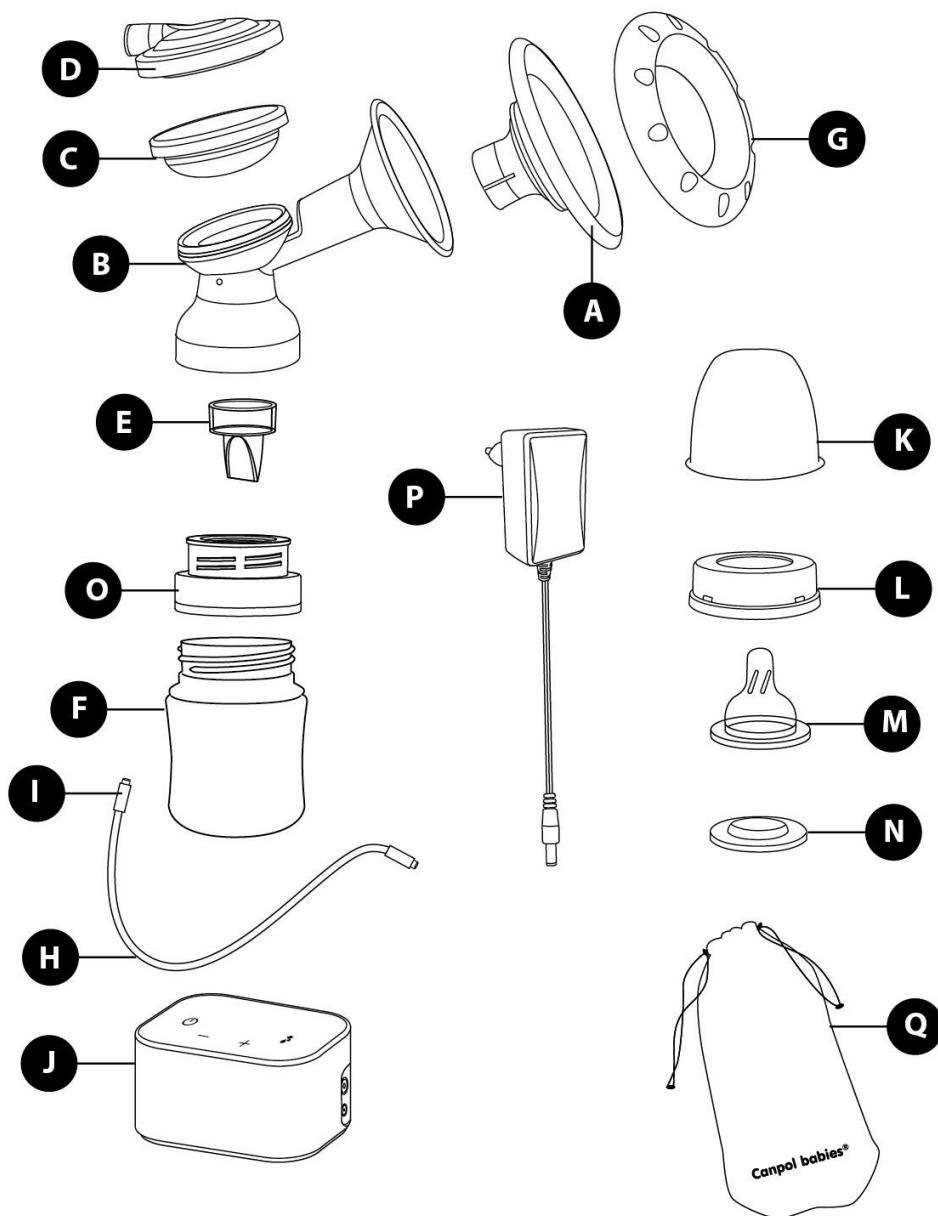
- ✓ If your breasts produce too much milk, they become swollen and hard (engorged). Expressing a small amount of milk before or during a feed can give you relief and help your baby to grasp the nipple.
- ✓ If you have inverted nipples (which may occur because of long intervals between feeds.)
- ✓ If you have a concave, flat or damaged nipples (using a breast pump can improve nipple shape).
- ✓ If you feel overflow between breastfeeds and do not want to wake the baby.
- ✓ The baby is sick and does not want to suckle.
- ✓ If your breasts produce too little milk, using the pump between feeds will help increase milk production.
- ✓ When you are working or away from home and want to continue breastfeeding, you should regularly express milk using a breast pump to sustain the natural process of lactation.

How often should you express milk?

If mother temporarily cannot breastfeed it is recommended to express milk using breast pump at least 8 times for every 24 hours. This will keep the lactation at the appropriate level. In the beginning you may experience difficulty in expressing larger amount of milk, but after a few days you will be expressing more.

Also during stabilized lactation, possibility of single expression is smaller (30-60 ml), that is why collecting one portion of milk may require several sessions.

PIC. 1 – Breast pump set



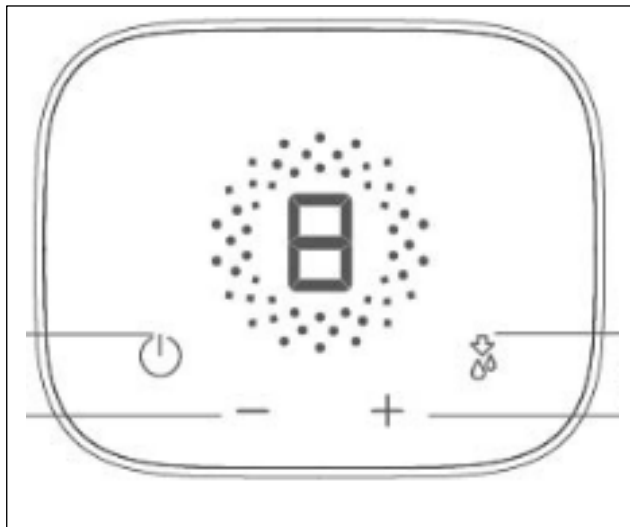
SET PARTS

- a) Silicone massaging cushion
- b) Breast pump body
- c) Membrane
- d) Membrane cap
- e) Silicone anti-return valve
- f) Bottle
- g) Dust cover
- h) Silicone tubing
- i) Tubing connector
- j) Pump unit with control panel
- k) Bottle cap
- l) Screw cap
- m) Teat
- n) Sealing disc
- o) Bottle adaptor
- p) AC adapter
- q) Storage bag

Spare parts:

- r) Silicone anti-return valve – 3 pcs
- s) Membrane – 1 pc

PIC 2 – Pump unit with control panel



Control panel description



ON/OFF button – Turning ON/OFF (pressing turns on the device automatically)



Phase button – enables changing modes

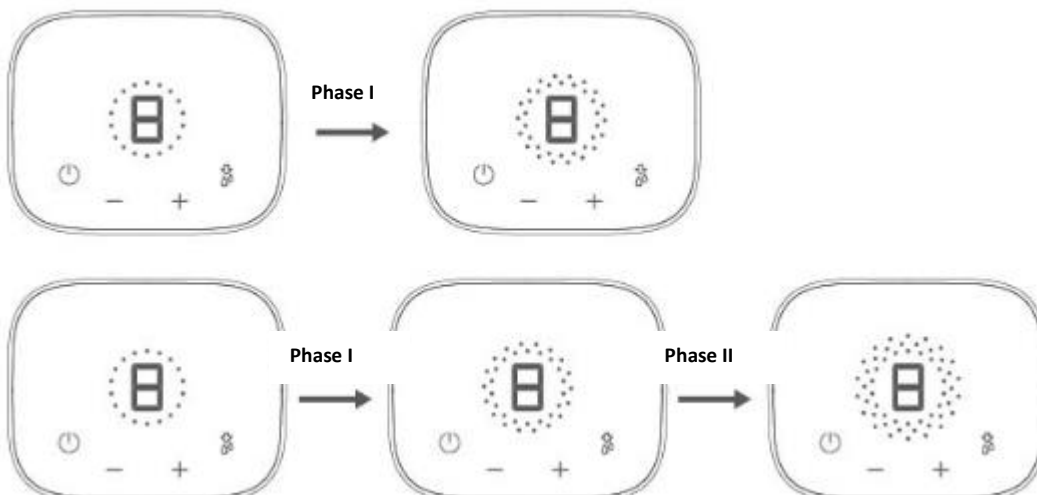


Pumping strength regulation – steps from 1 to 9 - press once to increase by one step



Pumping strength regulation – steps from 1 to 9 - press once to decrease by one step

PIC 3 – Stimulation and expression dynamic display



CLEANING AND DISINFECTION INSTRUCTIONS

Before first and each subsequent use disassemble the breast pump. Wash all components of breast pump and bottle in warm water with mild detergent, then rinse thoroughly and disinfect in accordance to rules below.

Before first use, disinfect all components which come in contact with mother's milk (membrane cap fig 1.d, membrane (fig. 1.C), breast pump body (fig. 1.B), silicone massaging cushion (fig. 1.A), dust cover (fig. 1.G), silicone anti-return valve (fig. 1.E), bottle adaptor (fig. 1.O), bottle (fig. 1.F)) by placing them for 5 minutes in boiling water. This is to ensure hygiene. **NOTE!** Do not leave components on the bottom of the pot. Stir the water during disinfecting to prevent damage to components.

- ✓ Be sure that all components are completely submerged in boiling water during disinfection.
- ✓ **Do not boil elements that don't have direct contact with mothers' milk and electric elements (fig. 1: H, I, J, P).**
- ✓ Remove all components from water immediately after boiling.

Before subsequent use, disinfect all above mentioned elements of breast pump and bottle by pouring with boiling water or placing in electric or microwave steam sterilizer, to ensure hygiene.

- ✓ **WARNING! Do not disinfect silicone tubing with connectors (fig. 1. H, I), and electric elements Do not submerge these elements in water. Wipe with disinfectant.**

After each disinfection completely, air- or towel-dry before reassembly and next use. Dried parts should be stored in an airtight container or a plastic bag. You can also use a clean towel.

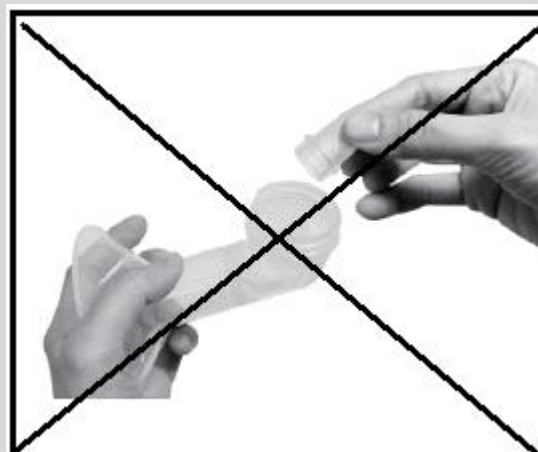
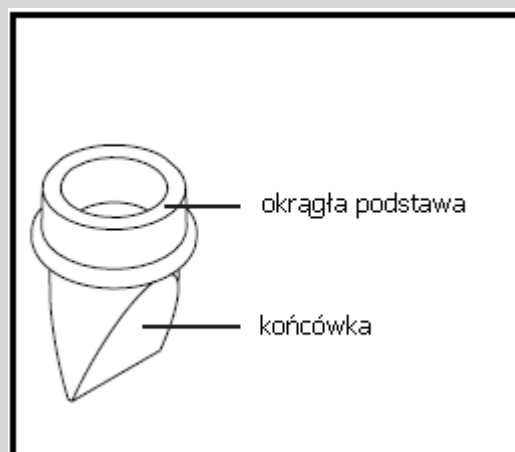
Warning! Partially dry components may affect the operation of your Breast Pump. Make sure that all parts are completely dry before use.

Washing instructions:

- ✓ Always wash the product immediately after use to remove any residual milk.
- ✓ Disconnect the tubing with connectors. These elements don't need cleaning, because the pumping membrane protects them from contact with feed.
- ✓ Clean all components of the breast pump in accordance with the instructions mentioned above.
- ✓ DO NOT use any solvents or chemicals to clean the product.
- ✓ Rinse with clean, hot water.
- ✓ If you use electric sterilizer for disinfecting elements please follow the instructions given by its manufacturer.

Anti-return valve should be cleaned very carefully. Do not allow the food to dry out in the valve.

NOTE! Always disassemble the valve by carefully pushing its rim with your finger through the goblet of the membrane at the top of breast pump body. Never grasp the end of the valve as it can get damaged and weaken the strength of suction.



Warning! Before each use, check the condition of all elements for cracks, tears, discoloration or deterioration, as they may affect the effectiveness of the device.

How to disinfect the teat?

Before first and subsequent use wash the teat with warm water then place **it** in boiling water for 5 min. This is to ensure hygiene. Clean before each use. Do not use any antibacterial agents! Inspect carefully before each use especially when baby has teeth. Pull the teat in all directions. Throw away at the first signs of damage or weakness. Do not tighten up bottle locking ring, as it may disturb its ventilation. Always check for leakage. Never enlarge the teat flow holes by any means, as it may damage the teat. Do not leave the teat in a direct sunlight, close to a source of heat, or in disinfectants (sterilizing solution) longer than recommended, as this may weaken the teat. It is recommended to replace a teat max. after 2 months of use to ensure safety and hygiene.

After use, clean the bottle and the teat from food remains, rinse and then wash thoroughly with hot water; do not boil. The bottle is dishwasher safe (max. temp. 65°C). Do not wash the teat in the dishwasher because detergents / cleaning agents can cause damage to the product.

For your child safety and health WARNING! Always use this product under adult supervision. Never use feeding teats as soothers. Continuous and prolonged suckling of fluids may cause tooth decay. Always check food temperature before feeding. Warming in microwave oven may result in locally high temperature. If warming feed in microwave, oven remember to leave the bottle open. Take particular care when heating in a microwave. Always stir heated feed to ensure even distribution of temperature and check liquid temperature before giving it to the child. Warming breast milk in microwave is not recommended. This product is not a toy. Keep all components out of the reach of children when not in use.

ASSEMBLING INSTRUCTIONS

Fig. 4.1 Place silicone massaging cushion (fig. 1.A) in the funnel and stretch the edges on the edges of the funnel (fig. 1.B) in such a way that they are tightly fitted.

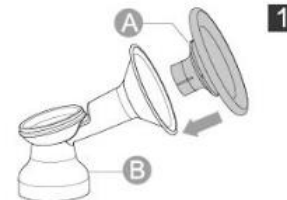


Fig. 4.2 Place the membrane (fig 1.C) in the goblet at the top of the body (fig. 1.B) so that it fits precisely and press the edges of the membrane, then apply the membrane cap (1.D).

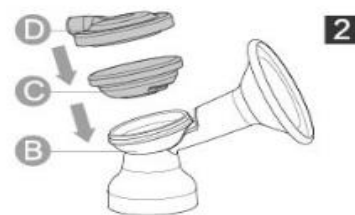


Fig. 4.3 Mount the valve (fig 1.E) in the hole underside of the breast pump body (fig 1.B) by pushing it tightly to the end.

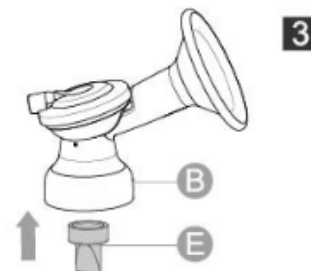


Fig. 4.4 Screw the adapter (fig. 1.O) onto the bottle (fig. 1.F). Tighten the whole set to the underside of the body (fig 1.B) so that they form a tight whole.

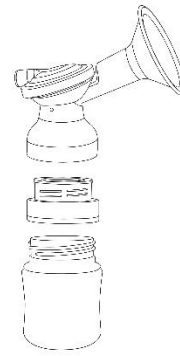


Fig. 4.5 Connect one tubing connector (fig 1.I) of the tube to the membrane cap (fig 1.D) and the other end tubing connector (fig 1.I) to the pump unit (fig 1.J). Make sure that the tube is not tangled.

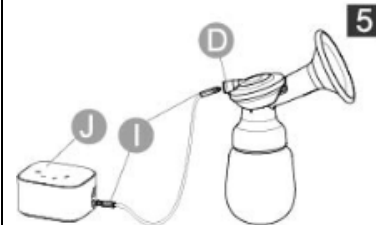


Fig. 4.6 Fit the funnel cover (fig 1.G).



Fig. 4.7 Connect the power supply plug to the DC inlet on the pump.

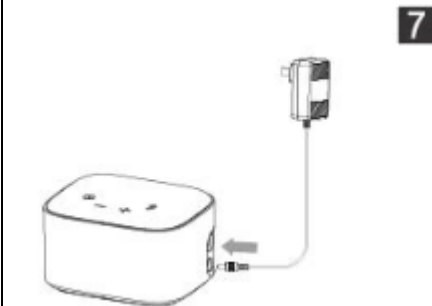
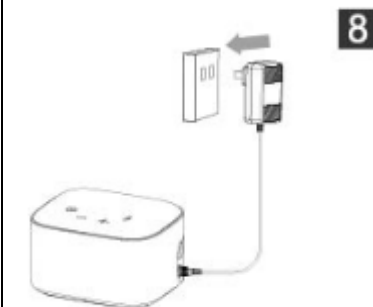


Fig. 4.8 Connect the plug to the socket.



EFFECTIVE MILK EXPRESSION WITH ELECTRIC BREAST PUMP

1. Before expressing milk wash your hands thoroughly and make sure the pump was cleaned and disinfected (remember its parts should not be hot or wet after scalding) and assembled according to the instructions. Check all the parts for correct fixing.
2. To improve effectiveness of milk expression, use the breast pump between feedings, and not immediately after feeding.
3. Before expressing shower your breasts with **warm water** - this will stimulate milk flow. Gentle breast massage toward the nipple or wrapping the breast with warm towel may also be helpful.

4. Sit comfortably with good back support and relax. Place the baby's photo in front of you or express milk in his presence - eye contact with your child stimulates lactation. Do not express milk when you are stressed or tired, as this inhibits milk flow.
5. Place the nipple deep into the funnel and press the breast massage pad so that it tightly covers the breast, preventing air outflow. Otherwise milk expression is ineffective.
6. Pumping should create vacuum, necessary for proper breast pump performance.
7. Do not try to move away from the main part of the pump at a time when the device produces a vacuum. Turn the machine off, place your finger between the breast and silicone massaging cushion, unhook the funnel off the breast and move the pump.
8. You should not feel the pain while expressing the milk. If you feel discomfort, reduce the suction level or turn the pump off. Then carefully check the breast. If you see a red or hot area of it, contact your midwife or doctor.
9. To increase the speed of the flow during expressing **bend slightly forward** (when the breast is well filled, milk drops may often flow out in this position even without compressing the areola). However, remember to hold the bottle in an upright position, and make sure you are sitting comfortably.
10. In the beginning express milk from each breast for only a few minutes. Do not expect to immediately fill the bottle. As you get used to expressing the amount of milk will increase.
11. When the milk stops flowing, put the breast pump to the other breast.
12. Remember that you need about 10 minutes to express 60/120 ml of milk. The amount of milk expressed at different times can vary.
13. When you finish expressing, remove the breast pump body, disassemble the device, wash its parts in warm water with mild detergent, and rinse thoroughly. Dry all parts thoroughly on a cloth or on a bottle and teat drainer.
14. You can feed your child immediately with the expressed milk after screwing on the cap with the teat included in the package.

PUMPING INSTRUCTIONS

WARNING! Be very careful during the assembling and disassembling of the pump to avoid damaging the components.

Before each use:

- ✓ Wash your hands thoroughly before using the pump.
- ✓ Ensure that the pump is pre-washed and dried, if not, follow the instructions located in section "CLEANING AND DISINFECTION INSTRUCTIONS".
- ✓ Ensure that there is no liquid or moisture in the silicone tubing. Never operate the pump if you notice any water in the silicone tube.


***Note!** Do not mouth blow the silicone tube in order to remove water.*


Connect tubing set with breast pump and pump unit (fig. 1.J). Put one end in the opening of membrane cap (fig. 1.D) and the second in the port (fig. 1.J) placed on the control panel. Press connectors to ensure that they fit in the openings tightly.

Warning! Ensure that there is no liquid or moisture in the silicone tubing. (eg. water remaining after the last wash).

Hold assembled breast pump to your breast so that your nipple is centred inside the breast cushion.

NOTE! It is important that the silicone cushion clings tightly to the breast, otherwise the suction may be reduced.


The pump unit is equipped with a touch panel. Touch the ON / OFF sign  to start pumping. The breast pump will switch on and immediately start working in the stimulation phase. When first used, the breast pump will switch on to stage 1. Each next time it will switch on at the last used stage in stimulation mode.

When milk appears, press the phase change button  to enter the expressing phase. The button allows you to freely and repeatedly switch between phases of stimulation and expressing.

If you do not change the phase yourself, after 2 minutes of the stimulation phase, the pump unit will switch automatically on lately set stage of expressing phase.

Attention! After each change of the expressing phase, the operating time of the selected phase is counted from the beginning.

ATTENTION! *The breast pump switches off automatically after 30 minutes of work.*

If you want to stop expressing before the automatically set time expires, touch the ON / OFF sign  and turn off the breast pump.

ATTENTION! *When putting the breast pump away from the breast, make sure the pump it is not working. If necessary, the breast pump can be put aside during pumping by inserting a finger between the silicone cushion and the breast (just like a child is left standing from the breast).*

After finishing, pull out the power supply plug from socket. Do not leave the device connected to the power supply if it is not used.

SUCTION LEVEL

Whenever you select a suction level (in both stimulation & expression phase), your Breast Pump remembers it until you change it yourself.

To set your preferred suction level:

1. In stimulation phase, adjust the suction to the level you find most comfortable by touching the icons up (+) or down (-).
2. In expression phase, adjust the suction level to the highest effective, yet still comfortable, level by touching the icons up (+) or down (-).

If milk gets under the silicone massaging cushion, reduce the suction level so that milk keeps up flowing into the bottle.

MILK STORAGE

1. Due to the active biochemical and microbiological processes occurring in the milk, it is important to maintain a constant temperature of storage.
2. The mother's milk should be stored in a bottle, specialized sterile bags or sealed containers with a lid (which should be disinfected before use).
3. Mark the date of each container with expressed breast food.
4. Freeze only fresh milk. Do not fill the container completely as frozen breast milk increases its volume.
5. Breast milk can be heated in the same way as any other feed (but never in the microwave as this may destroy valuable nutrients and antibodies).
6. Frozen breast milk can be defrosted overnight in the refrigerator then warmed gradually in bottle warmer or hot water.

7. Shake the container to combine separated fat molecules with the remaining volume of milk.
8. DO NOT store milk on the shelves placed on the refrigerator door.
9. NEVER refreeze defrosted milk.
10. DO NOT add fresh breast milk to already defrosted milk.
11. DO NOT add fresh breast milk to already frozen milk for storage.
12. NEVER heat breast milk by boiling or putting it in the microwave.
13. ALWAYS check milk temperature before feeding.
14. Throw away any left-over breast milk after the feed.

Milk status	Temperature (°C)	Recommended time of storage
Fresh milk	+4	up to 96 hours
	from +4 to +15	maximum 24 hours
	+19 ⁰ C to +25 ⁰ C (room temperature)	optimally up to 4 hours
	from +25 to +37	maximum up to 4 hours
Frozen milk	-20	optimally 3-6 months
Thawed milk	+4	up to 24 hours (since total thaw)
	from +25 to +37	maximum up to 4 hours

The Breast Pump is a personal equipment. It can't be exchanged or refunded and it is covered by a manufacturer's warranty. Remember that the basis of the complaint must be accompanied by proof of purchase.

EACH MODEL OF THE BREAST PUMP IS TESTED IN TERMS OF USABILITY BEFORE INTRODUCING IT TO THE MARKET.

Please remember that if you experience lactation problems resulting in your child inability to empty the breast, the breast pump may also prove ineffective.

WARNING!

- Do not use this product for purposes other than those listed in the attached instruction.
- Do not place the product near sources of fire.
- Before using the pump, make sure that all parts were assembled correctly.
- Immediately stop using the breast pump if you feel breast or nipple discomfort.
- Wash your hands before using the product.
- Keep the product out of the reach of children.
- Do not drop the product to avoid any damage.
- To avoid burns do not touch the product elements with bare hands immediately after sterilization in boiling water.
- Do not resale your device.

TROUBLESHOOTING

While using the breast pump you may encounter small difficulties. Before you decide to place the claim, try to solve these minor problems by yourself. Here are some useful tips.

Pain when using the breast pump:

- ✓ Put a warm compress on your breast and wait 5 minutes, use the breast pump again.
- ✓ Increase the suction level gradually, each time by 1 degree
- ✓ If the above steps do not solve the problem, stop using the breast pump and consult your doctor.

Breast pump doesn't work

- ✓ Check that the power supply is correctly connected to the DC inlet on the pump unit.
- ✓ If the breast pump still does not work, contact the place of purchase or the distributor.

The suction power is too low or zero:

If you have observed a weakening in the suction power, do the following.

- ✓ Make sure that the breast pump has been assembled correctly and all connections between the elements are made correctly.
- ✓ Check that the valve is located tightly in the body and is not damaged. This element is crucial to achieving the right suction power. If it has been damaged, replace it with a new one. The spare valve was included in the kit.
- ✓ Check if the breast tightly adheres to the body with the funnel.

The food is collected in a silicone massaging cushion:

- ✓ Make sure you are holding the breast pump correctly. The bottle should be in a vertical position.

Reverse of milk

- ✓ If the milk or water is in the silicone bladder or tubing, clean it according to the instructions. Stick to the principle of "dry completely before use."
- ✓ Check if silicone bladder is not damaged."