80mm

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Designed in New Zealand. Made in China.
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MANUFACTURED FOR THINK GREEN LIMITED NEW ZEALAND.
Address: 63 Riverland Road, Rd 2, Kumeu, 0892, New Zealand

Operation Condition:
41°F to 104°F; 15% to 93% RH (non-condensing); 70.0 to 106.0 kPa

Storage conditions:
-13°F to 158°F; 15% to 93% RH (non-condensing); 70.0 to 106.0 kPa
Atmospheric ambient pressure of transport: 70.0 to 106.0 kPa

MD

120mm

For OTC Type of Use

haakaa®



Electric Breast Pump

E-Ladybug™

Wearable Electric Breast Pump

Scan to watch the tutorial video

REF H9-E10754

120mm

封面背面



Product Description

Designed to make every pumping session easier, the Haakaa E-Ladybug™ Wearable Electric Breast Pump combines powerful performance with everyday convenience. Choose from 3 pumping modes and 12 adjustable suction levels to match your body's needs, while gentle micro-vibrations help encourage natural milk flow.

Its slim, lightweight design fits discreetly inside your bra, giving you the freedom to pump hands-free no matter where you are. The unique air valve creates a seal for reliable suction and ensures leakproof milk collection while maintaining comfort during use. With whisper-quiet operation and a leak-free collection cup (up to 180ml), you can express milk in peace, day or night.

Our standard, ergonomic flange has four extra flange inserts in different sizes to ensure a secure, comfortable fit for different breast shapes and nipple sizes, and with fewer parts to have to wash, you'll spend less time on cleanup and more time on what matters most.

Model & Name	H9 Electric Breast Pump
Charging Input	DC 5V/1A/2A
Power Supply	DC 3.7V/1000mAh Rechargeable Li-ion Battery
Rated Power	5W
Dimension (±5mm)	133 x 110 x 67mm
Noise	50dB(A)
Display	02::
Mode & Vacuum Range	Stimulation Mode: L1-L12 Expression Mode: L1-L12 Depth Mode: L1-L12
Operating Conditions	Temperature: +5°C ~ +40°C, Humidity: 15% ~ 93%, Atmospheric Pressure: 70 kPa to 106 kPa
Storage Environment	Temperature: -25°C ~ +70°C, Humidity: 15% ~ 93%, Atmospheric Pressure: 70 kPa to 106 kPa
Mode of Operation	Continuous Operation

Materials: Electric Motor - ABS
Collection Chamber - PP
Collection Cup - Food-Grade Silicone, PA
Chamber Cover - PA
Inner Shield, Flange, Air Valve - Food-Grade Silicone

Volume: 6 oz. / 180ml
Battery Capacity: 1000mAh
Cycle Life of Battery: 500 times
Recommended Replacement Period for Washable Parts: 3 Months

Contents:
1 x Electric Motor
1 x Collection Chamber
1 x Collection Cup
1 x Chamber Cover
2 x Silicone Inner Shields
1 x 15mm Silicone Flange
1 x 18mm Silicone Flange
1 x 21mm Silicone Flange
1 x 24mm Silicone Flange
1 x USB Type-C Charging Cable
1 x Silicone Air Valve
1 x Paper Nipple Measurer

Intended Use
The electric breast pump is intended to be used by lactating women to express and collect milk from their breasts. It is intended for a single user.

Contraindications
Never use the breast pump while you are pregnant, as pumping can induce labour. Do not use if there is an active skin infection, open wound, or severe lesion on the breast or nipple.

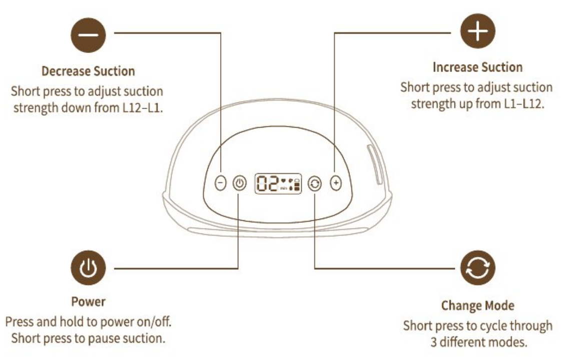
Adverse reactions
Excessive vacuum pressure or incorrect flange sizing may cause nipple pain, tissue bruising, or skin abrasions.

Product Diagram



1. Electric Motor
2. Charging Port with Silicone Cover
3. Collection Cup
4. Silicone Air Valve
5. Collection Chamber
6. Pouring Spout
7. Silicone Inner Shield
8. Chamber Cover
9. Decrease Suction
10. Power
11. LED Display Panel
12. Change Mode
13. Increase Suction
14. Flange Inserts

Button Overview



Decrease Suction
Short press to adjust suction strength down from L12–L1.

Increase Suction
Short press to adjust suction strength up from L1–L12.

Power
Press and hold to power on/off.
Short press to pause suction.

Change Mode
Short press to cycle through 3 different modes.

Display Panel Indication



Stimulation Mode
Fast and shallow pace mimics baby's sucking to stimulate letdown. Best for initiating pumping.

Expression Mode
Deep, slow pace efficiently promotes milk flow. Ideal for regular pumping.

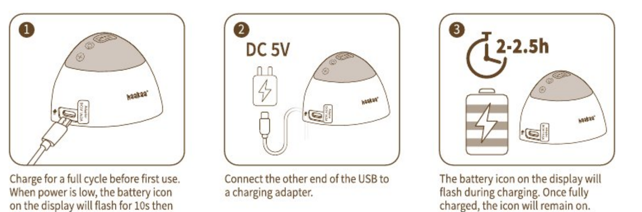
Depth Mode
Strong, deep suction to efficiently empty the breasts. Best when you need maximum output. This mode is suitable for use only under the guidance of your maternity carer or lactation consultant.

Battery level
Indicates battery charge remaining. When low, battery icon will flash for 10 seconds before the pump turns off.

Timer
After pressing the power button to pause, the panel will show how many minutes of the session have elapsed.

NOTE: The display screen will automatically turn off after 20 seconds of no button operation. Press any button to turn the screen back on. Suction and mode can only be adjusted while pump is in use, not while paused.

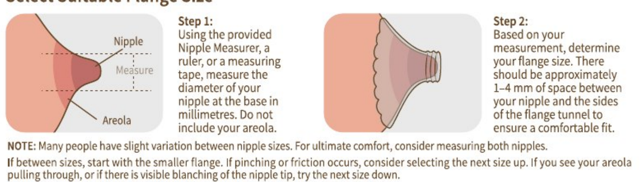
Charging Instructions



1. Charge for a full cycle before first use. When power is low, the battery icon on the display will flash for 10s then turn off automatically. To charge, insert the USB plug into the pump's charging port.
2. Connect the other end of the USB to a charging adapter.
3. The battery icon on the display will flash during charging. Once fully charged, the icon will remain on. Charging the device takes approximately 2-2.5 hours.

PLEASE NOTE:
We recommend you only use the charging cable that comes with the product. Other charging cables may affect normal usage.
If the pump isn't used regularly, make sure to charge it every two months to maintain battery capacity.
Do not switch on this product while it is charging.
If the USB cable is damaged, discontinue use.
Use DC 5V/1A or 5V/2A only. Do not use high-voltage or fast-charging adapters. Use only certified USB-C to Type-C adapters rated for 5V output.

Select Suitable Flange Size



Step 1:
Using the provided Nipple Measurer, a ruler, or a measuring tape, measure the diameter of your nipple at the base in millimetres. Do not include your areola.

Step 2:
Based on your measurement, determine your flange size. There should be approximately 1–4 mm of space between your nipple and the sides of the flange tunnel to ensure a comfortable fit.

NOTE: Many people have slight variation between nipple sizes. For ultimate comfort, consider measuring both nipples.
If between sizes, start with the smaller flange. If pinching or friction occurs, consider selecting the next size up. If you see your areola pulling through, or if there is visible blanching of the nipple tip, try the next size down.
You may find it helpful to measure your nipple again during use, as the size may change while pumping. We also recommend remeasuring at 6-8 weeks postpartum (for those who have started pumping earlier), or at any time comfort and/or milk yield changes.
For further information, contact your local IBCLC or lactation and maternal health provider.

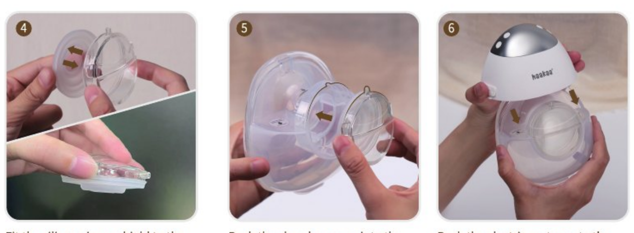
	Flange Inserts				Collection Cup Flange
	15mm	18mm	21mm	24mm	27mm
	Up to 14mm	Up to 17mm	Up to 20mm	Up to 23mm	Up to 26mm

Assembly Instructions



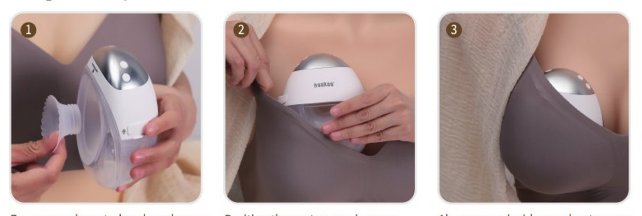
1. Firmly insert the silicone valve into the RECTANGULAR hole in the chamber. The rounded flap should cover the adjacent ROUND hole, and the extension should curve around the opening (see image above).
PLEASE NOTE: The valve is essential for maintaining suction; ensure you take care when removing, cleaning and storing it to avoid it becoming lost.
2. Push the upper part of the container firmly into the top of the collection cup until it is fully seated. Press all edges so the cup fits over the outer rim of the chamber firmly with no gaps. Ensure cup and chamber are well secured all around.
PLEASE NOTE: Do not pull, bend, or peel the top edge of the flange, as this may result in damage or deformation.
3. Align the centre hole then push to match the indication line on the chamber.

Assembly Instructions Continued



4. Fit the silicone inner shield to the chamber cover. Ensure there are no gaps. The shield should be sitting on top of the chamber cover like a lid and should not fall off if turned upside down.
5. Push the chamber cover into the centre hole of the exterior of the collection chamber, with the silicone shield facing inwards.
Note: The cover is designed to fit securely. You will need to firmly push in place.
6. Push the electric motor onto the top of the collection chamber. You will hear a 'click' when assembled correctly.

Using the Pump



1. Ensure your breasts, hands and pump are clean. Select the appropriate flange and insert it into the centre hole of the collection cup (if needed). Make sure the flange rim fits snugly into place. Some wrinkling of the flange is normal. If your nipple measurement indicates you should use the collection cup flange, do not insert any of the extra flanges.
2. Position the centre opening over your nipple, ensuring it is properly aligned and comfortable. The edge of the flange should not press against your nipple.
3. Always wear inside your bra to pump based on your needs.

Using the Pump Continued



4. Switch on the breast pump and choose your preferred mode and suction level. Start on a gentle setting and adjust gradually for comfortable and effective milk expression.
5. After pumping, switch off the pump and wait for 3-5 seconds. Then, gently insert a finger to break the seal around the pump and remove it from your bra.
6. Remove the electric motor from the top then transfer your milk via the pouring spout into a clean, sterilised container for safe storage.

NOTE: By default, the pump starts in stimulation mode with level 2 suction.
Suction and pumping mode cannot be adjusted while pumping is paused. Unpause to make changes.

Storage Guidelines

Guidelines are for reference only. ALWAYS check and follow your country's specific guidelines and recommendations to safely express and store breastmilk.



Fresh	Fridge	Frozen
Room temperature (<26°C): Up to 4 Hours	Refrigerated (2-4°C): Up to 72 Hours	Freezer box in refrigerator: Up to 2 Weeks Separate door freezer: 3-6 Months Deep freeze: 6-12 Months

IMPORTANT!
These times start from when the milk was expressed, not when it was placed in the fridge or freezer. Volume measurements are an approximation and should be used for general reference only.
Never thaw or heat breastmilk in a microwave, on a stove, or in boiling water. This may destroy nutrients and cause hot spots that can burn your baby. Once thawed, do not refreeze. Use within 24 hours of being thawed if kept refrigerated, or within 2 hours at room temperature.

Warning Instructions 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/precautions symbols	
Warning	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
Caution	Means a possibility of personal injury or property damage in case of improper use.
Notes	Indicates the need for attention; if not followed, this may lead to incorrect use of the product or property device damage.

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

Warnings

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 should 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 an electrical product that has fallen into water; please unplug the power adapter from wall outlet immediately.
4. The electric breast pump is a personal care item and for hygiene reasons should never be shared between users or resold from one user to another. Either of these actions will void the warranty.
5. If you are infected with Hepatitis B, Hepatitis C or Human Immunodeficiency Virus (HIV), pumping breastmilk using the electric breast pump will not reduce or remove the risk of transmitting the virus to your baby through your breastmilk.
6. Close supervision is necessary when product is used near children. Do not allow children or pets to play with the motor unit, packaging materials or accessories.
7. Use product only for its intended use as described in this manual.
8. Do not use attachments or other milk collection components other than those recommended by the manufacturer.
9. Check the power adapter before charging. Never use a damaged power adapter.
10. Never leave product unattended while charging.
11. Keep the product and all attachments away from heated surfaces.
12. Never use 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 the charging cable.
16. Users are not allowed to repair the product. If you do so, your warranty becomes invalid. For repairs, send 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. If discomfort is felt, suction can be broken by inserting a finger between the breast and the flange.
19. If irritation or discomfort occurs, discontinue use and see a doctor.
20. Powered breast pumps that are designed for single users should never be rented or shared.

Warnings

For product service life (i.e. working life)
This device has no shelf life. Please check whether the product is running normally before use. Use beyond the service life may lead to degradation of product performance; e.g., if the product cannot control the vacuum correctly, excessive vacuum may cause injury.

Caution

- Do not place or store where product can fall or be pulled into the bathtub, sink, pool or other water source.
- Do not place or drop product into water or any other liquid.
- 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 pain develops, or problems occur while using your breast pump, please consult your healthcare professional or lactation consultant.
- Consult a medical professional if you have mastitis, cracked or bleeding nipples, or any breast infection before use. If pain develops, or problems occur while using your breast pump, please consult your healthcare professional or lactation consultant.
- Avoid direct sunlight.
- We do not recommend using a UV steriliser to sterilise this product. Use of such a steriliser may impact the lifespan of this product, degrade the materials, cause discolouration, or result in deformation.
- We do not recommend pumping for extended periods of time. Please find a duration that feels comfortable for you and do not push beyond your limits. Many users will find milk flow slows or stops before 20 minutes. End the session when flow stops, as pumping past empty does not increase yield and may cause discomfort or nipple trauma.

Battery Use

- Ensure your power adapter matches the breast pump's specifications. Using an incompatible power adapter may cause malfunction or safety risks.
- Do NOT attempt to open and/or replace lithium battery.
- This product does not include a power adapter. Use only with USB power adapters compliant with IEC 60601-1.
- Use only 5V/1A or 5V/2A standard USB adapters. Do not use fast-charging (e.g., 9V/12V) or non-standard adapters.
- Use only certified USB-C to Type-C adapters rated for 5V output.
- Avoid prolonged continuous charging whenever possible, as overcharging may lead to battery overheating and increase the risk of device malfunction or injury.
- The device should always be charged by adults only.
- Only use the charging cable that comes with the product. Do NOT use incompatible chargers.
- This product contains a lithium battery. Please dispose of it at a certified battery recycling drop off point.
- The USB Type-C port and battery may short-circuit if exposed to metal or liquids. Handle with care.

Notes

- Read these instructions carefully before first use to familiarise yourself with how the Haakaa E-Ladybug™ Wearable Electric Breast Pump works.
- Using a breast pump should not cause pain. If you notice redness, heat, or inflammation on your breasts, stop use and consult a healthcare professional.
- Every person produces milk differently, and amounts may vary from one breast to the other or at different times of the day.
- Encourage let-down by applying a warm flannel to your breast prior to pump use and massaging gently. When the pump is full, transfer the milk into a clean, sterilised storage container or bottle, then reposition the pump if needed.
- The inner shield and air valve are important components of the suction system; please ensure they are correctly installed.
- Store this product, including all parts properly and keep out of reach of children and pets.
- Only use original accessories to ensure safety and performance.

Cleaning & Care

Providing breastmilk is one of the best things you can do for your baby's health and development. Pumping your milk is one way to provide breastmilk to your baby.

Keeping the parts of your pump clean is critical, because germs can grow quickly in breastmilk or breastmilk 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 breastmilk safely.

BEFORE EVERY USE
Inspect, disassemble and clean all parts except the electric motor. Clean pump buttons, power switch, and countertop with disinfectant wipes.

AFTER EVERY USE
TIP: See product diagram on page 4 to confirm part names.

- **Store milk safely:** Cap milk bottle or seal milk collection bag, label with date and time, and immediately place in a refrigerator, freezer, or cooler bag with ice packs.
- **Clean pumping area:** Clean the buttons, power switch, and countertop with disinfectant wipes

Clean and disinfect all parts that come into contact with breast and breastmilk (i.e. collection cup, chamber, chamber cover, inner shield, flange and air valve) before you use the breast pump for the first time and after every use.

Step 1: Before cleaning

Please wash your hands well with soap and water for 20 seconds.
Make sure that you remove the valve from the breast pump and handle and store it with care.

Remark:
The inner shield has an anti-backflow function to prevent milk backflow, i.e., the breastmilk passing from the flange body to the motor. The chamber cover does not come in contact with expressed breastmilk. The diagram includes the chamber cover only to demonstrate the disassembly process.

Step 2: Cleaning

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

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

Manual cleaning
- 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

- Rinse pump parts (i.e. all plastic and silicone parts, except the motor) and any other feeding items by holding them under running water to remove remaining milk or dirt. The water can be warm or cold.

Wash pump parts
- Place pump parts 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.
- Fill wash basin with hot water and add soap.
- Scrub items using a clean brush used only for infant feeding items.

(1) Rinse again: Rinse by holding items under running water, or by submerging in fresh water in a separate basin that is used only for cleaning infant feeding items.
(2) Air-dry thoroughly: Place pump parts, wash basin, and bottle brush on a clean, unused dish towel or paper towel in an area protected from dirt and dust. Do not use a dish towel to rub or pat items dry because doing so may transfer germs to the items!
(3) Clean wash basin and bottle brush: Rinse the wash basin and brush well and allow them to air-dry after each use. Wash them every few days by hand with soap and warm water. If your baby is 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, sanitise all parts that come in contact with milk, wash basin, and bottle brush at least once daily after they have been cleaned. Items can be disinfected using boiling water with a sanitise setting. Sanitising 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 pump parts, please refer to step 3.

Step 3: Disinfection

Before disinfection, make sure you have cleaned feeding items, bottle brushes, and wash basins using the methods in steps 1 & 2. Disinfect all items in contact with milk (even the bottle brush and wash basin!) by using the following methods:

Prepare the below items:
- A household pot
- Drinking-quality water
- Clean tongs

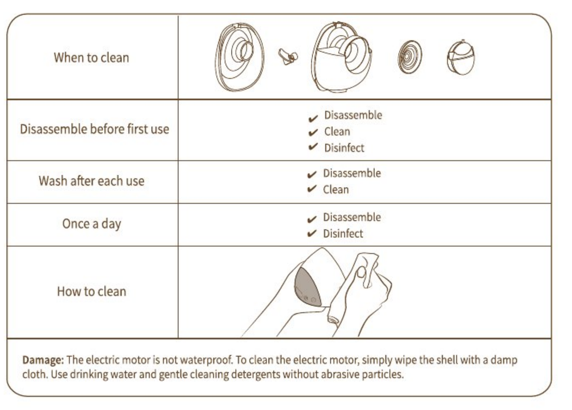
Caution
During disinfection with boiling water, prevent the bottle or other parts from touching the side of the pot. This can cause irreversible product deformation or damage.

1. Place the disassembled pump parts in the pot and fill the pot with enough water to cover the components to be disinfected. Let the water boil for 2-3 minutes, making sure the parts do not touch the side of the pot.
2. Remove items with clean tongs, taking care to avoid burns.
3. Air-dry thoroughly.

Step 4: Store Safely

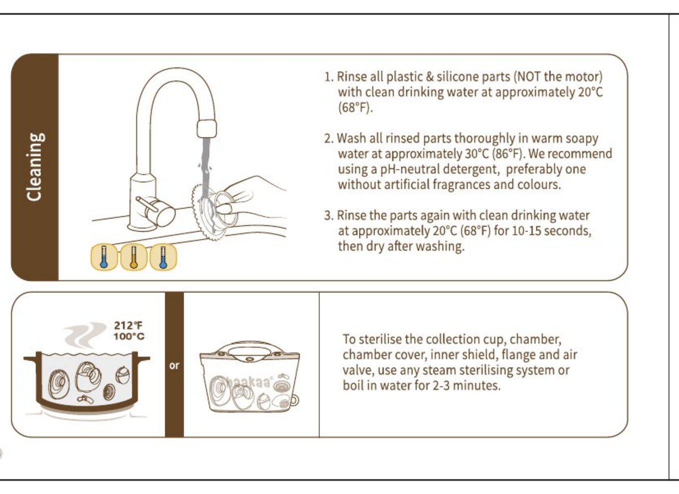
Store dry items safely until needed. Ensure the clean pump parts, bottle brushes, and wash basins have air-dried thoroughly before storing. Items must be completely dry to help prevent germs and mould from growing. Store dry items in a clean, protected area to prevent contamination.

1. **Wash hands:** Wash hands well with soap and water.
2. **Reassemble:** 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.



When to clean	
Disassemble before first use	✔ Disassemble ✔ Clean ✔ Disinfect
Wash after each use	✔ Disassemble ✔ Clean
Once a day	✔ Disassemble ✔ Disinfect
How to clean	

Damage: The electric motor is not waterproof. To clean the electric motor, simply wipe the shell with a damp cloth. Use drinking water and gentle cleaning detergents without abrasive particles.



1. Rinse all plastic & silicone parts (NOT the motor) with clean drinking water at approximately 20°C (68°F).
2. Wash all rinsed parts thoroughly in warm soapy water at approximately 30°C (86°F). We recommend using a pH-neutral detergent, preferably one without artificial fragrances and colours.
3. Rinse the parts again with clean drinking water at approximately 20°C (68°F) for 10-15 seconds, then dry after washing.

To sterilise the collection cup, chamber, chamber cover, inner shield, flange and air valve, use any steam sterilising system or boil in water for 2-3 minutes.

The washable parts can be cleaned and sterilised as below. **NEVER** wash or sterilise pump motor.



IMPORTANT!
We recommend carefully detaching, handwashing, and then sterilising by boiling in water or steam sterilising. Due to the air valve's size, we do not recommend putting it in the dishwasher.

Electromagnetic Compatibility Caution

Warnings

- 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 electric 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 electric breast pump. Please do not use the electric 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 electric breast pump. Please do not use the electric breast pump near these places. If you have to go through one of these devices, turn off your electric breast pump. Before each use, check the status of your electric breast pump to ensure it is operating 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 your electric breast pump near this equipment.

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

Cable name	Cable length	Weather shielding
Charging line	1000±50mm	No

Guidance and manufacture's declaration – electromagnetic emission

The electric breast pump is intended for use in the electromagnetic environment specified below. The user of the electric breast pump should ensure that it is used in such an environment.

Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The electric breast pump uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The electric breast pump is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Guidance and manufacture's declaration – electromagnetic immunity

The electric breast pump is intended for use in the electromagnetic environment specified below. The user of the electric breast pump should ensure that it is used in such an environment.

Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines.	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Surges IEC 61000-4-5	±0.5kV, ±1kV lines to lines; ±0.5kV, ±1kV, ±2kV lines to earth	±0.5kV, ±1kV lines to lines.	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.
Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	

Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6.765 MHz to 6.795 MHz; 13.553 MHz to 13.567 MHz; 26.957 MHz to 27.283 MHz; and 40.66 MHz to 40.70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.

Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare environment.
Voltage dips IEC 61000-4-11	0% UT, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% UT, 1 cycle and 70% UT, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.
Voltage interruptions IEC 61000-4-11	0% UT, 250/300 cycle	Applicable	

NOTE: UT is the a.c. mains voltage prior to application of the test level.
E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.

Guidance and manufacture's declaration – electromagnetic immunity

The electric breast pump is intended for use in the electromagnetic environment specified below. The user of the electric breast pump should assure that it is used in such an environment.

Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment - guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band a) (MHz)	Service a)	Modulation b)	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380 – 390	TETRA 400	Pulse modulation b) 18 Hz	1.8	0.3	27
450	430 – 470	GMRS 460, FRS 460	FM c) ± 5 kHz deviation 1 kHz sine	2	0.3	28
710	704 – 787	LTE Band 13, 17	Pulse modulation b)	0.2	0.3	9
745						
780						
810	800 – 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation b) 18 Hz	0.2	0.3	28
870						
930						

1720	380 – 390	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation b) 217 Hz	2	0.3	28
1845						
1970						
2450	2400 – 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation b) 217 Hz	2	0.3	28
5240	5100 – 5800	WLAN 802.11 a/n	Pulse modulation b) 217 Hz	0.2	0.3	9
5500						
5785						

NOTE: If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- For some services, only the uplink frequencies are included.
- The carrier shall be modulated using a 50% duty cycle square wave signal.
  As an alternative to FM modulation, 50% pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Troubleshooting

Problem	Solution
Uncomfortable Fit	Try different flange insert sizes for the best fit. Included sizes: 15mm (fits 11-14mm nipples), 18mm (fits 14-17mm nipples), 21mm (fits 17-20mm nipples), 24mm (fits 20-23mm nipples). Cup opening without a flange insert is 27mm (fits 23-26mm nipples). Confirm your nipple size using the included nipple measurer.
Little or No Suction	Check that the collection chamber is clean and properly sealed, with the valve, inner shield & cover securely in place without shifting. Make sure the silicone flange fits snugly against the breast. Ensure all accessories are clean, dry, and correctly assembled.
Breast Pump Does Not Operate	Confirm that the breast pump is charged. Plug in to charge if required then try again.
Milk Leakage	Switch off the pump and wipe dry with a clean, damp cloth. Reassemble only after all parts are completely dry. Ensure all parts are properly assembled and sealed.
Milk is Not Being Expressed	Check that the pump is assembled correctly and suction is active. If no milk is expressed, relax and try again, or consult a doctor or lactation consultant.

NOTE: If troubleshooting chart does not resolve your product issue, please discontinue use and contact your nearest Haakaa stockist.

Travel and International Usage Guidelines

The Haakaa E-Ladybug™ Wearable Electric Breast Pump's performance may be compromised by external factors associated with travel. Due to the unpredictable and potentially unstable nature of travel environments, we recommend that this pump not be used while travelling or aboard an aircraft.

The Haakaa E-Ladybug™ Wearable Electric Breast Pump is suitable for international use. However, it must be operated and stored in accordance with the specifications in this user manual. When using it internationally, you must ensure the input power requirements for your power adapter are AC 100-240V 50/60 Hz. The output power must be DC 5V/1A or 5V/2A. You must also use an appropriate converter to match the voltage of the destination country.

To ensure the Haakaa E-Ladybug™ Wearable Electric Breast Pump is not damaged during transport, please inspect the following items before using it:

- Verify that the Haakaa E-Ladybug™ Wearable Electric Breast Pump is free from any visible damage or cracks.
- Before every use, check the status of your Haakaa E-Ladybug™ Wearable Electric Breast Pump to confirm that it is operating normally.

Important: If you detect any damage, malfunctions or abnormalities, you must immediately stop using the pump.

Product Disposal Guidelines

At the conclusion of the product's lifespan, this device should not be placed into general household refuse. In alignment with environmental best practices, the product must be taken to a designated collection point for the recycling of electronic equipment and batteries.

Improper disposal of electrical and electronic equipment waste carries the potential for harmful effects on the environment. Incorrect disposal can result in the accumulation of toxic materials in the air, water, and soil, which may be detrimental to public health. Therefore, proper disposal of this device is required to mitigate these environmental risks. We encourage users to consult their local council or waste disposal authority for specific guidance regarding collection points and disposal procedures in their area.

Warranty & Support

Haakaa warrants this product to the original consumer purchaser (hereafter referred to as "the purchaser") against defects in materials and workmanship under normal use and conditions.
This warranty applies only to the original purchaser and is non-transferable.

- These electric pump motors are warranted for a period of 24 months from the date of purchase.

The warranty is immediately voided if the product is:
- Misused, abused, or altered.
- Used commercially.
- Sold or otherwise transferred to another person.
- Used with non-Haakaa brand replacement parts.
- Improperly or incorrectly maintained or repaired.
- Subjected to conditions that violate product instructions (e.g., placing the motor in water, improper sterilisation methods).

Liability is expressly excluded for all direct or indirect consequential loss or damage arising from the use or failure of this product. The acceptance of a warranty claim concerning the product does not alter this exclusion.

Warranty & Support Continued

THIS PRODUCT COMES WITH NO IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A SPECIFIC PURPOSE, UNLESS SUCH DISCLAIMERS ARE PROHIBITED BY LAW. HAAKAA WILL NOT BE RESPONSIBLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES ARISING FROM A BREACH OF THE EXPRESS LIMITED WARRANTY OR ANY LEGALLY IMPLIED WARRANTIES. THE ONLY WARRANTY FOR THIS PRODUCT IS THE EXPRESS LIMITED ONE DESCRIBED PREVIOUSLY; ANY OTHER ORAL, WRITTEN OR IMPLIED PROMISES ARE NOT VALID.

In the event the product is found by Haakaa to be defective within the warranty period, the purchaser's sole and exclusive remedy is that Haakaa will, at its option, repair or replace the defective product or component without charge for parts or labour.

- To make a claim, the purchaser must contact Haakaa Customer Service to receive a Return Authorisation (RA) Number. Returns without an RA Number will not be accepted.
- The purchaser is responsible for all costs associated with returning the product to Haakaa.

To the extent permitted by law, Haakaa shall not be liable for any incidental or consequential damages, including replacement costs, resulting from the breach of any express or implied warranty.

Making a Claim
To submit a warranty claim, the original date of purchase must be verified by presenting the official sales receipt or invoice.

Warranty Period
Please note that any repairs carried out under this warranty, including the provision of replacement parts, do not result in an extension of the original warranty period for either the device or the new components.

Exclusions from Warranty Coverage
The warranty does NOT cover the following circumstances or types of damage:
- **Improper Use:** Any damage resulting from misuse or failure to follow the instructions provided in the user manual.
- **Unauthorised Modification:** Damage caused by repairs, alterations, or tampering performed by the customer or any unauthorised third parties.
- **Transit Damage:** Damage that occurs during transport from the manufacturer to the customer, or during transport when being sent to a service centre.
- **Normal Wear and Tear:** Accessories that naturally degrade or are subject to normal wear and tear over time.
- **Disassembly:** Damage to the device resulting from the user privately disassembling the unit.
- **Consequential Loss:** Liability for any direct or indirect losses that result from the unit's failure is explicitly excluded, even if the damage to the unit itself qualifies as a valid warranty claim.

Customer Service
For further assistance, please contact **customerservice@haakaa.co.nz**

REV: E10754 (02/07/2026)
Effective Date: 02/07/2026

Warranty & Support Continued

If contacting Haakaa Customer Service, you may need to provide a serial number. We recommend using this space to record your pumps' serial numbers and purchase date here for quick reference. You can find the serial number for each pump on the base of the electric motor.

Purchase Date: ______________________

SN ______________________

Reporting adverse events

MedWatch is the Food and Drug Administration's (FDA) program for reporting serious reactions, product quality problems, therapeutic inequivalence/failure, and product use errors with human medical products, including drugs, biologic products, medical devices, dietary supplements, infant formula, and cosmetics.
If you think you or someone in your family has experienced a serious reaction to a medical product, you are encouraged to take the reporting form to your doctor. Your health care provider can provide clinical information based on your medical record that can help FDA evaluate your report.
However, we understand that for a variety of reasons, you may not wish to have the form filled out by your health care provider, or your health care provider may choose not to complete the form. Your health care provider is NOT required to report to the FDA. In these situations, you may complete the Online Reporting Form yourself.
You will receive an acknowledgement from FDA when your report is received. Reports are reviewed by FDA staff.
You will be personally contacted only if we need additional information.
Submitting Adverse Event Reports to FDA
Use one of the methods below to submit voluntary adverse event reports to the FDA:
(1) Report Online at:
www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=reporting.home
(2) Consumer Reporting Form FDA 3500B. Follow the instructions on the form to either fax or mail it in for submission. For help filling out the form, see MedWatchLearn. The form is available at:
www.fda.gov/downloads/aboutFDA/reportsmanualsforms/forms/ucm349464.pdf
(3) Call FDA at 1-800-FDA-1088 to report by telephone
(a) Reporting Form FDA 3500 commonly used by health professionals. The form is available at:
www.fda.gov/downloads/aboutFDA/reportmanualsforms/forms/ucm163919.pdf

Meaning of Symbols

MD	Medical device	REF	Catalogue number		Type of protection against electric shock: Class II		Use-by date
	Applied part of type BF		Fragile – Handle with care		Keep Dry		Pile Limit 5 layer
LOT	Batch code	UDI	Unique device identifier		Indicates New Zealand origin or quality		Date of manufacture
	Refer to instruction manual		The package is recyclable material	FSC	The packaging is made from responsibly sourced materials		
	The product should be vertically up		Indicates the product should be kept away from direct sunlight	FC	Complies with FCC requirements for electromagnetic compatibility		
	Electrical and electronic items should not be disposed of in your dustbin or wheelie bin, but should be recycled via your local council's recycling facilities			MR	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		
IP 21	The first number 2: Protected against solid foreign objects of 12.5 mm Φ and greater. The second number: Protected against vertically falling water drops when vertically dripping. Vertically falling drops shall have no harmful effects when the enclosure is tilted to either side of vertical						

80mm

[f] [Instagram] [TikTok] [YouTube] FOLLOW US: @haakaanz

haakaa® IS A REGISTERED TRADEMARK OF THINK GREEN LIMITED NEW ZEALAND
Designed in New Zealand. Made in China.
For more information, please visit:
www.haakaa.co.nz

MANUFACTURED FOR THINK GREEN LIMITED NEW ZEALAND.
Address: 63 Riverland Road, Rd 2, Kumeu, 0892, New Zealand

Operation Condition:
41°F to 104°F; 15% to 93% RH (non-condensing); 70.0 to 106.0 kPa

Storage conditions:
-13°F to 158°F; 15% to 93% RH (non-condensing); 70.0 to 106.0 kPa
Atmospheric ambient pressure of transport: 70.0 to 106.0 kPa

MD

For OTC Type of Use

haakaa®



Scan to watch the tutorial video

REF H9-D-E10760

120mm



Product Description

Designed to make every pumping session easier, the Haakaa E-Ladybug™ Wearable Electric Breast Pump combines powerful performance with everyday convenience. Choose from 3 pumping modes and 12 adjustable suction levels to match your body's needs, while gentle micro-vibrations help encourage natural milk flow.

Its slim, lightweight design fits discreetly inside your bra, giving you the freedom to pump hands-free no matter where you are. The unique air valve creates a seal for reliable suction and ensures leakproof milk collection while maintaining comfort during use. With whisper-quiet operation and a leak-free collection cup (up to 180ml), you can express milk in peace, day or night.

Our standard, ergonomic flange has four extra flange inserts in different sizes to ensure a secure, comfortable fit for different breast shapes and nipple sizes, and with fewer parts to have to wash, you'll spend less time on cleanup and more time on what matters most.

This set includes a portable carry case and a durable silicone nipple ruler for added convenience. The compact carry case keeps your pump and all parts clean, neatly organised, and easy to take on the go – perfect for travel or work! The soft silicone ruler helps you accurately determine your nipple size to select the best-fitting flange, ensuring a more comfortable and efficient pumping experience every time.

Model & Name	H9 Electric Breast Pump
Charging Input	DC 5V/1A/2A
Power Supply	DC 3.7V/1000mAh Rechargeable Li-ion Battery
Rated Power	5W
Dimension (±5mm)	133 x 110 x 67mm
Noise	50dB(A)
Display	02 min
Mode & Vacuum Range	Stimulation Mode: L1-L12 Expression Mode: L1-L12 Depth Mode: L1-L12
Operating Conditions	Temperature: +5°C ~ +40°C, Humidity: 15% ~ 93%, Atmospheric Pressure: 70 kPa to 106 kPa
Storage Environment	Temperature: -25°C ~ +70°C, Humidity: 15% ~ 93%, Atmospheric Pressure: 70 kPa to 106 kPa
Mode of Operation	Continuous Operation

封面背面

Materials: Electric Motor - ABS
Collection Chamber - PP
Collection Cup - Food-Grade Silicone, PA
Chamber Cover - PA
Inner Shield, Flange, Air Valve - Food-Grade Silicone
Carry Case - EVA, PU, Polyester
Nipple Ruler - Food-Grade Silicone
Volume: 6 oz. / 180ml
Battery Capacity: 1000mAh
Cycle Life of Battery: 500 times
Recommended Replacement Period for Washable Parts: 3 Months



Contents:
- 2 x Electric Motors
- 2 x Collection Chambers
- 2 x Collection Cups
- 2 x Chamber Covers
- 4 x Silicone Inner Shields
- 2 x 15mm Silicone Flanges
- 2 x 18mm Silicone Flanges
- 2 x 21mm Silicone Flanges
- 2 x 24mm Silicone Flanges
- 2 x USB Type-C Charging Cables
- 2 x Silicone Air Valves
- 1 x Silicone Nipple Ruler
- 1 x Pump Carry Case - Pea Green

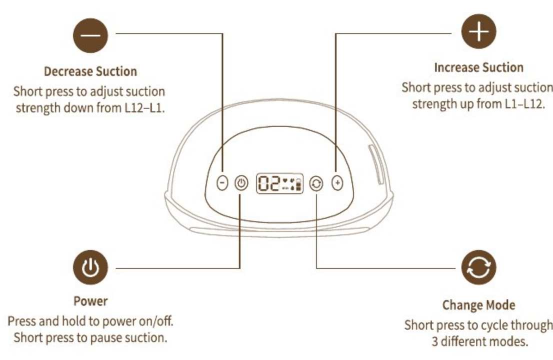
Intended Use
The electric breast pump is intended to be used by lactating women to express and collect milk from their breasts. It is intended for a single user.
Contraindications
Never use the breast pump while you are pregnant, as pumping can induce labour. Do not use if there is an active skin infection, open wound, or severe lesion on the breast or nipple.
Adverse reactions
Excessive vacuum pressure or incorrect flange sizing may cause nipple pain, tissue bruising, or skin abrasions.

Product Diagram



1. Electric Motor
2. Charging Port with Silicone Cover
3. Collection Cup
4. Silicone Air Valve
5. Collection Chamber
6. Pouring Spout
7. Silicone Inner Shield
8. Chamber Cover
9. Decrease Suction
10. Power
11. LED Display Panel
12. Change Mode
13. Increase Suction
14. Flange Inserts

Button Overview



Decrease Suction – Short press to adjust suction strength down from L12–L1.

Increase Suction – Short press to adjust suction strength up from L1–L12.

Power – Press and hold to power on/off. Short press to pause suction.

Change Mode – Short press to cycle through 3 different modes.

Display Panel Indication



Stimulation Mode
Fast and shallow pace mimics baby's sucking to stimulate letdown. Best for initiating pumping.

Expression Mode
Deep, slow pace efficiently promotes milk flow. Ideal for regular pumping.

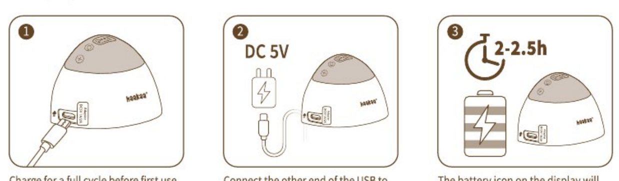
Depth Mode
Strong, deep suction to efficiently empty the breasts. Best when you need maximum output. This mode is suitable for use only under the guidance of your maternity carer or lactation consultant.

Battery level
Indicates battery charge remaining. When low, battery icon will flash for 10 seconds before the pump turns off.

Timer
After pressing the power button to pause, the panel will show how many minutes of the session have elapsed.

NOTE: The display screen will automatically turn off after 20 seconds of no button operation. Press any button to turn the screen back on. Suction and mode can only be adjusted while pump is in use, not while paused.

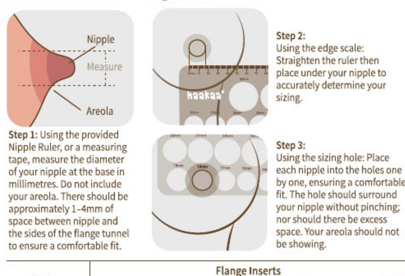
Charging Instructions



1. Charge for a full cycle before first use. When power is low, the battery icon on the display will flash for 10s then turn off automatically. To charge, insert the USB plug into the pump's charging port.
2. DC 5V – Connect the other end of the USB to a charging adapter.
3. 2-2.5h – The battery icon on the display will flash during charging. Once fully charged, the icon will remain on. Charging the device takes approximately 2-2.5 hours.

PLEASE NOTE:
We recommend you only use the charging cable that comes with the product. Other charging cables may affect normal usage.
If the pump isn't used regularly, make sure to charge it every two months to maintain battery capacity.
Do not switch on this product while it is charging.
If the USB cable is damaged, discontinue use.
Use DC 5V/1A or 5V/2A only. Do not use high-voltage or fast-charging adapters. Use only certified USB-C to Type-C adapters rated for 5V output.

Select Suitable Flange Size



Step 1: Using the provided Nipple Ruler, or a measuring tape, measure the diameter of your nipple at the base in millimetres. Do not include your areola. There should be approximately 1-4mm of space between nipple and the sides of the flange tunnel to ensure a comfortable fit.

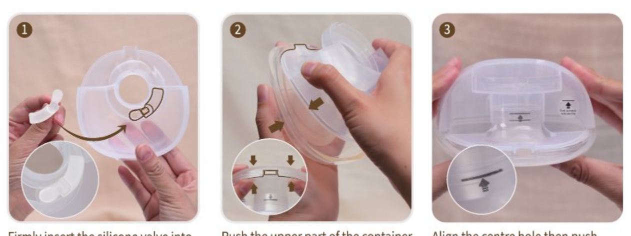
Step 2: Using the edge scale: Straighten the ruler then place under your nipple to accurately determine your sizing.

Step 3: Using the sizing hole: Place each nipple into the holes one by one, ensuring a comfortable fit. The hole should surround your nipple without pinching; nor should there be excess space. Your areola should not be showing.

NOTE: Many people have slight variation between nipple sizes. For ultimate comfort, consider measuring both nipples.
If between sizes, start with the smaller flange. If pinching or friction occurs, consider selecting the next size up. If you see your areola pulling through, or if there is visible blanching of the nipple tip, try the next size down.
You may find it helpful to measure your nipple again during use, as the size may change while pumping. We also recommend remeasuring at 6-8 weeks postpartum (for those who have started pumping earlier), or at any time comfort and/or milk yield changes.
For further information, contact your local IBCLC or lactation and maternal health provider.

	Flange Inserts				Collection Cup Flange
	15mm	18mm	21mm	24mm	27mm
	Up to 14mm	Up to 17mm	Up to 20mm	Up to 23mm	Up to 26mm

Assembly Instructions



1. Firmly insert the silicone valve into the RECTANGULAR hole in the chamber. The rounded flap should cover the adjacent ROUND hole, and the extension should curve around the opening (see image above).
PLEASE NOTE: The valve is essential for maintaining suction; ensure you take care when removing, cleaning and storing it to avoid it becoming lost.
2. Push the upper part of the container firmly into the top of the collection cup until it is fully seated. Press all edges so the cup fits over the outer rim of the chamber firmly with no gaps. Ensure cup and chamber are well secured all around.
PLEASE NOTE: Do not pull, bend, or peel the top edge of the flange, as this may result in damage or deformation.
3. Align the centre hole then push to match the indication line on the chamber.

Assembly Instructions Continued



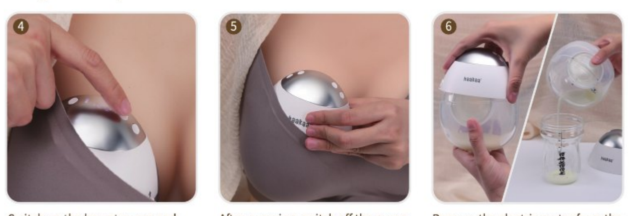
4. Fit the silicone inner shield to the chamber cover. Ensure there are no gaps. The shield should be sitting on top of the chamber cover like a lid and should not fall off if turned upside down.
5. Push the chamber cover into the centre hole of the exterior of the collection chamber, with the silicone shield facing inwards.
Note: The cover is designed to fit securely. You will need to firmly push in place.
6. Push the electric motor onto the top of the collection chamber. You will hear a 'click' when assembled correctly.

Using the Pump



1. Ensure your breasts, hands and pump are clean. Select the appropriate flange and insert it into the centre hole of the collection cup (if needed). Make sure the flange rim fits snugly into place. Some wrinkling of the flange is normal. If your nipple measurement indicates you should use the collection cup flange, do not insert any of the extra flanges.
2. Position the centre opening over your nipple, ensuring it is properly aligned and comfortable. The edge of the flange should not press against your nipple.
3. Always wear inside your bra to begin pumping. You can choose to wear one or two pumps based on your letdown collection or expression needs.

Using the Pump Continued



4. Switch on the breast pump and choose your preferred mode and suction level. Start on a gentle setting and adjust gradually for comfortable and effective milk expression.
5. After pumping, switch off the pump and wait for 3-5 seconds. Then, gently insert a finger to break the seal around the pump and remove it from your bra.
6. Remove the electric motor from the top then transfer your milk via the pouring spout into a clean, sterilised container for safe storage.

NOTE: By default, the pump starts in stimulation mode with level 2 suction.
Suction and pumping mode cannot be adjusted while pumping is paused. Unpause to make changes.

Storage Guidelines

Guidelines are for reference only. ALWAYS check and follow your country's specific guidelines and recommendations to safely express and store breastmilk.



Fresh	Fridge	Frozen
Room temperature (<26°C): Up to 4 Hours	Refrigerated (2–4°C): Up to 72 Hours	Freezer box in refrigerator: Up to 2 Weeks Separate door freezer: 3-6 Months Deep freeze: 6-12 Months

IMPORTANT!
These times start from when the milk was expressed, not when it was placed in the fridge or freezer. Volume measurements are an approximation and should be used for general reference only.
Never thaw or heat breastmilk in a microwave, on a stove, or in boiling water. This may destroy nutrients and cause hot spots that can burn your baby. Once thawed, do not refreeze. Use within 24 hours of being thawed if kept refrigerated, or within 2 hours at room temperature.

Warning Instructions 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/precautions symbols	
⚠ Warning	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠ Caution	Means a possibility of personal injury or property damage in case of improper use.
Notes	Indicates the need for attention; if not followed, this may lead to incorrect use of the product or property device damage.

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

⚠ Warnings

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 should 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 an electrical product that has fallen into water; please unplug the power adapter from wall outlet immediately.
4. The electric breast pump is a personal care item and for hygiene reasons should never be shared between users or resold from one user to another. Either of these actions will void the warranty.
5. If you are infected with Hepatitis B, Hepatitis C or Human Immunodeficiency Virus (HIV), pumping breastmilk using the electric breast pump will not reduce or remove the risk of transmitting the virus to your baby through your breastmilk.
6. Close supervision is necessary when product is used near children. Do not allow children or pets to play with the motor unit, packaging materials or accessories.
7. Use product only for its intended use as described in this manual.
8. Do not use attachments or other milk collection components other than those recommended by the manufacturer.
9. Check the power adapter before charging. Never use a damaged power adapter.
10. Never leave product unattended while charging.
11. Keep the product and all attachments away from heated surfaces.
12. Never use 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 the charging cable.
16. Users are not allowed to repair the product. If you do so, your warranty becomes invalid. For repairs, send 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. If discomfort is felt, suction can be broken by inserting a finger between the breast and the flange.
19. If irritation or discomfort occurs, discontinue use and see a doctor.
20. Powered breast pumps that are designed for single users should never be rented or shared.

⚠ Warnings

For product service life (i.e. working life)
This device has no shelf life. Please check whether the product is running normally before use. Use beyond the service life may lead to degradation of product performance; e.g., if the product cannot control the vacuum correctly, excessive vacuum may cause injury.

⚠ Caution

- Do not place or store where product can fall or be pulled into the bathtub, sink, pool or other water source.
- Do not place or drop product into water or any other liquid.
- 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 pain develops, or problems occur while using your breast pump, please consult your healthcare professional or lactation consultant.
- Consult a medical professional if you have mastitis, cracked or bleeding nipples, or any breast infection before use. If pain develops, or problems occur while using your breast pump, please consult your healthcare professional or lactation consultant.
- Avoid direct sunlight.
- We do not recommend using a UV steriliser to sterilise this product. Use of such a steriliser may impact the lifespan of this product, degrade the materials, cause discolouration, or result in deformation.
- We do not recommend pumping for extended periods of time. Please find a duration that feels comfortable for you and do not push beyond your limits. Many users will find milk flow slows or stops before 20 minutes. End the session when flow stops, as pumping past empty does not increase yield and may cause discomfort or nipple trauma.

Battery Use

- Ensure your power adapter matches the breast pump's specifications. Using an incompatible power adapter may cause malfunction or safety risks.
- Do NOT attempt to open and/or replace lithium battery.
- This product does not include a power adapter. Use only with USB power adapters compliant with IEC 60601-1.
- Use only 5V/1A or 5V/2A standard USB adapters. Do not use fast-charging (e.g., 9V/12V) or non-standard adapters.
- Use only certified USB-C to Type-C adapters rated for 5V output.
- Avoid prolonged continuous charging whenever possible, as overcharging may lead to battery overheating and increase the risk of device malfunction or injury.
- The device should always be charged by adults only.
- Only use the charging cable that comes with the product. Do NOT use incompatible chargers.
- This product contains a lithium battery. Please dispose of it at a certified battery recycling drop off point.
- The USB Type-C port and battery may short-circuit if exposed to metal or liquids. Handle with care.

Notes

- Read these instructions carefully before first use to familiarise yourself with how the Haakaa E-Ladybug™ Wearable Electric Breast Pump works.
- Using a breast pump should not cause pain. If you notice redness, heat, or inflammation on your breasts, stop use and consult a healthcare professional.
- Every person produces milk differently, and amounts may vary from one breast to the other or at different times of the day.
- Encourage let-down by applying a warm flannel to your breast prior to pump use and massaging gently. When the pump is full, transfer the milk into a clean, sterilised storage container or bottle, then reposition the pump if needed.
- The inner shield and air valve are important components of the suction system; please ensure they are correctly installed.
- Store this product, including all parts properly and keep out of reach of children and pets.
- Only use original accessories to ensure safety and performance.

Cleaning & Care

Providing breastmilk is one of the best things you can do for your baby's health and development. Pumping your milk is one way to provide breastmilk to your baby.

Keeping the parts of your pump clean is critical, because germs can grow quickly in breastmilk or breastmilk 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 breastmilk safely.

BEFORE EVERY USE
Inspect, disassemble and clean all parts except the electric motor and carry case. Clean pump dials, power switch, and countertop with disinfectant wipes. To clean the carry case, wipe gently with a soft damp cloth, then air dry completely before storing. Do not wash or submerge in water.

AFTER EVERY USE
TIP: See product diagram on page 4 to confirm part name
- **Store milk safely:** Cap milk bottle or seal milk collection bag, label with date and time, and immediately place in a refrigerator, freezer, or cooler bag with ice packs.
- **Clean pumping area:** Clean the dials, power switch, and countertop with disinfectant wipes
Clean and disinfect all parts that come into contact with breast and breastmilk (i.e. collection cup, chamber, chamber cover, inner shield, flange and air valve) before you use the breast pump for the first time and after every use.

Step 1: Before cleaning

Please wash your hands well with soap and water for 20 seconds.
Make sure that you remove the valve from the breast pump and handle and store it with care.

Remark:
The inner shield has an anti-backflow function to prevent milk backflow, i.e., the breastmilk passing from the flange body to the motor. The chamber cover does not come in contact with expressed breastmilk. The diagram includes the chamber cover only to demonstrate the disassembly process.

Step 2: Cleaning

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

⚠ **Caution**
Never put the motor charging cable or the adapter in water or in a dishwasher, as this causes permanent damage to these parts.

Manual cleaning
- 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

- Rinse pump parts (i.e. all plastic and silicone parts, except the motor) and any other feeding items by holding them under running water to remove remaining milk or dirt. The water can be warm or cold.

Wash pump parts
- Place pump parts 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.
- Fill wash basin with hot water and add soap.
- Scrub items using a clean brush used only for infant feeding items.

(1) Rinse again: Rinse by holding items under running water, or by submerging in fresh water in a separate basin that is used only for cleaning infant feeding items.
(2) Air-dry thoroughly: Place pump parts, wash basin, and bottle brush on a clean, unused dish towel or paper towel in an area protected from dirt and dust. Do not use a dish towel to rub or pat items dry because doing so may transfer germs to the items!
(3) Clean wash basin and bottle brush: Rinse the wash basin and brush well and allow them to air-dry after each use. Wash them every few days by hand with soap and warm water. If your baby is 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, sanitise all parts that come in contact with milk, wash basin, and bottle brush at least once daily after they have been cleaned. Items can be disinfected using boiling water with a sanitise setting. Sanitising 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 pump parts, please refer to step 3.

Step 3: Disinfection

Before disinfection, make sure you have cleaned feeding items, bottle brushes, and wash basins using the methods in steps 1 & 2. Disinfect all items in contact with milk (even the bottle brush and wash basin!) by using the following methods:

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 side of the pot. This can cause irreversible product deformation or damage.

1. Place the disassembled pump parts in the pot and fill the pot with enough water to cover the components to be disinfected. Let the water boil for 2-3 minutes, making sure the parts do not touch the side of the pot.
2. Remove items with clean tongs, taking care to avoid burns.
3. Air-dry thoroughly.

Step 4: 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 mould from growing. Store dry items in a clean, protected area to prevent contamination.

1. **Wash hands:** Wash hands well with soap and water.
2. **Reassemble:** 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.

When to clean	
Disassemble before first use	✔ Disassemble ✔ Clean ✔ Disinfect
Wash after each use	✔ Disassemble ✔ Clean
Once a day	✔ Disassemble ✔ Disinfect
How to clean	

Damage: The electric motor is not waterproof. To clean the electric motor, simply wipe the shell with a damp cloth. Use drinking water and gentle cleaning detergents without abrasive particles.

Cleaning

1. Rinse all plastic & silicone parts (NOT the motor) with clean drinking water at approximately 20°C (68°F).
2. Wash all rinsed parts thoroughly in warm soapy water at approximately 30°C (86°F). We recommend using a pH-neutral detergent, preferably one without artificial fragrances and colours.
3. Rinse the parts again with clean drinking water at approximately 20°C (68°F) for 10-15 seconds, then dry after washing.

212°F / 100°C or

To sterilise the collection cup, chamber, chamber cover, inner shield, flange and air valve, use any steam sterilising system or boil in water for 2-3 minutes.

The washable parts can be cleaned and sterilised as below. **NEVER** wash or sterilise pump motor.

	Parts	Motor
Dishwasher	✔	✘
Boiling Water	✔	✘
Microwave Sterilise with the Haakaa Silicone Steriliser Bag	✔	✘

IMPORTANT!
We recommend carefully detaching, handwashing, and then sterilising by boiling in water or steam sterilising. Due to the air valve's size, we do not recommend putting it in the dishwasher.

How to Store



1. **Bottom Layer:** Insert divider panel first, then neatly store each breast pump.
2. **Second Layer:** Insert the silicone measuring ruler into the middle divider compartment.
3. **Top Layer:** Place all remaining parts in the top layer. Zip closed to keep secure.
4. Zip closed to keep neatly organised or take with you on the go.

NOTE: Ensure all parts are thoroughly dried before storing.

Electromagnetic Compatibility Caution

⚠ Warnings

- 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 electric 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 electric breast pump. Please do not use the electric 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 electric breast pump. Please do not use the electric breast pump near these places. If you have to go through one of these devices, turn off your electric breast pump. Before each use, check the status of your electric breast pump to ensure it is operating 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 your electric breast pump near this equipment.

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

Cable name	Cable length	Weather shielding
Charging line	1000±50mm	No

Guidance and manufacture's declaration – electromagnetic emission

The electric breast pump is intended for use in the electromagnetic environment specified below. The user of the electric breast pump should ensure that it is used in such an environment.

Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The electric breast pump uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The electric breast pump is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Guidance and manufacture's declaration – electromagnetic immunity

The electric breast pump is intended for use in the electromagnetic environment specified below. The user of the electric breast pump should ensure that it is used in such an environment.

Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines.	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Surges IEC 61000-4-5	±0.5kV, ±1kV lines to lines; ±0.5kV, ±1kV, ±2kV lines to earth	±0.5kV, ±1kV lines to lines.	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.
Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	

Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6.765 MHz to 6.795 MHz; 13.553 MHz to 13.567 MHz; 26.957 MHz to 27.283 MHz; and 40.66 MHz to 40.70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.

Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare environment.
Voltage dips IEC 61000-4-11	0% UT, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% UT, 1 cycle and 70% UT, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.
Voltage interruptions IEC 61000-4-11	0% UT, 250/300 cycle	Applicable	

NOTE: UT is the a.c. mains voltage prior to application of the test level.
E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.

Guidance and manufacture's declaration – electromagnetic immunity

The electric breast pump is intended for use in the electromagnetic environment specified below. The user of the electric breast pump should assure that it is used in such an environment.

Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment - guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band a) (MHz)	Service a)	Modulation b)	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380 – 390	TETRA 400	Pulse modulation b) 18 Hz	1.8	0.3	27
450	430 – 470	GMRS 460, FRS 460	FM c) ± 5 kHz deviation 1 kHz sine	2	0.3	28
710	704 – 787	LTE Band 13, 17	Pulse modulation b)	0.2	0.3	9
745						
780						
810	800 – 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation b) 18 Hz	0.2	0.3	28
870						
930						

1720	380 – 390	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation b) 217 Hz	2	0.3	28
1845						
1970						
2450	2400 – 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation b) 217 Hz	2	0.3	28
5240	5100 – 5800	WLAN 802.11 a/n	Pulse modulation b) 217 Hz	0.2	0.3	9
5500						
5785						

NOTE: If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- For some services, only the uplink frequencies are included.
- The carrier shall be modulated using a 50% duty cycle square wave signal.
As an alternative to FM modulation, 50% pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Troubleshooting

Problem	Solution
Uncomfortable Fit	Try different flange insert sizes for the best fit. Included sizes: 15mm (fits 11-14mm nipples), 18mm (fits 14-17mm nipples), 21mm (fits 17-20mm nipples), 24mm (fits 20-23mm nipples). Cup opening without a flange insert is 27mm (fits 23-26mm nipples). Confirm your nipple size using the included nipple measurer.
Little or No Suction	Check that the collection chamber is clean and properly sealed, with the valve, inner shield & cover securely in place without shifting. Make sure the silicone flange fits snugly against the breast. Ensure all accessories are clean, dry, and correctly assembled.
Breast Pump Does Not Operate	Confirm that the breast pump is charged. Plug in to charge if required then try again.
Milk Leakage	Switch off the pump and wipe dry with a clean, damp cloth. Reassemble only after all parts are completely dry. Ensure all parts are properly assembled and sealed.
Milk Is Not Being Expressed	Check that the pump is assembled correctly and suction is active. If no milk is expressed, relax and try again, or consult a doctor or lactation consultant.

NOTE: If troubleshooting chart does not resolve your product issue, please discontinue use and contact your nearest Haakaa stockist.

Travel and International Usage Guidelines

The Haakaa E-Ladybug Wearable Electric Breast Pump's performance may be compromised by external factors associated with travel. Due to the unpredictable and potentially unstable nature of travel environments, we recommend that this pump not be used while travelling or aboard an aircraft.

The Haakaa E-Ladybug Wearable Electric Breast Pump is suitable for international use. However, it must be operated and stored in accordance with the specifications in this user manual. When using it internationally, you must ensure the input power requirements for your power adapter are AC 100-240V 50/60 Hz. The output power must be DC 5V/1A or 5V/2A. You must also use an appropriate converter to match the voltage of the destination country.

To ensure the Haakaa E-Ladybug Wearable Electric Breast Pump is not damaged during transport, please inspect the following items before using it:

- Verify that the Haakaa E-Ladybug Wearable Electric Breast Pump is free from any visible damage or cracks.
- Before every use, check the status of your Haakaa E-Ladybug Wearable Electric Breast Pump to confirm that it is operating normally.

Important: If you detect any damage, malfunctions or abnormalities, you must immediately stop using the pump.

Product Disposal Guidelines

At the conclusion of the product's lifespan, this device should not be placed into general household refuse. In alignment with environmental best practices, the product must be taken to a designated collection point for the recycling of electronic equipment and batteries.

Improper disposal of electrical and electronic equipment waste carries the potential for harmful effects on the environment. Incorrect disposal can result in the accumulation of toxic materials in the air, water, and soil, which may be detrimental to public health. Therefore, proper disposal of this device is required to mitigate these environmental risks. We encourage users to consult their local council or waste disposal authority for specific guidance regarding collection points and disposal procedures in their area.

Warranty & Support

Haakaa warrants this product to the original consumer purchaser (hereafter referred to as "the purchaser") against defects in materials and workmanship under normal use and conditions.
This warranty applies only to the original purchaser and is non-transferable.

- These electric pump motors are warranted for a period of 24 months from the date of purchase.

The warranty is immediately voided if the product is:
- Misused, abused, or altered.
- Used commercially.
- Sold or otherwise transferred to another person.
- Used with non-Haakaa brand replacement parts.
- Improperly or incorrectly maintained or repaired.
- Subjected to conditions that violate product instructions (e.g., placing the motor in water, improper sterilisation methods).

Liability is expressly excluded for all direct or indirect consequential loss or damage arising from the use or failure of this product. The acceptance of a warranty claim concerning the product does not alter this exclusion.

Warranty & Support Continued

THIS PRODUCT COMES WITH NO IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A SPECIFIC PURPOSE, UNLESS SUCH DISCLAIMERS ARE PROHIBITED BY LAW. HAAKAA WILL NOT BE RESPONSIBLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES ARISING FROM A BREACH OF THE EXPRESS LIMITED WARRANTY OR ANY LEGALLY IMPLIED WARRANTIES. THE ONLY WARRANTY FOR THIS PRODUCT IS THE EXPRESS LIMITED ONE DESCRIBED PREVIOUSLY; ANY OTHER ORAL, WRITTEN OR IMPLIED PROMISES ARE NOT VALID.

In the event the product is found by Haakaa to be defective within the warranty period, the purchaser's sole and exclusive remedy is that Haakaa will, at its option, repair or replace the defective product or component without charge for parts or labour.

- To make a claim, the purchaser must contact Haakaa Customer Service to receive a Return Authorisation (RA) Number. Returns without an RA Number will not be accepted.
- The purchaser is responsible for all costs associated with returning the product to Haakaa.

To the extent permitted by law, Haakaa shall not be liable for any incidental or consequential damages, including replacement costs, resulting from the breach of any express or implied warranty.

Making a Claim
To submit a warranty claim, the original date of purchase must be verified by presenting the official sales receipt or invoice.

Warranty Period
Please note that any repairs carried out under this warranty, including the provision of replacement parts, do not result in an extension of the original warranty period for either the device or the new components.

Exclusions from Warranty Coverage
The warranty does NOT cover the following circumstances or types of damage:
- **Improper Use:** Any damage resulting from misuse or failure to follow the instructions provided in the user manual.
- **Unauthorised Modification:** Damage caused by repairs, alterations, or tampering performed by the customer or any unauthorised third parties.
- **Transit Damage:** Damage that occurs during transport from the manufacturer to the customer, or during transport when being sent to a service centre.
- **Normal Wear and Tear:** Accessories that naturally degrade or are subject to normal wear and tear over time.
- **Disassembly:** Damage to the device resulting from the user privately disassembling the unit.
- **Consequential Loss:** Liability for any direct or indirect losses that result from the unit's failure is explicitly excluded, even if the damage to the unit itself qualifies as a valid warranty claim.

Customer Service
For further assistance, please contact **customerservice@haakaa.co.nz**

REV: E10760 (02/07/2026)
Effective Date: 02/07/2026

Warranty & Support Continued

If contacting Haakaa Customer Service, you may need to provide a serial number. We recommend using this space to record your pumps' serial numbers and purchase date here for quick reference. You can find the serial number for each pump on the base of the electric motor.

Purchase Date: ____________

Pump 1: SN ____________

Pump 2: SN ____________

Reporting adverse events

MedWatch is the Food and Drug Administration's (FDA) program for reporting serious reactions, product quality problems, therapeutic inequivalence/failure, and product use errors with human medical products, including drugs, biologic products, medical devices, dietary supplements, infant formula, and cosmetics.
If you think you or someone in your family has experienced a serious reaction to a medical product, you are encouraged to take the reporting form to your doctor. Your health care provider can provide clinical information based on your medical record that can help FDA evaluate your report.
However, we understand that for a variety of reasons, you may not wish to have the form filled out by your health care provider, or your health care provider may choose not to complete the form. Your health care provider is NOT required to report to the FDA. In these situations, you may complete the Online Reporting Form yourself. You will receive an acknowledgement from FDA when your report is received. Reports are reviewed by FDA staff. You will be personally contacted only if we need additional information.
Submitting Adverse Event Reports to FDA
Use one of the methods below to submit voluntary adverse event reports to the FDA:
(1) Report Online at:
www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=reporting.home
(2) Consumer Reporting Form FDA 3500B. Follow the instructions on the form to either fax or mail it in for submission. For help filling out the form, see MedWatchLearn. The form is available at:
www.fda.gov/downloads/aboutFDA/reportsmanualsforms/forms/ucm349464.pdf
(3) Call FDA at 1-800-FDA-1088 to report by telephone
(a) Reporting Form FDA 3500 commonly used by health professionals. The form is available at:
www.fda.gov/downloads/aboutFDA/reportmanualsforms/forms/ucm163919.pdf

Meaning of Symbols

MD	Medical device	REF	Catalogue number	▣	Type of protection against electric shock: Class II	⌛	Use-by date
🚶	Applied part of type BF	🍷	Fragile – Handle with care	☂	Keep Dry	5	Pile Limit 5 layer
LOT	Batch code	UDI	Unique device identifier	🌿	Indicates New Zealand origin or quality	🏭	Date of manufacture
📖	Refer to instruction manual	♻	The package is recyclable material	FSC	The packaging is made from responsibly sourced materials		
↑↑	The product should be vertically up	☀	Indicates the product should be kept away from direct sunlight	FC	Complies with FCC requirements for electromagnetic compatibility		
🗑	Electrical and electronic items should not be disposed of in your dustbin or wheelie bin, but should be recycled via your local council's recycling facilities			MR	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		
IP 21	The first number 2: Protected against solid foreign objects of 12.5 mm Φ and greater. The second number: Protected against vertically falling water drops when vertically dripping. Vertically falling drops shall have no harmful effects when the enclosure is tilted to either side of vertical						