

DE-NESTGPM series  
Model: DE-NESTGPM, DE-NESTGPM1BK, DE-NESTGPM1BE, DE-NESTGPMF1BK, DE-NESTGPMF1BE

ENGLISH

Manual

Air Pump

Package contents

Names of individual components

Verify the package to ensure all contents are present prior to using the product. Every effort has been made to ensure proper packaging, however in the event any shortage or damage is discovered, contact the retailer where the product was purchased.

• Main unit

• Eight types of air nozzles

• Two inflation aids

• Battery connector

• Drawstring bag

• Fire bellows

• (A heat shield (M) is pre-attached.)

• Heat shield (L)

\*Only for DE-NESTGPMF1

\*The NESTOUT outdoor battery is not included. Please acquire a NESTOUT outdoor battery separately.

Main unit

USB Type-C® plug

Inflation aid

Battery connector

Drawstring bag

Fire bellows

Heat shield (L)

Heat shield (M)

Telescopic nozzle

Power switch

0: Off

1: Light

2: Strong

Battery lock release button

(Located on both left and right sides)

Air inlet

Air outlet

Eight types of air nozzles

How to use

■ How to select air nozzles

Each of the air nozzles is marked with a number (1 to 6) or a letter (A or B). Choose the one that fits the valve type and shape of your air mattress or other inflatable.

Rotating type

Opening/Closing type

Float type

A type where the cap is rotated to let air in or out

A type where the cap is opened to let air in or out

A small type where the nozzle portion is pulled out to let air in or out

• The valve dimensions listed in the table below are approximate. If there is any gap, try a different air nozzle.

• Depending on the valve shape, none of the air nozzles may fit perfectly. In that case, use the air nozzle that is closest in size and hold it in place by hand during use.

Rotating type

Compatible valve diameters (Outside diameters)

Air nozzle	3	4	5	6
Appearance				
Outside diameter	14 to 17 mm (0.55 to 0.67 in.)	17 to 20 mm (0.67 to 0.79 in.)	20 to 22 mm (0.79 to 0.87 in.)	22 to 26 mm (0.87 to 1.02 in.)

Attach the air nozzle over the cap.

• A type that is large and has four projections on the cap

25 mm (0.98 in.)

Projection

Use a combination of the air nozzle 3 and the air nozzle 5.

Opening/Closing type

Compatible valve diameters (Inside diameters)

Air nozzle	1	2	3	4	5	6
Appearance						
Upper section	13 to 15 mm (0.51 to 0.59 in.)	15 to 18 mm (0.59 to 0.71 in.)	18 to 22 mm (0.71 to 0.87 in.)	22 to 25 mm (0.87 to 0.98 in.)	25 to 29 mm (0.98 to 1.14 in.)	29 to 32 mm (1.14 to 1.26 in.)
Lower section	17 to 20 mm (0.67 to 0.79 in.)	20 to 22 mm (0.79 to 0.87 in.)	23 to 26 mm (0.91 to 1.02 in.)	26 to 28 mm (1.02 to 1.10 in.)	29 to 32 mm (1.14 to 1.26 in.)	For screw type only

The lower section may not be used with valves with a check valve.

• A type where the inside of the valve is connected to the cap

Notch

Strap

Use the lower section of the air nozzle 4. Align the notch in the ring with the direction of the cap's strap.

Float type

A	B
6 to 9 mm (0.24 to 0.36 in.)	9 to 13 mm (0.36 to 0.51 in.)

Use a combination of the air nozzle A, air nozzle B, and air nozzle 1.

■ How to connect the battery and the main unit

① Open the cap of the NESTOUT outdoor battery and attach the battery connector to it.

\*Please pay attention to the orientation of the battery connector. The side without the indent is the side that connects to the battery.

\*Screw on the battery connector tightly until there is no gap.

\*It may be a little difficult to screw on the battery connector. This is normal.

② Check that the power switch on the main unit is set to 0 (Off).

③ Check the orientation of the USB Type-C plug on this product and the USB Type-C port on the NESTOUT outdoor battery when connecting.

\*When it is inserted until there is no gap, the lock will engage.

Power LED

Battery lock release button

• If the power LED on the NESTOUT outdoor battery is off, press the power button on the NESTOUT outdoor battery to turn it on.

• To remove the main unit from the NESTOUT outdoor battery, press the battery lock release buttons on both the left and right sides to release the lock beforehand.

■ When inflating

① Open the valve of the air mattress so that air can enter.

For the position and operation method of the air mattress valve you are using, please refer to the instruction manual of each product.

② Attach the air nozzle to the valve of the air mattress.

• Please refer to "■ How to select air nozzles" to choose the appropriate air nozzle.

• If the valve has a check valve, air may be difficult to enter depending on the stiffness of the check valve. In that case, use a valve without a check valve, or insert the inflation aid into the check valve before attaching the air nozzle.

③ Attach the pump's air outlet to the air nozzle.

④ When you slide the power switch on the main unit to 1 (Light) or 2 (Strong) and turn it on, inflation will start.

■ When deflating

① Open the valve of the air mattress so that air can enter.

For the position and operation method of the air mattress valve you are using, please refer to the instruction manual of each product.

② Attach the air nozzle to the valve of the air mattress.

• Please refer to "■ How to select air nozzles" to choose the appropriate air nozzle.

• If the valve has a check valve, air may be difficult to enter depending on the stiffness of the check valve. In that case, use a valve without a check valve, or insert the inflation aid into the check valve before attaching the air nozzle.

③ Attach the pump's air inlet to the air nozzle.

④ When you slide the power switch on the main unit to 1 (Light) or 2 (Strong) and turn it on, deflation will start.

• Depending on the structure of the air mattress, the air passage inside the air mattress may become blocked, preventing air from escaping. In that case, use the pump to remove the air while widening the air passage or folding the mattress.

How to use (continued)

■ Fire bellows (Only for DE-NESTGPMF1)

The nozzle of the fire bellows is telescopic, reducing fatigue when building a fire. The shield protects your hand and the battery from heat and sparks, allowing you to build a fire safely. When using the product with the NESTOUT outdoor battery of 2-port type, replace its shield with the heat shield (L).

• 1-port type

• 2-port type

Use the heat shield (M).

Use the heat shield (L).

① Remove the screw. While turning it, hold the opposite side to prevent the nut from falling.

② Remove the heat shield (M).

③ Attach the heat shield (L).

④ Tighten the screw.

• For safety, be sure to extend the telescopic nozzle when using the product, and do not use it while the main unit and the battery are near fire.

• Do not bring the product close to fire while the power is OFF and no air is being sent from the main unit. The telescopic nozzle may become extremely hot.

⚠ The telescopic nozzle may be hot while it is near fire and immediately afterward. Be careful enough not to burn yourself when touching it directly.

Maintenance

During maintenance, wipe the product with a soft, dry cloth. If the product is badly soiled, wipe it with a cloth that has been soaked in water or diluted neutral detergent and wrung dry.

⚠ • Be sure to remove the NESTOUT outdoor battery before doing maintenance procedures on this product. It is very dangerous if the power is accidentally turned on and the motor rotates.

• Never wash the main unit with water. Do not use benzene, paint thinner, alcohol or hot water.

Specifications

Power supply (sold separately)	NESTOUT outdoor battery	
Estimated operating time from a full charge *1	Approx. 40 to 80 min	
Maximum static pressure *2	Approx. 3.0 kPa (0.44 psi)	
Maximum air volume *2	Approx. 160 L/min (42.3 gal/min)	
Air volume mode	2 modes (strong, light)	
Compatible valve diameter *3	Rotating type	Outside diameter: 14 to 26 mm (0.55 to 1.02 in.)
	Opening/Closing type	Inside diameter: 13 to 32 mm (0.51 to 1.26 in.)
	Float type	Inside diameter: 6 to 13 mm (0.23 to 0.51 in.)
Rated voltage	DC5 V	
Current consumption	3 A	
External dimensions *4	Pump	Approx. W46 × D64 × H44 mm (W1.8 × D2.5 × H1.7 in.)
	With fire bellows *5	Approx. W93 × D218 to 705 × H167 mm (W3.7 × D8.6 to 27.8 × H6.6 in.)
Weight *4	Pump	Approx. 84 g (2.96 oz)
	With fire bellows *5	Approx. 150 g (5.29 oz)

\*1 When using the 5000mAh Power Bank, the operating time depends on the airflow setting. Operating time may be shorter due to battery degradation or ambient temperature.

\*2 This product was measured according to test methods conforming to ISO 5801 and JIS B 8330 standards.

\*3 Even within the compatible diameter range, this product may not be usable with certain air mattress valve shapes. Compatibility with all models is not guaranteed.

\*4 Not including the battery and the air nozzle.



\*5 The fire bellows is included with DE-NESTGPMF1 only.




Safety Precautions

English (EN)

Regarding icons

The instructions in this manual and labels on this product use various icons to ensure the safe and correct use of this product and to prevent harm to you and other people as well as to prevent property damage. These icons and their definitions are as follows. Please fully understand this before reading the main text.

	Ignoring these precautions may lead to erroneous handling that may cause death or serious injuries.
	Ignoring these precautions may lead to erroneous handling that may cause serious injuries or damages.

-  Prohibited action
-  Mandatory action
-  Situation that needs attention

Be sure to observe the following precautions to ensure safe use.

WARNING

- Stop using the product immediately in the cases listed below and consult the store you purchased it from.
  - Smoke, abnormal odors, or noises are coming from the product.
  - When the product is wet.
  - Foreign materials or liquids have entered the product.
  - If the case is damaged.

A fire or electric shock may result from continued usage.

- Plug the connector all the way in firmly. A loose connection may result in fire or electric shock due to insufficient contact.

- Do not allow liquid to enter this product or wet it. Doing so may cause malfunction, overheating, fire, burns, or electric shocks.

- Do not attempt to disassemble or modify the product. Fire, electric shock, or injuries may result.

- Do not draw in flammable items such as gasoline, kerosene, or paint thinner, or sources of ignition such as flames.

Doing so may cause fire, ignition, or burns.

- When using the included fire bellows, be sure to extend the telescopic nozzle before use. Using it while the main unit and the battery are close to fire may cause fire, ignition, or burns.

- Do not use air nozzles other than the included ones. Fire, electric shock or malfunctions may result.

- Do not allow conductive foreign objects (such as metal pieces or pencil lead) to come into contact with the charging terminal on this product and do not allow dust to get inside it. Allowing this to happen can cause fire, burns, injuries, or electric shocks.

CAUTION

- Before using this product, check that there is no foreign matter such as dust or liquid on the main unit, battery, or connector terminals. Exposure to water or entry of foreign matters may cause fires, electric shocks, or malfunctions.

- Do not use or store the product in the following places.
  - Places exposed to direct sunlight and locations with high temperatures, such as near a space heater.
  - Places with high humidity or close to water sources.
  - Places with a lot of dust.
  - Places with a lot of vibration.

Fire, electric shock or malfunctions may result.

- Do not use or store the product near places with a lot of dust such as comforters. Doing so may cause a fire or malfunction.

- Stop using this product immediately if you notice damage, such as cracks, deformation, or deterioration. Do not use alcohol or other chemicals on this product.

- Remove this product from the NESTOUT outdoor battery or power supply if it will not be used over a long period of time. Not doing so can cause malfunction.

- Do not drop the product, subject it to strong shocks, or place objects on it.

- Please keep out of reach of children.

- If the product body becomes dirty, wipe it with a soft, dry cloth. If the product is badly soiled, wipe it with a cloth that has been soaked in water or diluted neutral detergent and wrung dry.

- Do not block the air inlet or the air outlet. Using this product with the air inlet or the air outlet blocked may result in overheating, leading to malfunction, deformation, fire, or electric shock.

- Do not use the product for any purposes other than those described in the instruction manual. Doing so may cause fire, ignition, electric shocks, or burns.

- A slight temperature rise of the product during use may occur and that is normal.

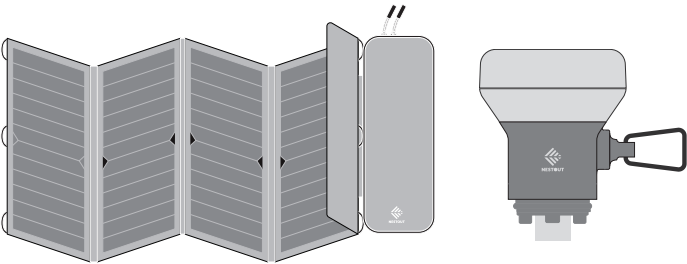
- Follow the guidance of the local municipal government when disposing of this product. Inquire about the regulations with your local government.

Limitation of Liability

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Air Pump Compliant Model: DE-NESTGPM  
Manual, Safety precautions, and Compliance with regulations  
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