



<Information on AS and Return>

- The return and exchange A/S processing of our products proceeds according to the following regulations, so please read them before consulting with our Customer Center.
- Warranty period: 6 months free from the date of purchase, 3 years paid
 - For online purchase: Attach online purchase statement.
 - Offline (store) purchase: Attach receipt.
(Receipts in effect under the Tax Law / Excluding simplified receipts)
- Damage caused by user's negligence within the warranty period will be charged.

<For Paid Processing>

- When purchasing online - When it is impossible to confirm the date of purchase
- Offline purchase - If there is no purchase receipt (Simple receipt is not effective)
- Damage or breakdown due to negligence in use or connection methods other than our products and products recognized by us
- Damage or breakdown due to fire, earthquake, wind/water damage, lightning, and other natural disasters or pollution, damage due to salt, abnormal voltage, etc.
- Damages and breakdowns caused by remodeling and disassembly are in principle not to be repaired for fee even if the product is within the warranty period, and repairs may be made depending on the situation.
- For products that received paid treatment, a free A/S period is applied for another 3 months from the date of paid treatment.
- Consumable parts A/S warranty period: Consumable parts are processed free of charge for 6 months from the date of purchase (Stainless strainer, adapter, etc.)

<Customer Center>

Customer Center : Lot 4, Block 134, #201, D-dong, 15, Neungheodae-ro 595beon-gil, Namdong-gu, Incheon, Republic of Korea

Customer Consultation : 1899-3677

Homepage : **Korean** www.dogtoto.com / **English** www.dogtoto.co.kr

YouTube Search : Dogtoto

Operating Hours : Mon~Fri (Closed on Saturday, Sunday, public holidays)

10:00 am ~ 5:00 pm (Lunch time 12:00 ~ 1:00 pm)

Product Specification/Product that satisfies the lowest consumption efficiency

- | | |
|---------------------------------------|----------------------------------|
| - Product name : Happyloo | - Model name : Happyloo H20GW |
| - Pump power : DC12V, 5W | - Main body : 330*180*365H |
| - Defecation board size : 650*500*75H | - Country of manufacture : Korea |
| - Manufacturer : Dogtoto Co., Ltd. | - Customer Center : 1899- 3677 |

HAPPYLOO



User Manual

Flush Automatic Defecation Board for Dogs



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Precautions before Use

Thank you for purchasing Happyloo, a flush-type automatic defecation board. We recommend that you read the User Manual carefully, and keep the Use Manual so that you can find it at any time.



Be sure to use a verified outlet and a dedicated power cable.

- Using multiple products in one outlet at the same time may cause fire.
- As the earth leakage breaker comes down, a power failure of the TV may occur.



Be careful not to push the power plug upward or press it.

- There is a risk of fire or electric shock due to water leakage or damage to the plug.
- Plugs with a grounding terminal must be installed in a grounding outlet.



Precautions When Operating the Power Plug or Button

- Never touch the power plug with wet hands. It is the cause of electric shock.
- Do not use damaged power cords, plugs, or loose outlets.
- Make sure that there are no foreign substances such as dust or water in the contact area of the power plug or button.



Precautions When Using Happyloo Direct Type

- Never disassemble, repair, or modify the main body at your discretion.
- For direct connection type, please follow the instructions of an expert, and if you install it yourself, please connect it with a depth of 10mm or more to the fitting for the water purifier to prevent water accidents.
- For direct connection, it is recommended to install it in a toilet or veranda with a sewer.
- **If the pump does not sound the first time after assembly, unplug the discharge hose connection and reconnect after the air is exhausted.**
- Please refer to the YouTube search word 'How to Install Dogtoto' when connecting the Happyloo Super direct type to the water supply.

Defecation Board Assembly Parts and Product Features



<Please Check the Defecation Board Assembly Parts.>

- 2 transparent hoses (long, short)
- 2 nozzles, 2 L fittings, 3 fixing rod hooks, transmitter sensor (sensor + fixing rod), collecting channel passage cover, 6 screws
- Power supply 12V adapter, stainless strainer, 3 rubber feet
- Other parts separately

<Understanding the Defecation Board>

- Please note that the circular whitening on the Board is not a defect, but is inevitable outcome caused by the injection pressure due to the deep and many supports. This occurs when the color is dark.
- Do not remove the rib at the corner of the defecation board as it is a support for the mesh plate.
- Use the extra rubber feet to align it as horizontally as possible, and the slight wobble or twist will return to normal by gravity after time.

<Product Features>

- This is a flush-type automatic defecation board for medium and large dogs.
- It is detected when the dog urinates and automatically cleaned after 2 minutes.
- It is a pleasant eco-friendly system with no odor and no waste.
- There is no movement, so the dog can use it easily and comfortably.
- The water filling amount is 10L, and it can be used 10 times, 1L each time.
- It is convenient to clean up with a simple defecation board separation within 10 seconds.
- There is an option for a 26cm tall male stand that can be used by large dogs.
- This is a trouble-free infrared transmission/reception, electronic spider web sensor.
- When the sensor jack is plugged in, if blue light is on, it is in standby (ready) state.
- When the washing water quantity increase switch is turned on, the amount of washing water increases to 1.5L each time.
- In the case of a direct type Super, if it is turned on, it is sufficiently washed twice every 1500cc.
- There is a red one-touch power button 'on the right side of the Side'.
- There is a black manual wash button 'on the left side of the Side'.
- It is a safe system without electric shock with 12V power.



How to Assemble the Defecation Board

*** Since it is plastic, when screwing in the screw, press it down slightly and do not tighten it too forcibly.**



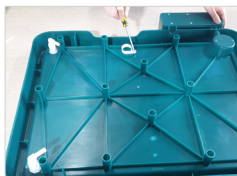
Align the direction of the nozzle and insert it into the upper part of the defecation board.



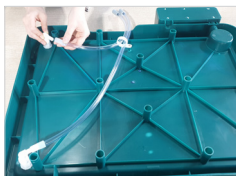
Tighten the nozzle by turning the screw from the bottom.



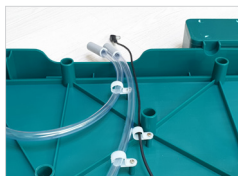
Insert the fitting deeply into the 2 inlets.



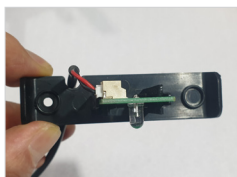
Fix the fixing rod hook in the same direction with screws.



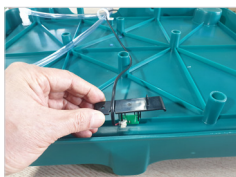
Connect a short transparent hose through the hook and plug it into the silicone.



Pass the transparent hose and sensor line through the hook.



Insert the transmitter LED sensor into the fixing rod.



Make sure the sensor line passes in the upper left corner.



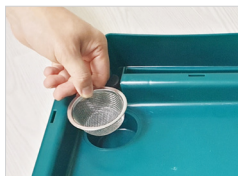
When the screw is tightened, the transmitter LED enters the upper hole.



Fix the collecting channel passage cover with screws.



Insert the rubber feet into the 3 legs with arrows.



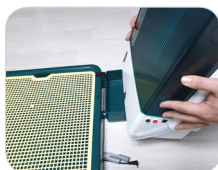
Place the stainless strainer in the circular collecting channel.

Main Body assembly and Operation Test



Assembly of the Main Body

<3 Steps of Separation: 1.Power jack 2.Sensor jack 3.Inlet pipe>



Lift the main body and place it on the square collecting channel.



Insert the transparent inlet pipe into the gray silicone for about 1cm each.



After plugging in the sensor jack, connect the power jack from the back.

Waste Water Container Connection and Water Quantity Increase Switch



Put the silicone hook on the bottom so that the lid does not come off.



Turn the lid and connect it to the waste water container.



There is a water quantity increase switch and a power jack on the back.

<Operation Test> – Stop for 3 seconds, then auto wash for 2nd time.







- When testing after assembly, check the operation by touching the manual wash button.
- In case of water leakage or an emergency, quickly turn it off by pressing the power button.
- When water is sprayed on the defecation board, turn the nozzle by hand to adjust the spray angle.
- When the sensor is activated, the green light flashes and water is sprayed after 2 minutes.
- In the case of direct type, when the increase switch is turned on, the spraying quantity is increased two folds from 1,500 cc to 3,000 cc.
- It is normal for water to accumulate in the collecting channel and it serves as a sewer odor backflow prevention trap.
- If the blue light is not turned-on after plugging in the sensor jack, press the power button to reset again.
- The defecation board and main body work normally when it is horizontal, so if the floor is sloped, use the rubber plate to level it



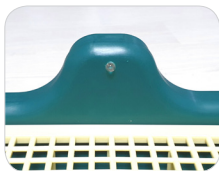
About LED Colors and Sensors

Artificial intelligence LED judging by color



-  **Green** Power On
-  **Blue** Waiting for sensor after connecting sensor jack
-  **Red** No water
-  **Green light** In operation, wash after 2 minutes
-  **Purple light**
Water overflow prevention sensor operation due to discharge pump failure
-  **Yellow light**
Hose clogged, discharge pump stops after 5 minutes of continuous operation

Errorless, facing infrared sensor



Sensor transmitter



Sensor receiver (Automatic cleaning after 2 minutes when the sensor operates.)



Lower part of sensor transmitter

<About the Sensor>

- The sensor consists of an infrared transmitter protruding from the defecation board and a receiver (black) on the body side.
- When infrared rays are transmitted and received every 0.5 seconds, it is in a normal standby state and blue light is on. If there is an infrared light jam in the middle, the green light blinks and water is sprayed after 2 minutes. Check that foreign objects do not cover the front of the receiver.
- If the sensor jack is poor in contact or transmission/reception is bad, the green light turns on and it operates continuously, so temporarily unplug the jack and manually press the button to use.
- Please note that the sensor may be operated by sunlight, remote control, or strong light.
- Make the eaves by applying wide tape on the top to prevent water from flowing into the sensor jack.
- The sensor jack is sensitive, so if there is moisture or water, wipe it dry before inserting it.
- The male stand is a material through which infrared rays pass. If there is any foreign substance on the front of the receiver, wipe it clean.

Precautions and Notes (Check)



<Precautions for Happyloo>

- When refilling the main body with water, empty the waste water container completely so that it does not overflow.
- When the end of the discharge hose touches the sewage, the water flows back, so shorten the length from the lid.
- Put a sticker for eaves on the top to prevent water from flowing into the button and sensor jack.
- Do not bend or fold the discharge hose, and beware of freezing in winter on the veranda.
- There are a lot of urinary stones, so clean the parts under the main body with a wet tissue once a month.
- In case of a water container type other than a direct type, extending the discharge hose may cause malfunction. If you want to extend the hose, place the end of the discharge hose higher than the defecation board.
- If the main body overflows, it may cause malfunction. When replenishing water, fill it up to just below the MAX so that it does not overflow to the side. This is because there is a hole inside the cover through which the hose passes.

<Knowing Happyloo – Checking>

● Black button: wash ● Red button: power

1. Before assembling the main body, use the rubber feet to properly level the defecation board.
2. When connecting the transparent inlet pipe to the gray silicone, insert only about 1cm.
3. When refilling the main body with water, empty the waste water container completely so that it does not overflow.
4. The blue light is ready for automatic cleaning. When the sensor is detected, the green light flashes and water is sprayed after 2 minutes.
5. Extend the discharge hose and, when the pump sound is loud during the initial operation, and it spins, pull out the hose connection for a while and then plug it in again after the air is exhausted. In the case of a water container type, place the end of the discharge hose at a higher position than the defecation board.
6. When reducing the amount of washing water, turn the water quantity increase switch on the back to OFF.
7. Attach the tape for eaves on the top to prevent water from flowing into the sensor jack.
8. If the water does not stop flowing from the nozzle of the defecation board, open the black cover inside the water container and remove the debris from the air hole in the upper part of the hose after operation.
9. When resetting, touch the power button or unplug the power jack and plug it back in.
10. When training the defecation, attach the mesh plate with tape to fix it.
11. When training the defecation, unplug the sensor jack and press the wash button to use. hole inside the cover through which the hose passes.



Q&A Appendix (About dogs)

Q1 It's an automatic defecation board, but why isn't the feces treated automatically?

A : Insofar as the defecation treating machine is concerned, dogs are instinctively reluctant to move for some reason. It's a completely different dimension from cats, and it's best to treat urine only for dogs who are quick to notice because of their fearful habit of defecating only in comfortable places. So, if there is a moving urine and feces treating machine, even if a dog is trained right now, the dog won't be using it soon. The defecation treating problem should be treated only with urine according to the height of the dog's eyes.

Q2 What to do with urine on the mesh?

A : If you spray an automatic spray to clean the urine from the mesh, if there are feces on the mesh, water will get on the feces, causing a bigger problem. Happyloo handles a large amount of urine, about 30~100cc, which falls under the mesh. Urine on the mesh is only a few drops of about 0.3 ~ 0.8cc, so it dries out within 5 minutes. It really doesn't matter much to you.

Q3 Is it possible to train a dog who has continued to use the pads?

A : Dogs who have been using the pads for a long time will not be able to adapt to the defecation board immediately. The first training method is to first place a defecation board in the corner of the house and place a delicious snack in the inner corner for dogs to step on the mesh and play. Then, secondly, cut the pad into $\frac{1}{2}$ to $\frac{1}{4}$ and put a little urine and put it on the mesh to facilitate training.

Q4 Urine smell is terrible, so why don't we take care of it right away and do automatic cleaning after 2 minutes?

A : When a dog defecates, it urinates first, comes down, moves back and forth, and begins to defecate again after about a minute. Wash with water slowly after 2 minutes, taking into account when it defecates.

Q5 Isn't the dog afraid of the sound of water from washing?

A : Dogs aren't scared because they usually hear the sound of sink water and toilet water. However, they may be a little curious for a few days after purchase.

Q&A Appendix (About dogs)



Q6 Where is the wisest choice to place the defecation board?

A : Placing it in the current place of defecating is the surest way to do it. However, if the location is changed, it can be confusing at first, so when the dog tries to urinate for about a week, you should quickly notify the changed location. And when the dog does well, you must reward with a snack.

Q7 The cleaning power seems weak, can't it be cleaned more strongly?

A : If you use a powerful pump, it will not only make a loud noise, but the water stream of the washing water is so strong that it bounces off the legs of the mesh, and water gets on the feces, making it more troublesome. The biggest reason for treating urine with water is to remove the terrible smell, so the current washing power is sufficient.

Q8 Would it be OK to put utensils or water bowls right next to the defecation board?

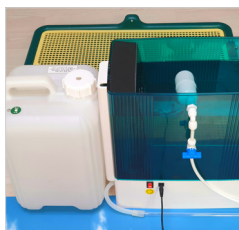
A : Absolutely not. If the place where the dog eats and the place where it defecates is the same, you can't train defecation or other training properly. Keep a distance of at least 3 meters.

Q9 Is it true that defecation training is difficult if you often spray perfume in the room?

A : The dog's favorite smell is the smell of sweat and feet of the dog owner, and the smell that he hates the most is the smell of perfume. The smell of perfume blurs one's judgment and interferes with defecation, so avoid using it as much as possible



<Water container type>



<Direct type>



<cleaning>

I seek a happy companionship with my dog!





MEMO

