



## R T D7210 Touchless Flush Sensor Module User Manual

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### R T D7210 Touchless Flush Sensor Module User Manual



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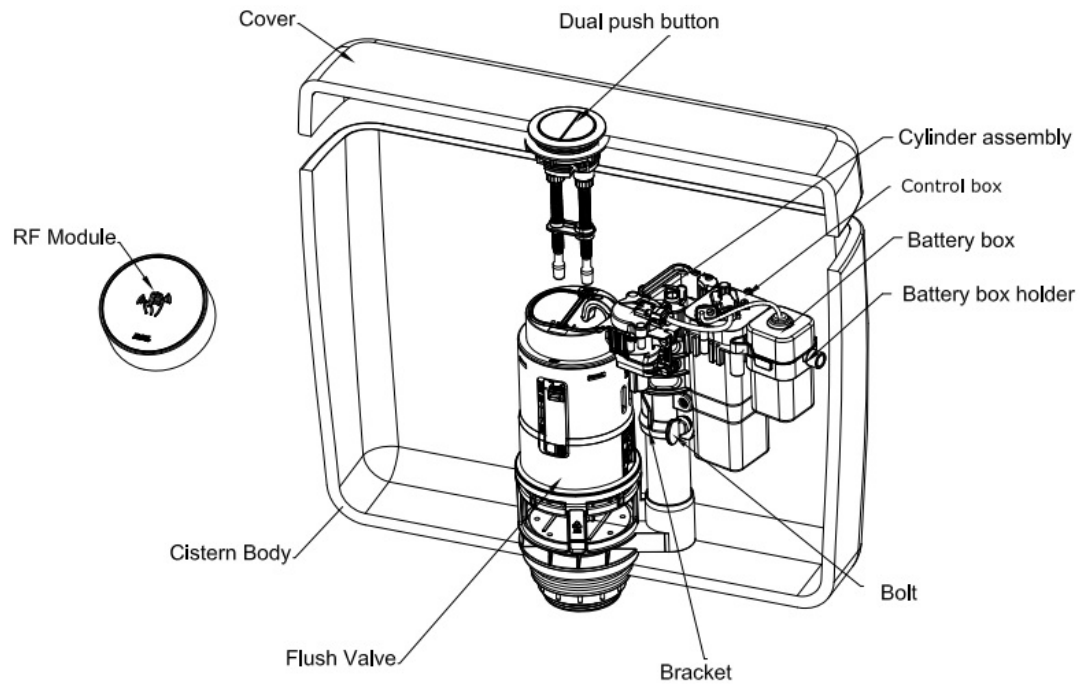
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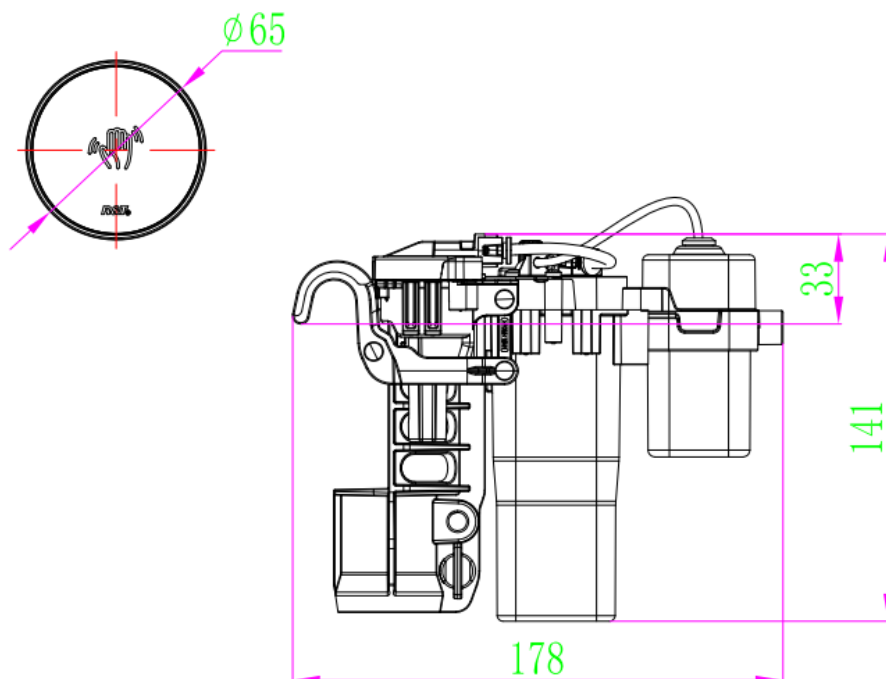
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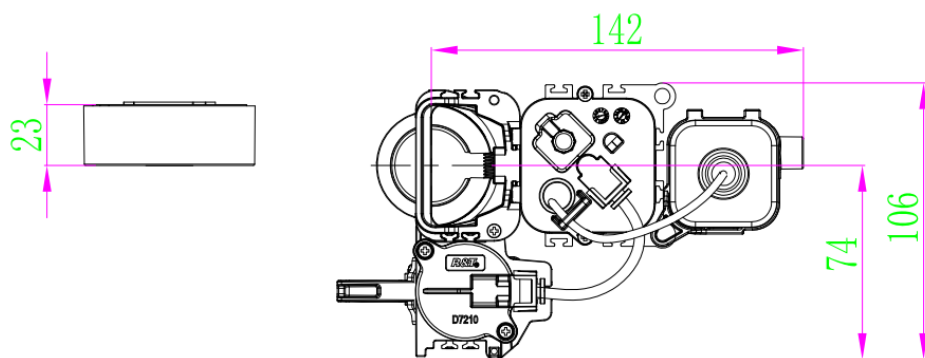
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## INSTRUCTION

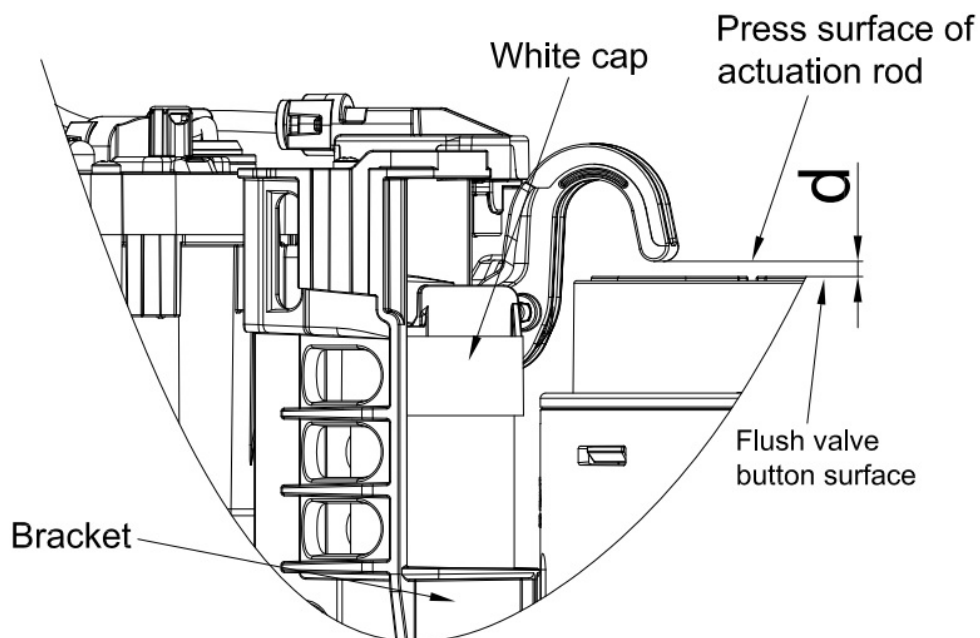


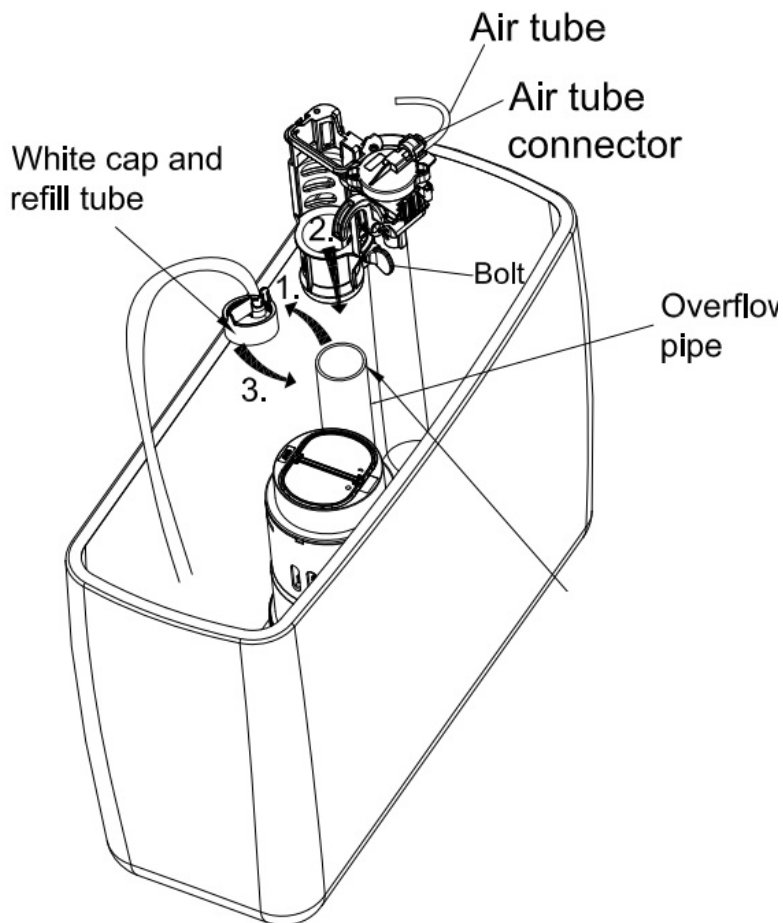
## DIMENSION



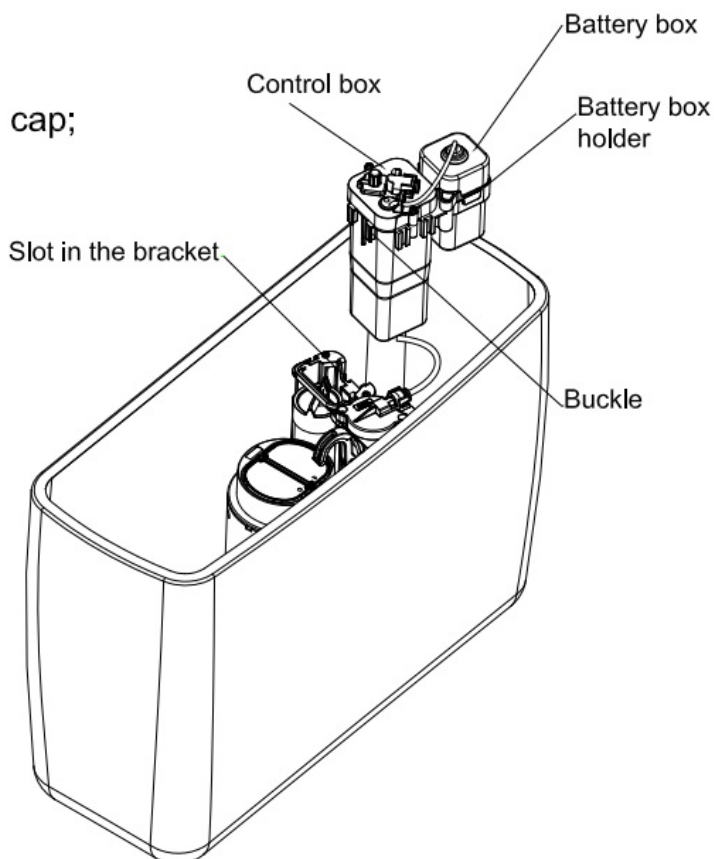


1. Take out all related accessories (refer to the accessories list)
2. Remove white cap and refill tube firstly. Then, insert bracket into the overflow pipe (The outer diameter of overflow pipe is 026mm- 033mm. Installation bushing is needed if the outer diameter <030mm), adjust the height, snap actuation rod to button (To half flush button if a dual flush valve), and tighten bolts. The relative height range of overflow pipe and flush valve button is shown as below. Re-install the white cap and refill tube after installation.

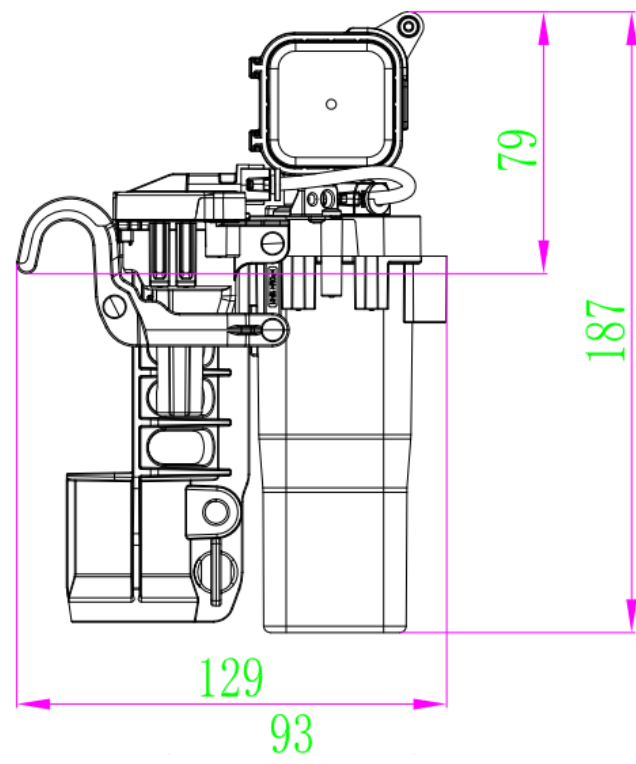
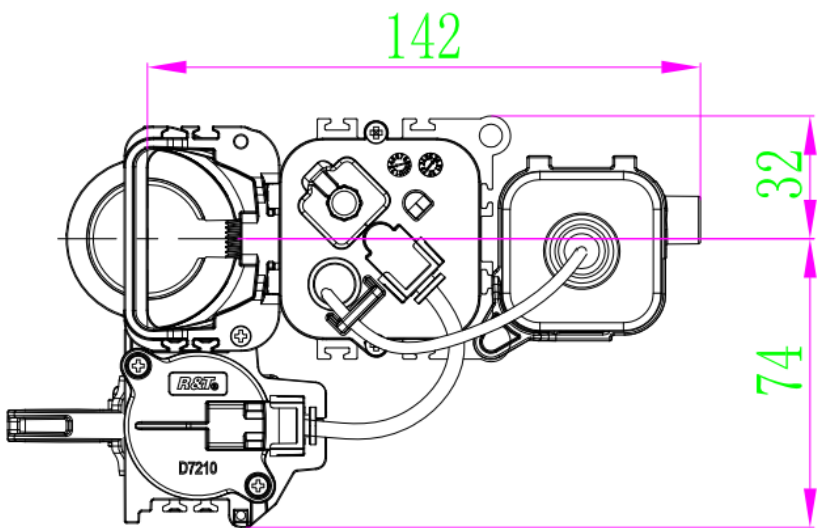
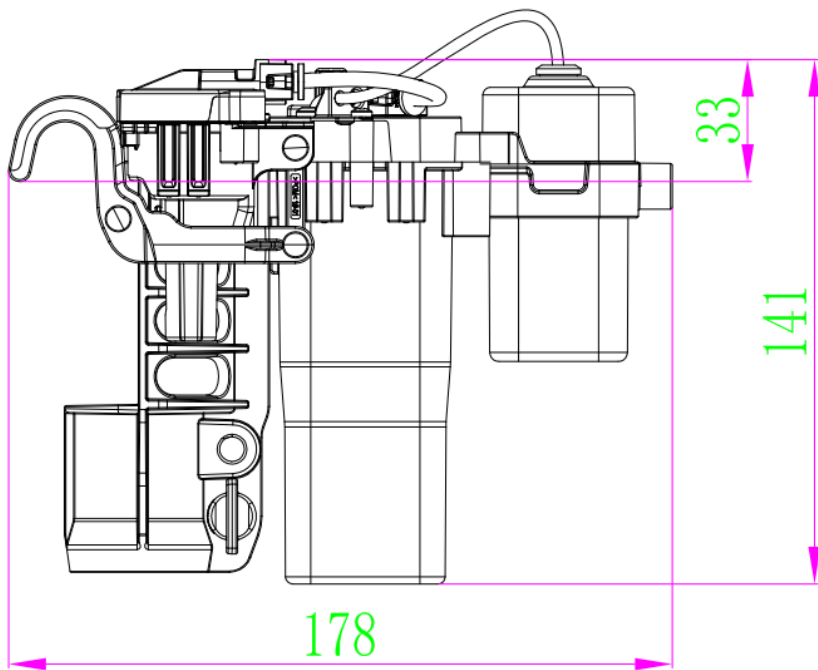


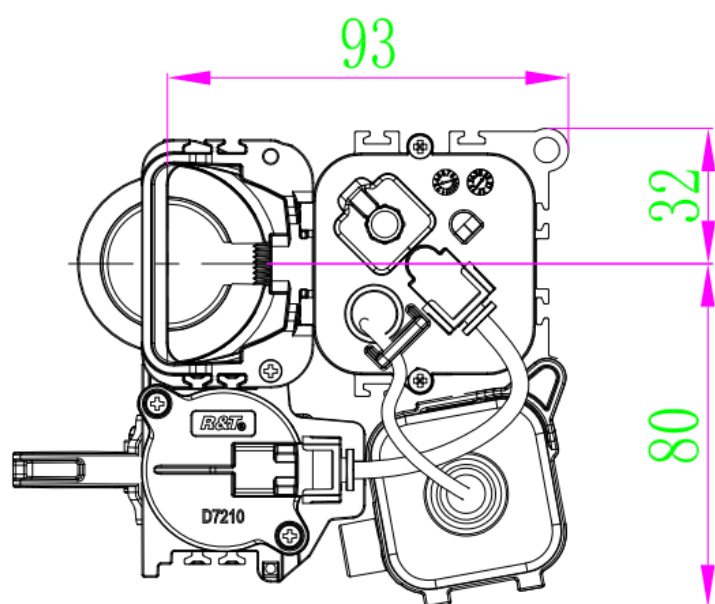
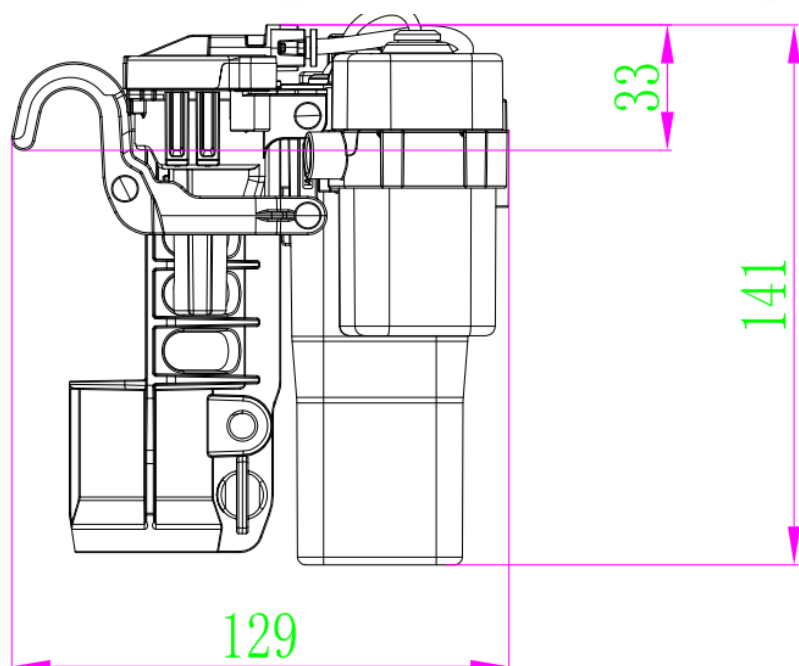
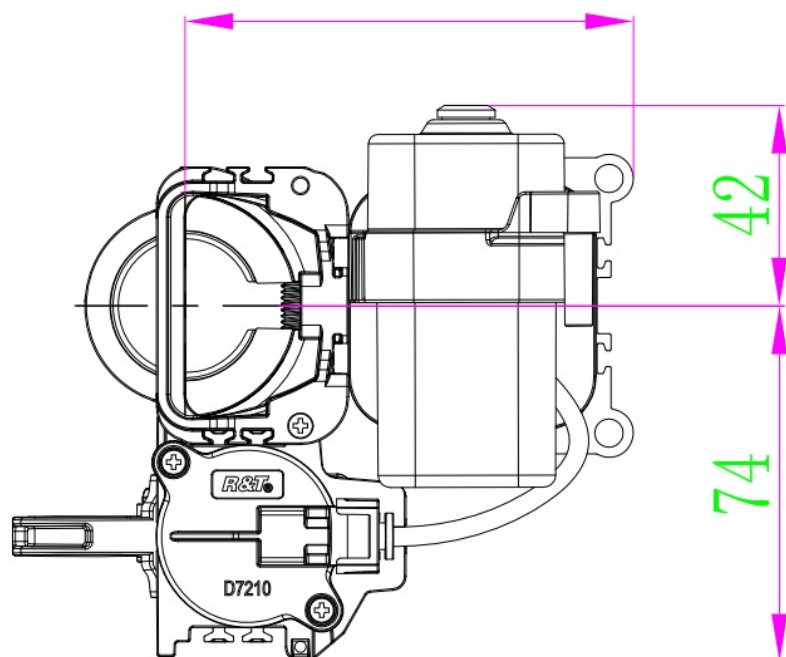


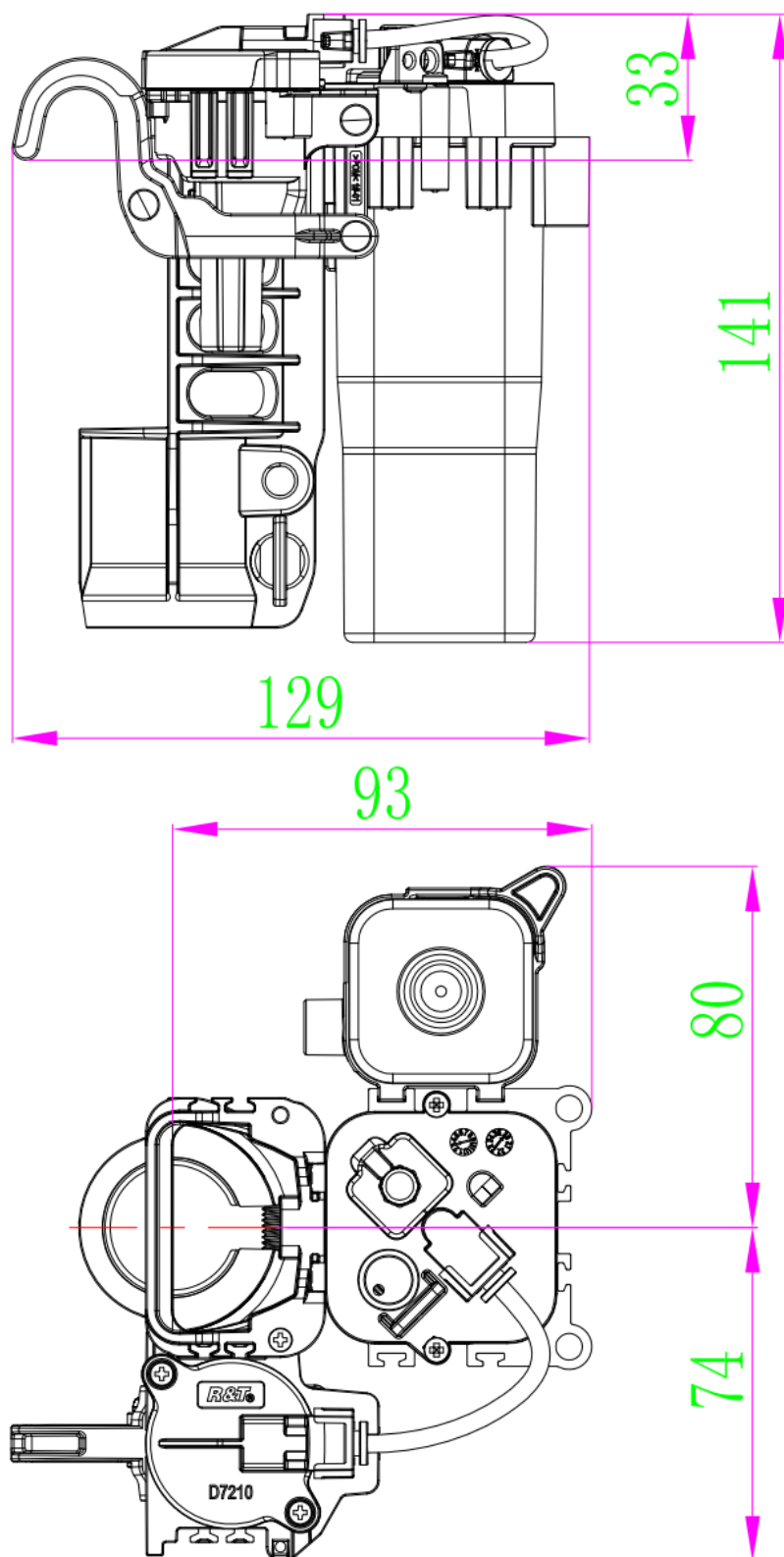
3. Insert the buckle in the control module into the slot in the bracket. Then put the battery box into the hanger and connect it with the control module (choose one of the four connection methods on page 3 according to the water tank space). And finally insert the air pipe(about 18mm) into the connector of the cylinder and the control module separately.



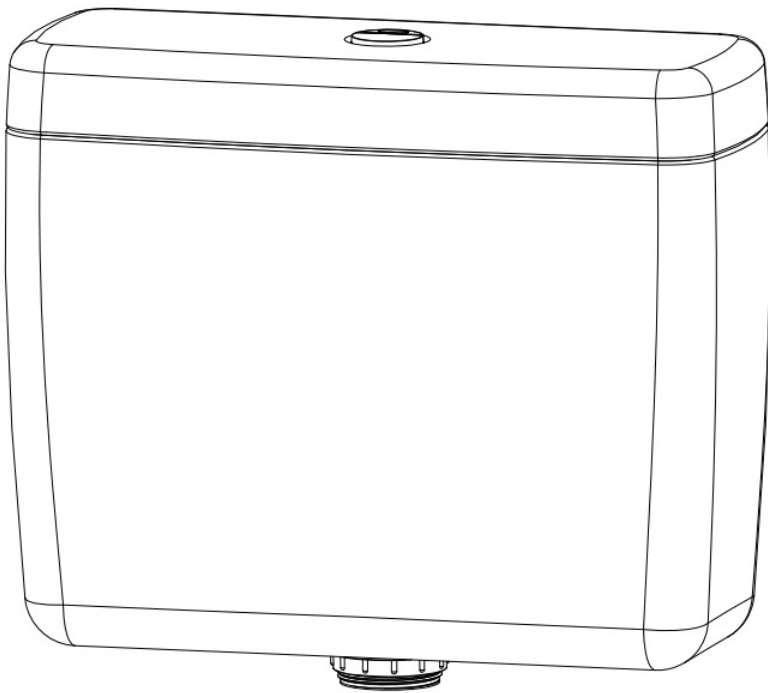
## BATTERY BOX INSTALLATION







INSTALLATION COMPLETED



### TROUBLESHOOTING

Issue	Cause	Solutions
Low flush volume	1. The installation position of the actuation rod is too high and it is not pressed on the flush button properly. 2. The air pipe is not installed in place resulting in air leakage. 3. The actuation rod interferes with the flush valve during the pressing process.	1. Re-adjust the fixed position of the bracket. 2. Re-insert the air tube into the quick-connect assembly. 3. Re-adjust the relative position of the actuation module and the water tank.
No automatic flushing when waving hand	1. Hand is outside of sensing range. 2. Insufficient battery voltage (Sensor module indicator flashes 12 times slowly) 3. Code matching is not completed.	1. Put hand within sensing range (2-4cm) slowly. 2. Replace the batteries. 3. Re-match codes according to instructions.
Leakage	The installation position of the drive rod is too low, causing the water stop pad to not be close to the drain.	Re-adjust the fixed position of the bracket.

### Specifications



Power Supply	4pcs AA alkaline batteries (battery box)+ 3pcs AAA alkaline batteries (wireless sensor module)
Operating temperature	2'C-45'C
Maximum sensing distance	2-4cm

## Instructions

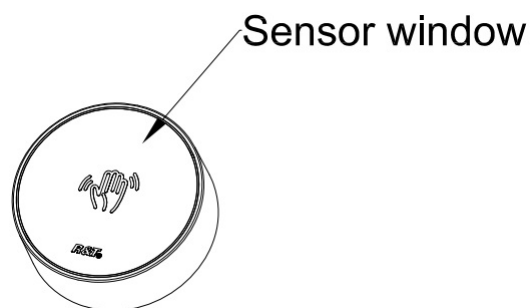
### Sensor Flushing:

When hand within the sensing range <Ms, a half flushing is activated. When hand within the sensing range »1s, a full flushing is activated (Re-sensed after hand away). The indicator lights up when sensing received.

### Low-voltage reminder:

If the battery voltage of sensor module is low, when sensing, sensor module indicator flashes 5 times and perform flushing. If the battery voltage of control box is low, when sensing, sensor module indicator flashes 12 times and perform flushing. Please replace the battery accordingly for normal use

Flush volume adjustment



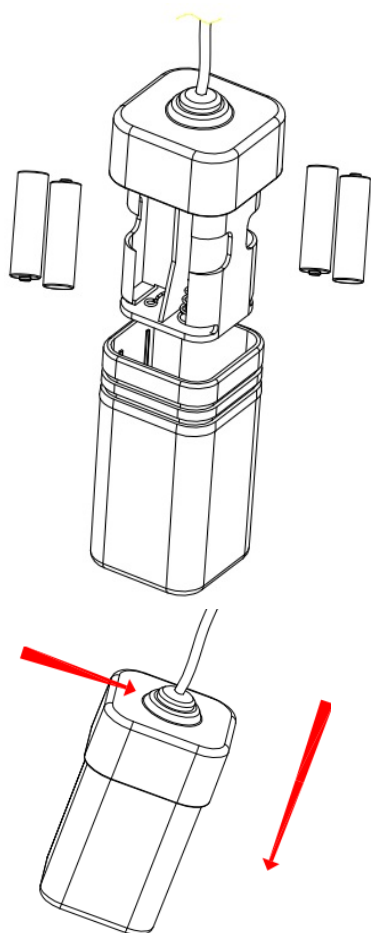
### Hand wave adjust:

1. Within 5 minutes of power-on or exiting hand wave adjustment mode, 5 consecutive effective sensing at intervals less than 2S (cylinder movement completed to next hand wave). Gear is successfully adjusted if action performed automatically after no operation for 10S after 5 times of flush.
2. Adjust level to the maximum if the flush volume corresponded is not the Or restore to the level before.
3. Exit hand wave adjustment mode after no operation for 15s.

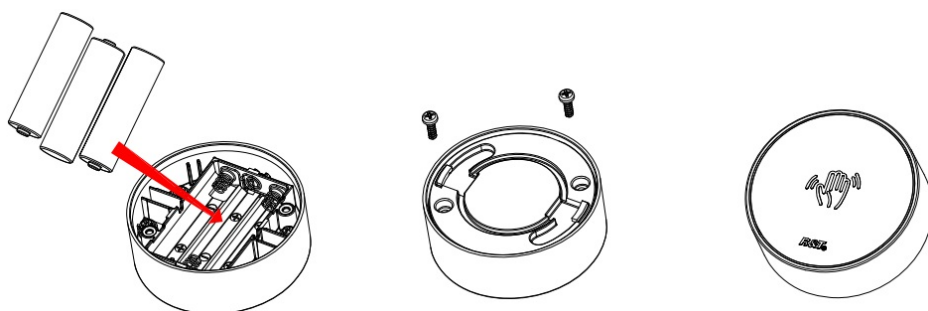
### Battery installation

1. Only use 4pcs 5V AA alkaline batteries (for battery box), 3pcs 1.5V AAA alkaline batteries (for RF sensor module). Batteries not supplied.
2. Do not mix old and new batteries or different battery
3. Battery life will be significantly reduced when using non-alkaline
4. The system will act automatically once when powered on.

### Battery box



#### **RF Sensor Module:**



The D7210 Touchless flush kit drive module is a new product developed by our company based on the general increase in hygiene awareness around the world. Especially during the outbreak of the epidemic, people need a touchless controlled flushing module to prevent cross-infection during the epidemic and daily contact with bacteria during the manual flushing. However, the cost of completely replacing the entire flush valve is very high and it is not convenient as well. Therefore, people need a set of sensor-driven flush module kit that can be directly connected to the user's existing flush valve to add the new sensing flush function. Therefore, D7210 is a new product with complete functions, intelligence, hygiene and high cost performance.

#### **Cautions**

1. Read all operation and installation instructions carefully, and install step by step according to the instructions to avoid damage to the product or bodily injury caused by improper
2. Please do not use corrosive cleaners or solvents, or any chemical composition agent in the water. Cleaners or solvents containing chlorine or calcium hypochlorite will seriously damage the accessories, resulting in shortened life and abnormal functions. The company will not be responsible for the failure of this product or other associated damages due to the use of the above-mentioned cleaning agents or solvents.

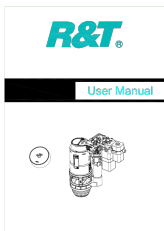
3. Keep sensor window clean and away from
4. The working water temperature range of this product is: 2°C-45
5. The working pressure range of this product is: 0.2Mpa-0.8Mpa.
6. Do not install the product near or in contact with high temperature objects.
7. It's recommended to use 4pcs 'AA' alkaline batteries for power
8. Due to technology or process updates, this manual is subject to change without notice.

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## Documents / Resources

	<p><a href="#">R T D7210 Touchless Flush Sensor Module</a> [pdf] User Manual D7210-01, 2AW23-D7210-01, 2AW23D721001, D7210, D7210 Touchless Flush Sensor Module , Touchless Flush Sensor Module, Flush Sensor Module, Sensor Module</p>
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