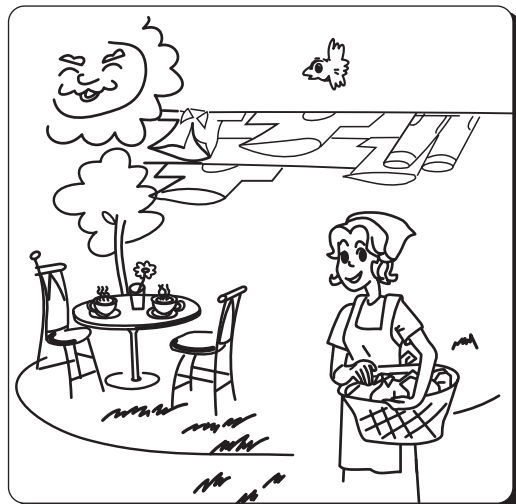


# Haier

Condenser Tumble Dryer

HDY6-1



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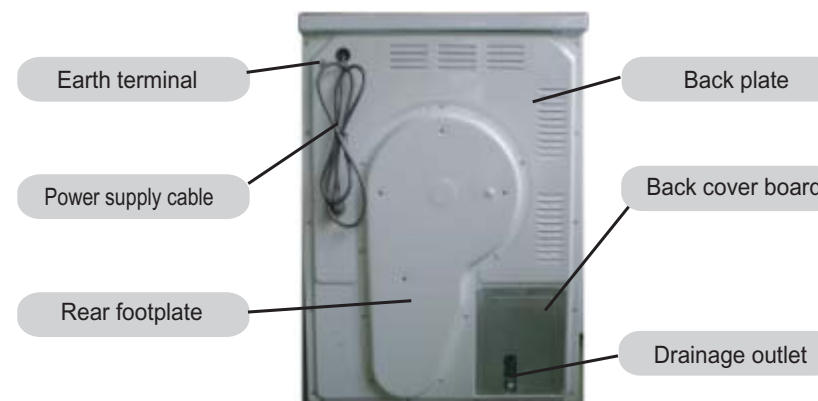
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## Name of Parts



**Warning** Read all instructions before using dryer. dryers are provided with operating, care and installations instructions

**SAVE THESE INSTRUCTIONS**

This diagram may be slightly different from the layout of the washing machine you have just purchased due to techinal improvements

# Important Safety Instructions

**⚠ WARNING** To reduce the risk of fire, electrical shock, or injury to persons when using this dryer, follow basic precautions, including the following:

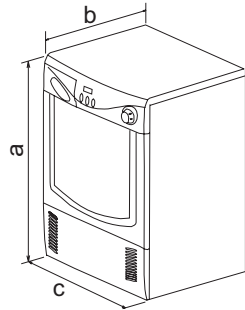
1. Read all instructions before using this dryer.
2. Do not dry items that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, cleaning solvents, kerosene, waxes, etc. Do not store these spotted with gasoline, cleaning solvents, kerosene, waxes, etc. Do not store these items on or near the dryer. These substances give off vapors that could ignite or explode.
3. Do not allow children to play on or in the dryer. Close supervision of children is necessary when the dryer is used near children.
4. Before the dryer is removed from service or discarded, remove the dryer door to prevent accidental entrapment.
5. To prevent injury, do not reach into the dryer if the drum is moving. Wait until the dryer has stopped completely before reaching into the drum.
6. Do not install or store this appliance where it will be exposed to water and /or the weather.
7. Do not tamper with controls.
8. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have skills to carry out.
9. To prevent fire, do not use heat to dry items containing plastic, foam rubber or similarly textured rubber-like materials, or items containing feathers or down.
10. Do not place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
11. Clean lint screen before or after each load.
12. This dryer must be properly installed in accordance with the installation instructions before it is used .
13. To prevent shock hazard and assure stability during operation, the dryer must be installed and electrically grounded by a qualified service person in accordance with local codes.
14. Always disconnect dryer from electrical supply before attempting any service. Disconnect power cord by grasping the plug ,not the cord.
15. The dryer must only be used for its intended purposed.
16. Do not sit on top of the dryer.

# Important Safety Instructions

17. If the supply cord is damaged, it must be replaced by the manufacturer ,its service agent or similarly qualified persons in order to avoid a hazard.
18. Do not operate the dryer if any parts are missing or broken.
19. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of the appliance.
20. Keep surrounding areas free from the accumulation of lint, dust and dirt.
21. Avoid fire hazard or electrical shock. Do not use an adaptor plug or extension cord or remove grounding prong from electrical power cord. Failure to follow this warning can cause serious injury, fire or death.
22. The appliance must not be installed behind a lockable door ,a sliding door or a door with a hinge on the opposite side to that of the tumble dryer.

# Installation

- Dimensions
  - a = 855 mm
  - b = 620 mm
  - c = 595 mm
  - Weight = 38 Kg



## ● Packing accessories

Checklist of the accessories and materials provided with the machine:

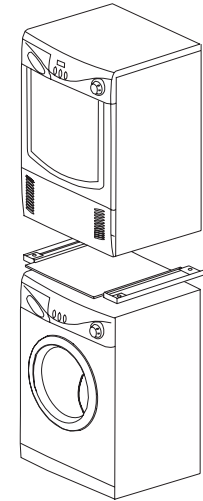
Name	Owner's manual	Certificate of Conformity	Drainpipe
Quantity	1	1	1

- To ensure the dryer operating normally, attention must be paid to the following in placement:
  - The dryer must be horizontally installed. Its bottom is equipped with adjustable base angles. Adjust these 4 angles to level before operation;
  - Check whether there is any damage to the dryer during transportation. Any damaged dryer must not be electrified. In case of any damage, contact your dryer supplier;
  - The dryer must be kept away from flammable or detonable substances;
  - The surrounding environment must be dry and ventilated;
  - Do not install the dryer on any hairy carpet because the normal ventilation of the vent hole may be blocked;
  - To allow the dryer to perform better, the ambient temperature shall not be lower than 10°C nor higher than 35°C.

# Installation

## ● Column Installation

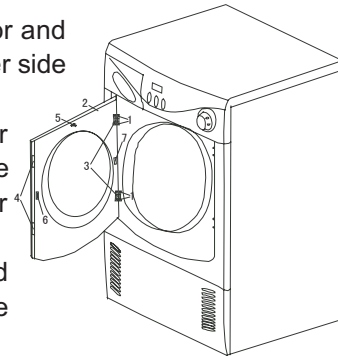
To save space, the dryer may be installed on a prepositioned drum washing machine using a folding frame. This dryer can be placed with the HBF series washers by a folding frame. For specific installation, refer to the instructions for the installation of the folding frame.



## ● Change the door-opening direction

If the direction of opening the dryer's door is not suitable to the location, its opening direction may be changed. The detailed operating procedures are as follows:

- Screw off the 4 screws(1) fixing the door's hinge to remove the door(5);
- Remove the hinge(3) from the door and take off the hinge cover(4) at the other side and fix the hinge back;
- Screw off the screws fixing the door switch(6) to remove the door switch. Take off the door switch cover(7) at the other side and fix the door switch back;
- Put the removed hinge cove(4)r and door switch cover(7) into the side opposite to the door;
- Remove the 4 corks and the door lock cover from the front panel and put them on the other side of the front panel;
- Fix the door on the other side of the machine.



## ● Drain switchover

During the drying of the laundry, the condensate water is automatically collected in the box inside the machine, so that the water needs to

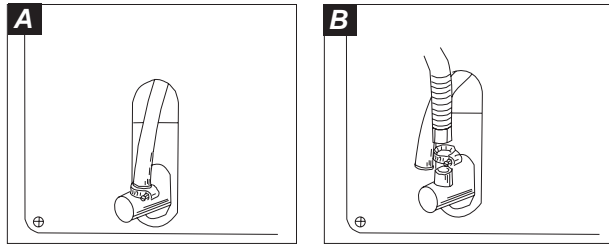
# Installation

be removed from the box after every drying of the laundry. If your dryer is in the vicinity of a drainage, you may allow the condensate water being discharged directly into the drainage through the drainpipe provided as accessory so that to avoid emptying the box for every time.

The method to connect the drainpipe is as follows:

1. Loosen the hose clip with the drain switchover joint;
2. Pull the hose off the joint;
3. Install the accessory drainpipe in place;
4. Fix the hose clip.

Note: The outlet of the drainpipe must not be higher than 1.2 m above the floor.



# Preparation

## ● Attention:

1. Before operation, clean off the dusts and dirties inside the drum of the dryer by a wet towel;
2. Clean off debris on the filter screen and in the duct to increase the drying efficiency.

## ● Turning on power

Before turning on the power for the dryer, check:

- Whether the supply voltage is in accordance with the value indicated on the nameplate;
- Whether the supply receptacle can withstand the maximum power load to the dryer;
- Whether the supply receptacle is in accordance with the plug of the dryer. If not, replace the power supply cable or receptacle to make them accord with each other; The replacement of the power supply cable must be made by a qualified professional or our authorized service agent;
- The dryer must be grounded securely.

## ● Treatment of laundry to dry

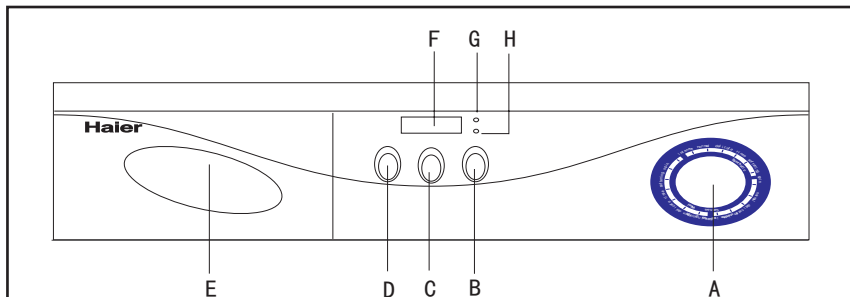
- Check whether the laundry to be dried is suitable to be dried in the dryer;
- The dryer can only dry the laundry that has been spun dry. Do not put too wet laundry into the machine;
- Empty all pockets of the laundry with such items as keys and coins and remove the adornment that is not suitable to be dried;
- Pull up zippers, sew and mend up loosened fasteners and tie up dispersed ribbons to prevent the laundry from being entangled. If necessary, put small items into a net.
- To achieve a better drying result, shake the heavy laundry and make it loose before load it into the dryer.

## ● Load to dry

Laundry type	Cotton fabric	Synthetic fabric
Maximum load	6Kg	3kg

Warning: Do not dry wool, silk, down and other delicate fabrics to avoid damage to fabrics.

# Control panel



## A - Program knob

Turn this knob to choose the drying program you desired. This type of dryer has 15 program options available for you to choose. For description of specific programs, refer to the list of programs on Page 10. At the same time, this knob also serves as a power switch. When it is turned to "OFF," the power supply turns off; when the drying program is selected, the power supply turns on.

## B - Start/Pause button

After turning on the power, select the drying program you desired. Gently touch this button to start the dryer. Gently touch this button again during the operation of the dryer and the indicator light and display screen will flash digits and the machine will be halted. Press the button again and the program will continue to operate.

## C - Delicate button

After this function is selected, the corresponding indicator light will be on and the low power heater will operate. During the operation of a program, the drying temperature will decrease so as to have a better care of the delicate laundry.

## D - Delay button

Gently touch this button before a program starts. You may choose to start the dryer after a preset time. The delay range is between 1 and 24 hours. Every touch of the delay button will make an increment of one hour. When in excess of 12 hours, the remaining time will be redisplayed. After a delay time is set, gently touch the Start/Pause button to the start the delay operation and the indicator light will flash.

# Control panel

## E - Condensate collection box handle

The condensate collection box is used to store the condensate during the drying. When the program is complete, empty the condensate collection box timely.

## F - LED screen

The screen displays the remaining time for a program, the delay time and other related information.

Note: The remaining time to start a program is the default time for the program. During the operation, with the variation of the factors such as the moisture content the actual remaining time program will be automatically adjusted until the preset drying result has been achieved and the program is complete.

## G - Indicator light for cleaning up the condensate collection box

When this light is on, it indicates that the condensate collection box is full of condensate. Please empty the box. At this time the operation of the program will be halted. After the box is emptied, press the Start/Pause button and the program will continue to operate.














## H - Indicator light for cleaning the filter screen

When this light is on, it indicates that the program has operated in the cold air cycle and will be complete soon. It prompts the user to clean the filter screen after the program is complete.

## C+D composite button and children lock function

During the operation of a program, you may press and hold down both buttons for 10 seconds to set up the children lock function if necessary. At this time, the display screen shows the remaining time and the lock alternatively, and the control panel will be locked. Press and hold down both buttons for 10 seconds once again and the children lock will release.

# Programming Guide

Program	Degree of Drying	Time	Max.Lading	Recommended Laundry Type
	 Very dry	2:00	6Kg	Heavy cotton fabrics, sheets
	 Dry	1:50	6Kg	Cotton fabrics, sheets, coats
	 Slightly damp	1:40	6Kg	Ordinary cotton fabrics
	 Ironing damp	1:30	6Kg	Ordinary cotton fabrics
	 Machine ironing damp	1:20	6Kg	Ordinary cotton fabrics
	 Very dry	1:00	3Kg	Ordinary synthetic fabrics
	 Dry	0:50	3Kg	Ordinary synthetic fabrics
	 Slightly damp	0:40	3Kg	Ordinary synthetic fabrics
	 Ironing damp	0:30	3Kg	Ordinary synthetic fabrics
<b>MIX</b>	Ironing damp	1:00	3Kg	Blend fabrics
	20 Timing drying for 20 minutes	0:20	6Kg	Heavy fabrics, needing further drying
	30 Timing drying for 30 minutes	0:30	6Kg	Heavy fabrics, needing further drying
	40 Timing drying for 40 minutes	0:40	6Kg	Heavy fabrics, needing further drying
	60 Timing drying for 60 minutes	1:00	6Kg	Heavy fabrics, needing further drying
	Cold /	0:20	6Kg	Delicate fabrics

Note:

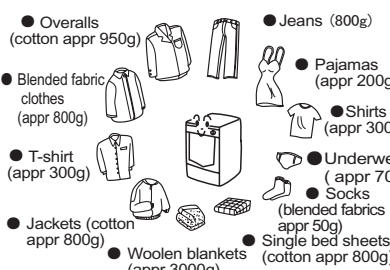
- Laundry drying time may extend or shorten depending on the following:
  - Fabric type;
  - Amount of loaded fabrics;;
  - Degree of spinning dry of fabrics;
  - Ambient temperature..
- Before the laundry is dried, check the labels on the fabrics carefully. Do not put those that cannot be dried by a machine into the dryer to dry them, particularly the delicate fabrics. Too high temperatures may cause damage to them.

# Drying Methods

- Turning on power**  
Insert the power plug into an appropriate receptacle to turn on the power.  
Operating power supply: (220-230)V~/50Hz.
- Laundry loading**  
Open the door and place the treated laundry into the drum of the dryer.  
To save energy and achieve a better drying result, please spin the laundry as dry as possible. Place the laundry evenly into the drum after shake them loose.  
Note: Do not put excess laundry into the dryer to avoid damage to the dryer and laundry.  

Reference weight of fabrics for drying

  - Overall (cotton appr 950g)
  - Blended fabric clothes (appr 800g)
  - T-shirt (appr 300g)
  - Jackets (cotton appr 800g)
  - Woolen blankets (appr 3000g)
  - Jeans (800g)
  - Pajamas (appr 200g)
  - Shirts (appr 300g)
  - Underwear (appr 70g)
  - Socks (blended fabrics appr 50g)
  - Single bed sheets (cotton appr 800g)


- Setting drying program**  
Turn the program knob to set an optimal drying program according to the laundry type and the drying result desired to achieve.
- Delicate function setting**  
For the delicate laundry that needs special care, choose this function button. Once this function is selected, the drying program will operate with a low heating power and the drying temperature will be low too. And the drying time will automatically increase by 20 minutes.
- Delay setting**  
You may choose to start the dryer after a preset time. The delay range is between 1 and 24 hours.
- Program operation**  
After a program is set, gently touch the Start/Pause button to start the program.
- Program completion**  
Before the drying program comes to end, the dryer will enter in the cold air cycle where the heating will stop.  
After the program is complete, the display screen will display "End." Open the door to remove the laundry.  
If the laundry is not removed in time after the drying program is complete, the dryer will start in the anti-crease protection cycle automatically.  
In the anti-crease protection cycle, the dryer's drum will run in a set interval to keep your laundry loose.
- Turning off the dryer**  
Turn the program knob to the "OFF" position to cut off the power supply and turn off the dryer.

## Cleaning and Maintenance

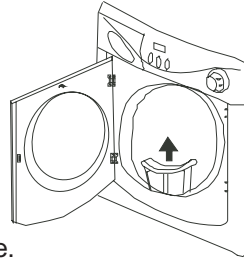
### 1. Cleaning the surface

Wipe off the dusts and dirties on the body of the dryer and the surface of the main control panel by a cleaning cloth. Remember not use any organic solvent or corrosive agent in cleaning to avoid damage to the machine.

### 2. Cleaning the filter screen

To ensure a good ventilation effect during drying, the filter screen must be cleaned after every drying program is complete.

Open the door to remove the filter screen from the machine. Open the screen and clean off the lints on the screen and handle by a wet towel. After cleaning, put the screen back in place.



### 3. Empty the condensate collection box

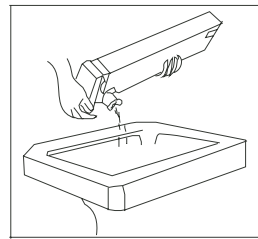
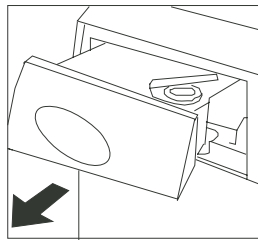
During the operation of a program, steam condensate into water is collected in the box. The box must be emptied in time after the program is complete.

- Hold the handle of the box and take out the box. When the box is taken out, keep it level to prevent the condensate from overflowing;

- Pour away the condensate water. Note: the condensate water can not be used for drink or for food processing;

- Put the box back in place.

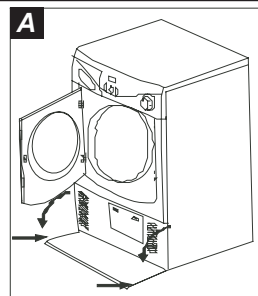
If the box has not been cleaned in time, the dryer will alarm automatically when the box is full. The indicator light is on when the box is emptied and the dryer will stop. It will not restart until the box is emptied.



### 4. Cleaning condenser

The condenser must be cleaned monthly. Cut off power supply before cleaning.

- Hold the protrusions on both sides of the lower deco panel and open the lower deco panel;



## Cleaning and Maintenance

- Using a coin or other tool, push the slides on the cover to the position as shown in the figure and then remove the cover;

- Turn the condenser's handle 90 degrees in the direction as shown in the figure;

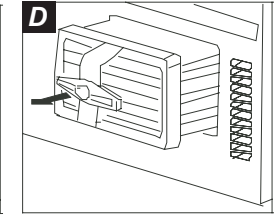
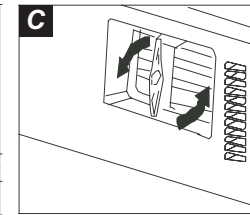
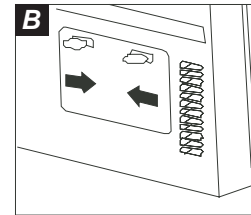
- Remove the condenser from the dryer;

- Clean the condenser by a brush or flush it by a water jet;

Note: Do not use a sharp tool in cleaning the heat exchanger, otherwise it may damage its sealing performance;

- Put the condenser back in place and lock up the cover;

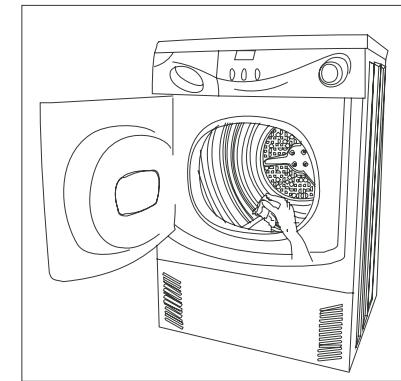
- Put the lower deco panel back in place.



### 5. Cleaning the drum

After the dryer has operated for a time, fabric caring agents or calcium contained in the water will form an almost invisible segregation layer on the inside of the drum.

This makes the dryer not able to reliably and accurately identify the dryness of the laundry. So the inside of the drum, especially the stainless steel pieces on the blades must be cleaned regularly by a wet cloth.



## Trouble shooting

Those listed below are not failures. The following must be confirmed before calling for service:

Problem	Possible Cause
The dryer does not start	<ul style="list-style-type: none"> <li>● Whether the power supply plug peels off;</li> <li>● Whether the local circuit is out of power;</li> <li>● Whether the door is closed tightly;</li> <li>● Whether a drying program has been set;</li> <li>● Whether the Start/Pause button has been pressed;</li> <li>● Whether the condensate collection box is full;</li> </ul>
The drying result is not good and the drying time too long.	<ul style="list-style-type: none"> <li>● Whether the drying program setting is correct or not;</li> <li>● Whether the filter screen has been cleaned up;</li> <li>● Whether the condenser is blocked;</li> <li>● Whether the amount of the loaded laundry exceeds the rated load;</li> <li>● Whether the loaded laundry has been spun dry;</li> <li>● Whether the vent duct is blocked;</li> <li>● Whether the surface of the inside of the drum gets a segregation layer;</li> </ul>
The light in the drum is off	<ul style="list-style-type: none"> <li>● Whether the power supply turns on;</li> <li>● Whether the bulb is damaged;</li> </ul>
The remaining time display is halted, or the remaining time displayed by skipping degression	<p>The remaining time will be adjusted and corrected continuously and automatically based on the following factors:</p> <ul style="list-style-type: none"> <li>● Type of laundry;</li> <li>● Loaded amount;</li> <li>● The degree of spinning dry of laundry;</li> <li>● Ambient temperature;</li> </ul> <p>The automatic adjustment is a normal operation.</p>

## Trouble shooting

### Prompt and Alarm Information

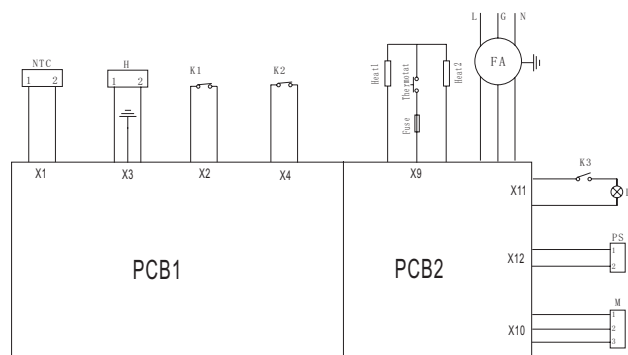
In case of an improper operation or trouble with the machine when it operates, the code corresponding to the trouble will be displayed on the display screen:

Code	Category	Cause	Solutions
E1	Prompt code	Prompting the door not closed tightly	Shut the door closely and restart the machine
E2	Trouble code	There is no change in the temperatures of the laundry in the tub	Contact a professional serviceman
E3	Trouble code	The laundry not dried	Contact a professional serviceman
E4	Prompt code	Prompting there is no load or the loaded laundry has reached the requirements for the dry setting	Turn off the power and reselect a program to cancel the code
E5	Trouble code	The thermal sensor open-circuited or short circuited	Contact a professional serviceman
E6	Trouble code	Drain pump fails	Contact a professional serviceman

**Note:** All information except for E1 needs to turn off the power and then restart the machine to cancel the code.



## Wiring Circuit



FA-Electromagnetic interference inhibitor

Heat1 – Heating1    Heat2 – Heating2    L – Bulb

Fuse-Thermal fuse    T – Thermostat    NTC – Temperature sensor

PS – Drainage pump    M – Motor    H – Humidity sensor

K1 – Level switch    K2 – Door switch    K3 – Light switch

PCB1, PCB2 – Printed circuit board

## Specifications

Item	Type	HDY6-1
Power supply		(220-230)~/50Hz
Maximum operating current(A)		15
Rated load		6Kg
Drying program		15
Maximum power(W)		2850
Dimensions(H×D×W)mm		855×620×595
Weight ( kg )		38
Waterproof level		IPX4



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