BRÜHM®

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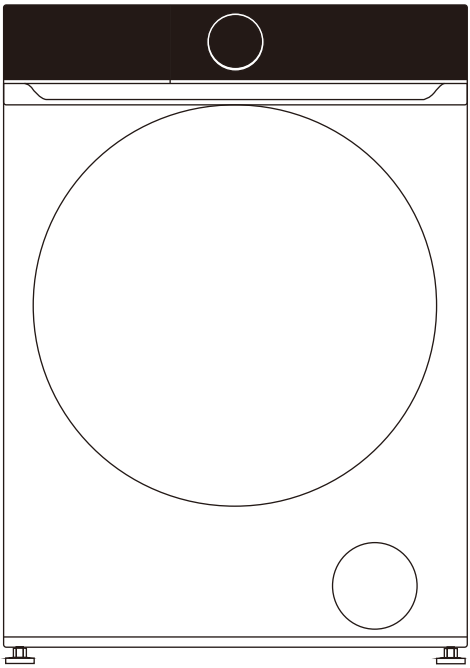
INSTRUCTION MANUAL

FRONT LOADING WASHING MACHINE

BWF-080S
BWF-100S



Caution: *Read and follow all safety and operating instruction before first use of this product.*

Warning:

• Please note safety precautions prior to use.
• Please keep the manual properly for later reference.
• Thanks to constant upgrading, the product is subject to change without prior notice.

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Safety Precautions

Tips:

This manual contains important information about installation, use and maintenance of the washing machine. Please read this manual carefully to use the washing machine correctly and prolong its service life. The manufacturer is not responsible for any fault and loss incurred by non-compliance with the precautions specified in the installation and operation instructions, which are not within the scope of the manufacturer's warranty.

Warning

- Caution! The power socket must be reliably grounded;
- Children are prohibited to operate or climb on the washing machine or play in the washing / dewatering tub;
- Do not spill water directly on the panel during washing;
- Do not put the washing machine in a place with rain or heavy humidity;
- Please fix the drain hose before use and make sure no clogged drain;
- Never insert and unplug power plug with wet hands;
- Do not touch the door glass since it will warm up during high heat washing;
- Please timely dispose the removed packaging to avoid touching or swallowing by children;
- Keep the washing machine away from fire, and do not place any live cigarette, candles and volatile materials on the washing machine;
- After use, please close the door of the washing machine to prevent children from entering the washing / dewatering drum;
- Do not place any heavy objects on the washing machine;
- Do not repair or transform the washing machine randomly;
- Do not wash or dehydrate the clothes stained with kerosene, gasoline, diluent and other inflammables;

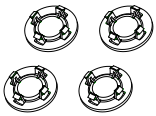
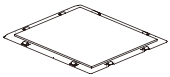
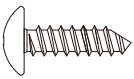
- Do not operate the washing machine in case of gas leakage;
- Do not use clothes dryer if chemicals are applied to clean clothes;
- Clean the waste collector frequently to avoid accumulation around the tumble dryer;
- Make sure adequate ventilation. In case of vent at the bottom of the washing machine, the installation instructions should state:
- The vent must not be blocked by blanket;
- Do not exhaust into the flue of burning gas or other materials.

Preparations Before Washing

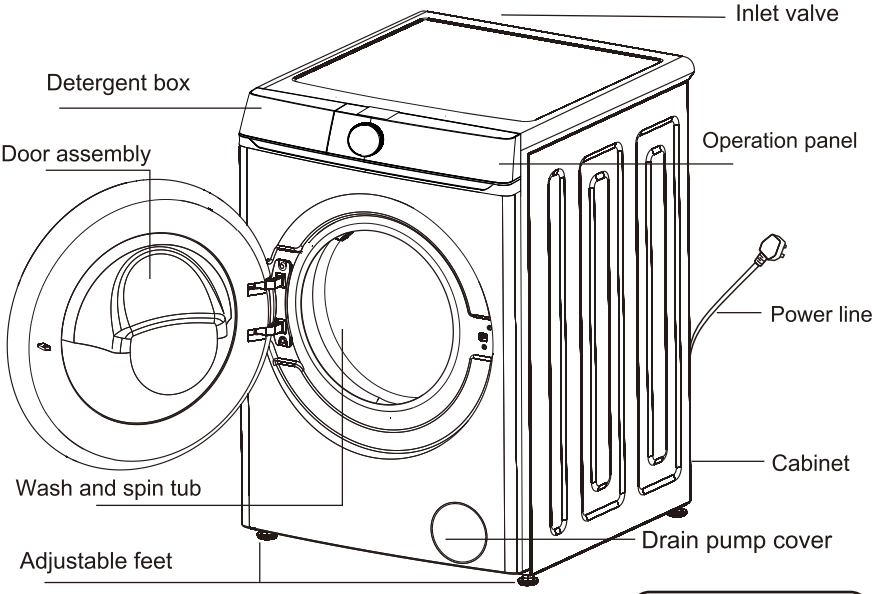
- Before washing, please check the washing guide logo on the clothes, which shows the fabric and the appropriate washing method;
- For good washing effect, please rinse the same kind of clothes in one washing cycle. For clothes of different colors, please wash them separately to avoid dyeing;
- When washing large clothes, please put two or three small clothes together to avoid dewatering fault caused by weight imbalance;
- Before washing, please check all pockets for any hairpins, coins and keys to avoid damage;
- In case of heavy stains, it is proper to scrub the stains with a small amount of detergent first, and then put clothes into the washing machine for washing, which is helpful to improve the washing performance;
- Before washing, please ensure that no clothes are clamped on the gasket to prevent damage to clothes and door gasket;
- Please fasten the belt or buttons and zip up before washing;
- For clothes prone to intertwining, wearing or knotting, please put them into laundry bag for washing;
- For clothes with easy pilling on the surface, please turn the surface over for washing;
- The rated washing capacity refers to the maximum weight limit of clothes. Please rinse clothes with less than the rated washing capacity to get good washing effect.

Component Name

Attachment specification

instruction	water supply hose	wrench	transportation bolt caps	Anti-Rat Board ×1	Screws ×8
					

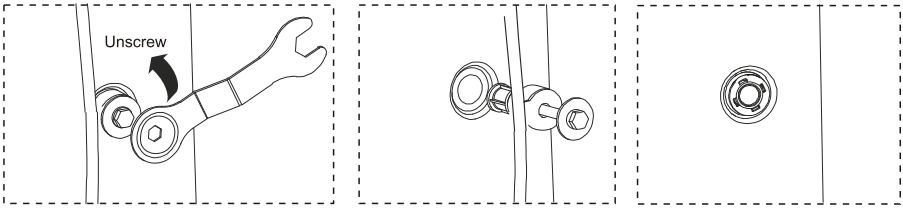
Part name



Notice：
1.The first use may drain some water out. It's residual water after performance test, belong to the normal phenomenon.
2.After each use, please pull the plug and turn off the faucet to prevent accidental flood or fire.

Important notice:
1.The product appearance and specifications may be varied without notice to raise the product quality.
2.The product appearance and specifications may be varied with that of the related energy efficiency test or the related safety test,etc.

Installation Instructions



❶ Loosen the transportation bolts counterclockwise with a wrench until it is removed

❷ Pull out transportation bolt

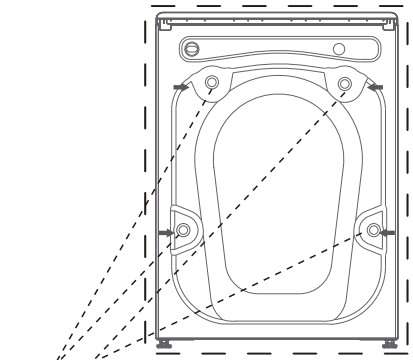
❸ Take the bolt cover and cover the bolt hole

Contact the supplier for on-site service.

Note:

• Unpacking

Fully remove the outer package of the washing machine, including carton, foam mat, etc. Please check the accessories according to the “product introduction” in the manual. In case of any discrepancy, please contact the supplier in time.

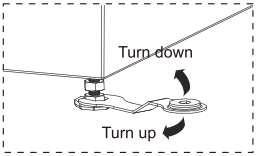


• Transportation bolts removal

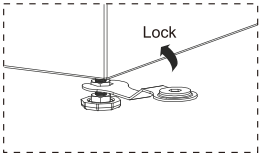
To prevent internal damage during transport, four transportation bolts are installed, which must be removed before use of the washing machine. If such bolts are not removed, strong vibration, noise and failure may occur. Whenever the washing machine needs to be transported, please reinstall such bolts to prevent damage to the interior of the washing machine during transport. Cover the bolt holes, level the adjustable feet and fasten them.

• Placement position

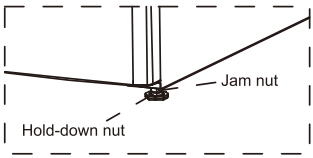
Do not place the washing machine outdoors or any place with the temperature lower than 0℃. The washing machine should be placed on a solid and flat ground with an inclination of less than 1°. If the washing machine is off balance due to uneven ground, the adjustable feet at the bottom of the washing machine can be adjusted to keep the washing machine stable. If the washing machine shakes after pressure is applied on the diagonal of the top cover, the adjustable feet must be readjusted.



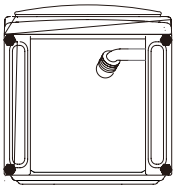
❶ Adjust the nuts under the four adjustable feet with a wrench to adjust the height of the four adjustable feet to keep the washing machine stable



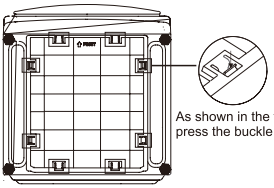
❷ After leveling, use a wrench to adjust the nuts above the adjustable feet to lock the four adjustable feet



• **Rat guard installation** (for reference only for model equipped with rat guard)



❶ Tilt the washing machine backward

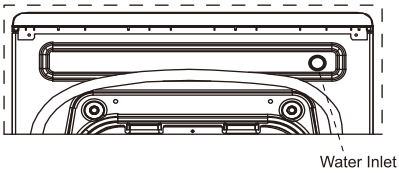


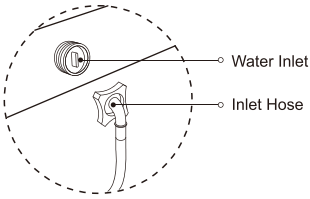
❷ Make the felt side of the rat guard inward and the arrow side forward, buckle the rat guard on the bottom plate of the washing machine case, press each buckle in turn, confirm that all the buckles on the four sides are in place .

❸ Take the 8 crews out from manual bag and fix them into the shown holes tightly, then set the machine in level.
Note: If the buckles or screws are not fixed well, there will be vibration noise.

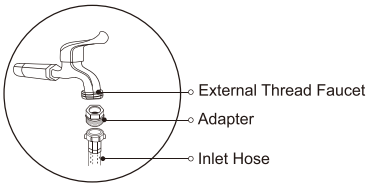
• **Inlet hose connection**

The connection method varies from the attached inlet hose, as shown on the right





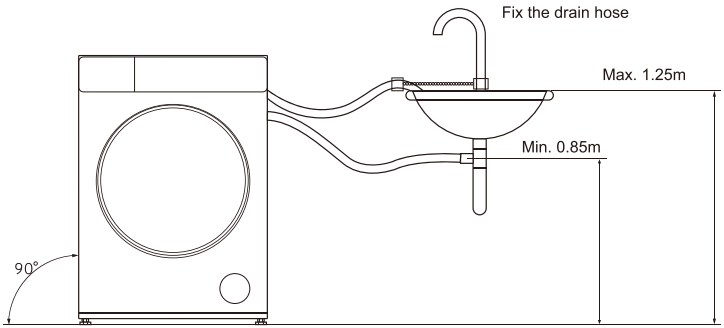
❶ Align and tighten the inlet hose with the water inlet



❷ For 4’ (1/2-inch) external thread faucet, screw the adapter to ensure sealing, and then mount the inlet hose; for 6’ (3/4-inch) external thread faucet, screw on the inlet hose directly.

The washing machine needs to be connected to the water inlet hose as provided. In order to ensure the quality, the washing machine has carried out water injection test before leaving the factory. So, residual water may exist in inner tub, door gasket and door glass, which is normal.

• Drain hose installation



The drain hose is fixed with a lifting rope. To prevent siphon, the installation height of the drainage pipe should be between 0.85m and 1.25m, and the end of the drain hose should not be immersed in water. In case of long drain hose, it is allowed to cut off a part and do not forcibly put it into the washing machine, which will cause abnormal noise.

• Power on

After the washing machine is placed steadily, please connect the power socket for power supply, with power board prohibited for use. If the power cord is damaged, it must be replaced and repaired by the manufacturer, professional maintenance department or similar qualified department to avoid danger. If the washing machine is handled in the environment with the temperature lower than 0℃ in winter, please put the washing machine at room temperature for 3 hours before use.

Introduction to Detergent Box

Synthetic Detergent Powder

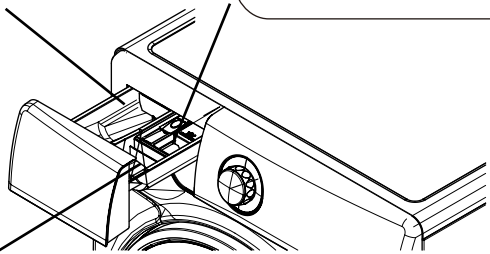
- Please dissolve detergent (e.g soap pieces)before putting into detergent box.

Liquid detergent. Bleach

- Please use detergent with less foam.
- Please use two times water to dilute the concentrated type detergent before putting into detergent box.

Softener

- Please put softener before washing, which will pour into drum automatically when last potch happening.
- When using concentrated type softener, please dilute it with appropriate water.
- Do not exceed MAX mark.



Prewashing Detergent

- Please put moderate detergent after selecting Pre-washing function if cloths is too dirty.

The above picture is just for refference,the detailed information should be based on the real product!

- Use special detergent.
- Do not use too much detergent which will cause too much foam and affect washing quality or will cause malfunction.
- Select detergent according to cloths variety, color, water temperature and contamination level.
- Please use moderate detergent to get washing effect and protect environment.

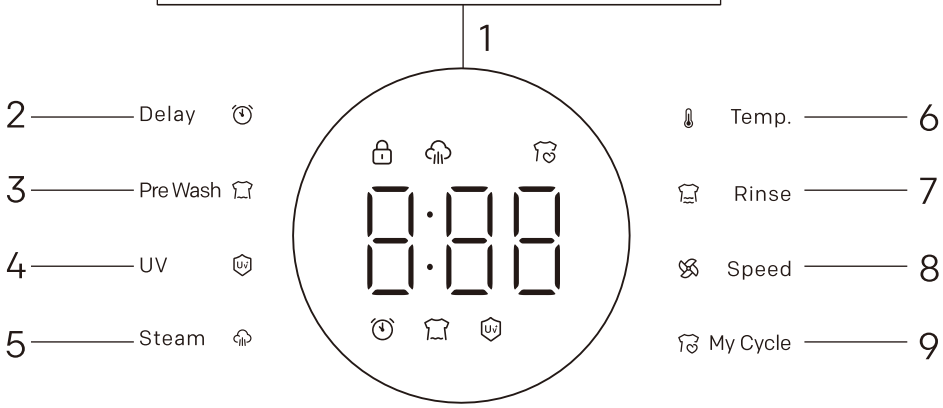
Introduction to Operation Panel Functions

Display panel

Show the remaining time, reservation time and fault code during operation;
Show the water temperature, rinse times, spin speed and pre delay time when the option is adjusted.

Knob key

Rotate the knob to select 14 laundry programs (or click the program icon for start), with the selected program bright + flashing; the left and right sides of the knob are function keys. After a program is selected (e.g. intelligent washing), click the water temperature (rinse / speed) to display the current data. Click the function key again within 2s to change the data in the program



Delay icon	Steam icon	Rinse icon	My Cycle icon
Pre Wash icon	Temp icon	Speed icon	Door lock icon
Uv sterilizing washing icon			

Note:
The function keys (lights) on both sides of the knob are always on during standby and off during operation;
After a washing program is selected, click the required function keys to adjust the function parameters under this program;

(2)Delay

After a program is selected, set the reservation time, which is the end time of the washing program. Display the current reservation time in the remaining time screen, cancel the reservation and return to the current remaining time display.

(3) Pre Wash

If the cloths are too dirty, you can choose this program before washing.

(4) UV

Click this key to trigger the sterilization function of UV lamp irradiation, and click this key again to cancel the sterilization function;
Note: The UV function is not applicable to tub self-cleaning and winter jacket washing, because water refraction exists under high temperature during tub self-cleaning, and winter jacket surface has a film, making the light source have to refract instead of penetration.

(5) Steam

After a program is selected, press this key to turn on the function. The steam function is activated to have the inner drum environment heated, leading to the improvement on washing performance and dirt reduced.

(6) Temp.

When a program is selected, the time screen displays the current set temperature.

(7) Rinse

After a program is selected, press this key to set the rinsing times.

(8) Speed

Under a program and in the pause state, click the speed key to display the current set speed in the remaining time screen.

(9) My Cycle ☘

Set or call up common programs and parameters

(1)Memory saving: long press the “memory key” after startup to save the parameter configuration.

(2)Memory call out: press the “memory key” after next startup to call out the previously saved parameters for rapid setting.

(3)After the memory saving or call out, the memory icon light (heart-shaped icon ☘) above the memory key under the nixie tube will light up.

(4)In case of memory saving, issue “Ding Dong” sound twice; In case of memory call out, make three “Ding Ding Dong” sound in triple.

(5)Memory saving function only saves one of the most commonly used or preferred modes, with no saving of more than one parameter configuration.

(10)

Press the “power” key to start up and press the “power” key again to shut down.

(11)

After the program and parameters are selected, press this key for start. During operation, press this key to pause; and press this key to continue operation in the pause state.

(12) Program selection

Smart/Quick 15'/Duvet /Wool/Down Jacket/Baby Care/Underwear/

Super Spa/Soft Wash/Sports/Shirts/Rinse+Spin/Spin/Tub Clean

Click the touch key or rotate the knob to select a program, with the selected program lights all on + flashing, and other programs colored lights all on; after clicking start, the selected program lights are all on, while other program lights are all off, as well as all the function lights on both sides of the knob (water temperature / reservation columns); the corresponding function lights on the knob are on, and the remaining operation time is displayed at 8:88.

Introduction to Laundry Programs

Smart	For general cotton fabrics
Quick 15'	A small amount of thin clothes with slight contamination
Duvet	Machine washable sheets / curtains, etc.
Wool	Machine washable wool fabrics
Down Jacket	Machine washable down clothes
Baby Care	Machine washable baby clothes
Underwear	Intimate underwear
Super Spa	It means long-time washing at high temperature, and is suitable for the clothes, bedding and plush toys with high sterilization requirements and sensitive to mites and pollen
Soft Wash	Easily deformable clothes such as sweaters and dresses of 2kg and below
Sports	Machine washable sportswear
Shirts	Shirt clothes
Rinse+Spin	Separate rinsing and dewatering
Spin	Separate dewatering
Tub Clean	Tub self-cleaning, with no clothes

Introduction to Other Functions

• Door locking / unlocking

The door will lock automatically after a laundry program starts. At this time, the door lock lamp is on. Press the “start / pause” key, and wait for a few seconds after the washing / dewatering tub stops rotating. If the door opening conditions are met, the door lock will be released automatically, and the display screen shows that the door lock light is off. The door cannot be opened either during high temperature operation or under high water level in washing. When the door cannot be opened, the emergency door opening device can be used in case of emergency.

• Add clothes halfway

Press the “start / pause” key during washing and wait for a few seconds, If the door opening conditions are met, the door lock will be released automatically to add clothes. Adding clothes halfway is only allowed when the door unlocking conditions are met, which is not applicable under high temperature state or high water level.

• Reservation

Reservation is to select the end time of laundry program, which is between 3 and 24 hours. After the reservation starts, the reservation light on the screen flashes. The reservation time refers to the end time of laundry rather than the washing time.

• Program change halfway

Program change is allowed during operation: Press the “pause” key to select a new laundry program for re-washing according to the new parameters.

Care and Maintenance

Note: It is necessary to maintain the washing machine after long-term use. Good maintenance habit is conducive to prolonging the service life of the washing machine. Please unplug the power socket before maintenance to avoid danger. Before cleaning the detergent box, please confirm whether any residual detergent and softener exists, and carefully take out the detergent box, wash and insert it back into place. After each use, please close the door of the washing machine to prevent children from getting pinched.

• Tub clean

The tub may be contaminated after the washing machine is used for a period of time. The tub clean function can realize the cleaning of inner and outer cylinders. (Note: special tub detergent can be added for cleaning)

• Door gasket and body cleaning

After each washing, please remove dirt and debris with a towel. In case of pins and other foreign matters in the groove of the door gasket, make sure to take them out.

• Detergent box cleaning

To prevent detergent mildew in the detergent box, please clean the detergent box regularly. Take out the detergent box and insert it back in place after cleaning.

• Inlet valve cleaning

01 Remove the water inlet hose at the back and take out the filter screen at the port of inlet valve with nipper pliers;

02 Clean the filter screen with toothbrush, and then install it at the port of inlet valve;

03 Reconnect the water inlet hose.

• Drain pump filter cleaning (once a month as recommended)

01 After water drainage, press the drain pump cover under power failure and open the drain pump cover; (Note: in case of hot water in the machine, please cool it firstly)

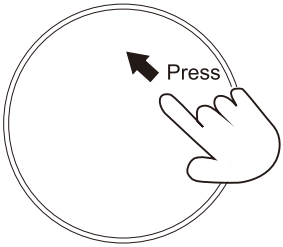
(1)Opening method of push-pull type drain pump cover:

Press the top of the circular drain pump cover by hand to pop it up. (as shown in Figure 1)

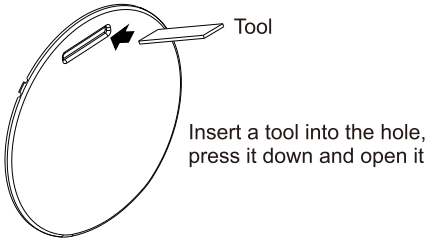
(2) Opening method of coin type drain pump cover:

Insert a tool into the square hole on the top of the drain pump cover, and press it down and open it outward.

(as shown in Figure 2)



(Figure 1)



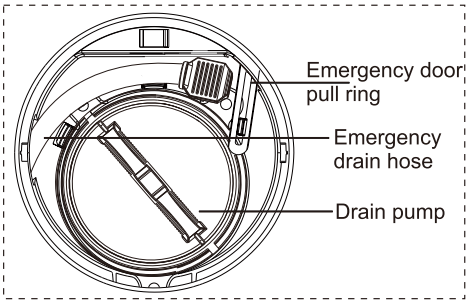
(Figure 2)

02 Remove the emergency drain plug to drain the residual water in the tub, and screw on the plug again;
03 Rotate counterclockwise to take out the filter;
04 Rinse the filter with water;
05 Align the drain pump for insertion, then tighten it clockwise, and fasten the drain pump cover.

• Emergency door opening

In case of emergency, open the emergency door pull ring, and reset it after door opening.

(Note: It is forbidden to use the emergency door pull ring during the normal washing process. Before door opening, please take out the emergency drain hose and pull out the plug until the water in the washing machine is discharged. Be careful of heat with high-temperature water.)



Example only, subject to the actual product

Non-abnormal Phenomena

Status	Phenomena	Causes
Before operation	Residual water in the washing machine	The washing machine undergoes quality inspection before delivery, so it is normal to have a small amount of residual water in the tub.
	“Tub clean” after startup	In case of clothes washing with temperature lower than 60°C for a long time, the washing machine will automatically remind to run the tub clean program until the high temperature washing program has been performed. It is permitted to ignore the reminder and select another program.
During washing	Rustle sound in the tub	Silver ion sterilization tablets exist in the tub
	No water during washing	For water-saving washing machine, the washing water level under some program is below the door glass.
	Not add clothes halfway	Only some low water washing programs permit clothes adding during washing. Door opening must meet the conditions of safe water level and temperature, which is also related to the number of clothes and water absorption performance.
	Pause during laundry	Verify that the “pause” key is not pressed.
During rinsing	Undesirable cleaning effect	Less washing time and less detergent (many dirty clothes).
	White spots on clothes after washing	Washing powder is used. Water insoluble components of phosphorus-free detergent could adhere to clothes and generate spots. Select “rinsing + dewatering” for rinsing, or remove spots with brush after drying. In addition, please wash dark clothes and light clothes separately.
During dewatering	Poor dewatering effect	Single heavy clothes cause excessive eccentricity. Please wash large and small clothes together, and don't wash single heavy clothes.
	Large vibration	Confirm that the washing machine is placed at a hard horizontal ground, with the adjustable feet leveled and locked; the rear 4 bolts have been completely removed.
Other	Peculiar smell	It is the gasket rubber smell of the new washing machine. Run the “tub clean” program in accordance with instructions. After washing, the door must be opened to keep the tub ventilated and eliminate moisture in the tub. Besides, clean the door gasket regularly.
	Program operation longer than usual	The eccentric sensing function is to achieve balance by distributing clothes in the tub for a long time; in case of too much foam, enter the de-foaming process: low water pressure and large water absorption in clothes for long water inflow time.

Exception Handling

Exception code	Hints/ Symptoms	Causes	Solutions
	Water inlet fault	● Is the faucet closed, is water not supplied (low water pressure), and is water inlet hose frozen? ● Is the filter screen of inlet valve blocked?	● Turn on the faucet, etc. ● Clean the inlet valve filter screen (pull out the filter screen with nipper pliers and reinstall after cleaning).
	Drain fault	● Is drain hose blocked by foreign matters? ● Is drain valve blocked by clothing debris? ● Is the orifice position of drain hose too high?	● Foreign matters at the outlet of the drain hose. ● Open the drain valve knob to remove debris. ● Reduce the height of drain hose orifice.
	Door locking fault	● Door not closed in place	● Reclose the door.
	Dewatering fault	● Bolts not removed? ● Washing machine off balance? ● Small amount of clothes? ● Excessive clothes or large clothes in groups?	● Remove bolts. ● Keep the washing machine flat. ● Add 1-2 clothes. ● Sort out clothes and restart.
	Power outage tip (only DD motor)	● Power outage during operation?	● Directly press the “start / pause” key to continue the operation before power outage. ● Reset the washing machine.
No display	Water leakage	● Wrong connection of water inlet hose? ● Improper size of faucet?	● Connect the water inlet hose correctly; ● Use the faucet with qualified dimension.
	Water supply and drain at the same time	● Incorrect height of drain hose? ● Drain hose and sewer unblocked? ● Drain hose buckle removed?	● Confirm that the lowest point of the drain hose is higher than the internal water level of the washing machine; ● Siphonage arise in case of clogged drain hose and sewer; ● Remove the drain hose buckle.
	Foam overflows from the detergent box	● Excess detergent? ● Low foam detergent not used?	● Add a spoonful of softener to the powder synthetic detergent, and then inject 500ml of clean water; ● Reduce the amount of detergent in next washing;
	Abnormal sound	● Any coin, zipper, metal buttons? ● Slender matters, such as bra bracket in inner and outer cylinders;	● The sound when the inlet valve works and the sound of air-water mixing when the drain pump works are normal phenomena.

After troubleshooting, please press the “start / pause” key for re-operation. In case of any faults not eliminated (codes not included in the exception code), please turn off the water and power supply and call the national service hotline for repair.

Specification Chart

Model	BWF-080S	BWF-100S
Rated washing capacity	8.0kg	10.0kg
Rated spinning capacity	8.0kg	10.0kg
Rated voltage	220-240V~,50Hz	220-240V~,50Hz
Rated washing power	200W	200W
Rated spinning power	500W	500W
Rated heating power	2000W	1650W
Maximum power	2200W	1850W
External dimension	595*600*850mm	595*600*850mm
Water pressure	0.03-1MPa	0.03-1MPa

* Energy efficiency detection program is the default program:
The energy efficiency detection program for medium load / large load are:

Non-dryer model: press the power key for startup, and then press and hold the “water temperature” + “rinse” key at the same time within 1 second. When the display screen shows 10E, enter the energy efficiency program, with the temperature 40 and the speed 1400 rpm.

IF PROBLEMS PERSIST, CONTACT AN APPROVED BRÜHM SERVICE TECHNICIAN.
ALWAYS USE A CERTIFIED TECHNICIAN / ELECTRICIAN.

Environment Friendly Disposal

You can help protect the environment! Please remember to respect the local regulations: hand in the non-working electrical equipments to an appropriate waste disposal centre

BRÜHM products are intended for household use only

BRÜHM has policy of continuous improvement in product quality and design. The company, therefore reserves the right to change the specification of its model at any time.