# Haier

#### Automatic Drum Washing Machine

HWB1270





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#### Name of Parts Detergent dispenser Тор ON/OFF button Function selector Program selector Door Handle Bottom planel Porthole Spare earth terminal Power cable Hose clip Packing bolts (3 pcs) Screws (3 pcs) Drainage hose Back plate

	Caution and Warning symbols
0	For you safely,any instructions in this manual with this "Warning"sign must be followed strictly.
$\bigcirc$	For your safety and to prevent damage to the washing machine, any instructions in this manual with this "Stop" sign must be followed strictly.

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

## **Matters Needing Attention**

#### Safety

1.A separate earthed socket is required for the power supply. The washing machine must be positioned so that the plug is accessible.



2. Hold the plug and not the electric cable when unplugging the washing machine.





 3.Fuses in the power circuit should be rated for 15A.
 4. Do n 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.



Do not touch or use the washing machine barefooted or when the hands or feet are wet.





6. The door of the washing machine will become hot during the heating process. Avoid contact with the door during the heating process. For safety, keep children away from the washing machine.







7. Keep children away from the packing materials after unpacked.





## **Matters Needing Attention**

8. The washing machine should not be installed outdoors or in a damp place. In the event of water leakage or splashes allow the machine to dry naturally.
9. The carpet must not obstruct the ventilation openings in the base of the washing machine.

 10.Keep away from heat sources and direct sunlight to prevent plastic and rubber components from aging.
 11.During installation, ensure that the electric cable is not trapped by the washing machine and avoid damage to the electric cable.





#### **During Use**

 Before use, check the joints of the filling hose, the tap and the drainage hose for possible problems from water pressure fluctuations. If joints are loose or there is leakage, turn off the tap and repair. Do not use the washing machine until the hoses are properly fixed. The appliance is to be connected to the water mains using new hose-sets and that old hose



 Keep the door slightly open when the washing machine is not in use to prevent formation of odors; do not cover the washing machine with plastic cover so that inside dampness cannot be kept in.





## **Matters Needing Attention**



## Installation

Remove all the packing materials (including the EPE base) to prevent vibration during use, as shown in Fig.1.Upon opening of the package, water drops may be seen on the plastic bag and the porthole. This is normal phenomenon resulting from water test in the factory.



Fig. 1



## Installation

#### Connection of water inlet hose and washing machine

1. Place the water inlet hose nut on the connector of the water inlet valve.

2. slightly shake the water inlet hose nut to see if connector of water inlet valve

water inlet hose nut

Water drainage hose

it is tightly and properly fixed.

• The height of the terminal of the water drainage hose should be between 80cm-100cm, the water drainage hose must be securely placed on the clip on the back of the washing machine.

• Use the water drainage support supplied as an accessory for proper installation of the water drainage hose. Fix the water drainage hose support with waterproof string. Do not use an excessively long water drainage hose and contract the authorized technician if the water drainage hose needs to be extended. The water drainage hose should not be extended more than250cm.(longer extension will result in concurrent water inflow and outflow). The diameter of the extension hose should be the same as the original hose.

caution:water drainage hose must not be immersed in water.the original and extension hoses should be tightly connected.

• The appliance is to be connected to the water mains using new hose-sets and that old hose-sets should not be reused.

#### Connection of power supply

Check the following items before connection to the power supply.

The socket conforms to the maximum power load (The maximum current load of the socket and power supply cable should not be less than 15A).

power supply voltage conforms to the required value.

The power supply socket and the plug of the washing machine should be compatible. if they are not compatible, Refer to a washing machine technician or a Haier designated service point for power cable replacement. The washing machine should be connected to the earth before use.

Supplementary earth cable should not be necessary if the socket is connected to the earth.

Supplementary earth cable should be installed on the upper back of the washing machine and connected to an earth if the power supply socket has no earth connection.

Caution: the supplementary earth cable should not be connected to water or heating pipes.



## **Functions**

**Control Panel Function Description** 



**Display Information Introduction** 



A. Power On/Off Key

Press the key and the washer will be automatically energized, release the key and powe is disconnected.

B. Program Selection Knob

Turn the knob clockwise/counterclockwise to select the desired program. (please refer to Program Setting Guidance Table )

C. Detergent Distribution Box- See Figure a for the drawer- type Detergent	nt Dispenser		
Open the dispenser box and you will see four detergent compartment of 1, 2, 3:			
Compartment 1: Pre-wash Detergent			
Compartment 2: Washing Detergent	2 3 1		
Compartment 3:Softener, Conditioner and Perfume	Figure a		

D. Reservation Selection Key

Press the key to select the desired time when the washing progress completes. When setting this feature, the indicator lamp on the upper left corner of the key will illuminate. Time reservation range is from 1 to 24 hours. The reserved time will increase by one hour at each press of the key. When the feature is set, press Start/Pause key and th reserve time will be displayed and countdown will start. At the same time, reservation indicator lamp will start blinking and will go off after the washer enters into normal washing progress. Attention: The function " Reservation Selection " and "Rinse hold" are not available at same time.

#### **Functions**

Note.

If Program key is turned after reservation time is set and before program starts, the reservation will be automatically cancelled.

When reservation feature is activated, the washing start time is fixed. There will be some difference between the reserved time and the actual program completion time due to different water inlet time and load distribution condition durin gspin-dr yprocess.

#### E. LCD

LCD is a window to display information including washing status, washing progress, reservation time, remaining time, heating temperature, spindry speed, load selection and error etc. as well as to display additional features such as power clean, super clean rinse and foaming auto-check etc.

F. Start/Pause Key

When the washer is energized, select the desired washing program and press the Start/Pause key. The indicator lamp on the upper left corner of the key will illuminate to indicate that the washer has started operation. If it needs to pause the washing process, simply press the Start/ Pause key and the indicator lamp and remining time display will blink and the washer enters into condition. Press the Start/Pause key again to resume washing process.

(Note: Press the Start/Pause key only after the desired program and feature are set.

#### G. Rinse Hold Key

Press the key lightly, the screen displays the symbol. The washing machine does not drain the water after the last rinse, but the laundry remains in a soak. To spin the laundry , press this key again . The symbol disappears from the screen and the program continues to the end . The function is used to prevent the laundry creasing when left in the drum for a long time .

#### H. Temperature Selection Key

Press the key and LCD will display the selected heating temperature, which is adjustable as needed. Note:--°C means cold water washing and no heating is involved.

I. Spin Speed Selection Key

Press the key and LCD will display the selected spin\_dry revolution speed, which is adjustable as needed. (When No Spindry feature is selected, the time will decrease correspondingly.)

J. Load Selection key

Turn the Program Knob to select the desired program (see Program Setting Guidance Table) Press the key and manually select different programs and power-saving and water-seaving feature based on the volume of load. LCD will display L-1(2,3,4,5,F),indicating the washing load is 1(2,3,4,5,F) kg and program time will change accordingly. (The feature is not available in Wool,Cashmere, Silk, Speedy, Drainage Only and Spin Only Program. Only L– 1, 2, 3 are available for Chemical Fiber program. )

## Functions

#### K. Baby care Key

Press the key and super -clean icon in the LCD will illuminate. When the program comes to softening process, the washer will add an extra rinse process. (This feature is not available in some programs. Please see Program Setting Guidance Table for details.)

## Introduction of Other Functions

- A. Power-off Memory Function: Thewasher has power-off memory function. In case of abrupt power failure or the power must be cut off during a program cycle, the present settings will be saved and the preset operation will resume when the power is rezumed. If it needs to cancel this feature, press Start/Pause key so that the washer will will stop temporarily. Turn off the power key and restart the washer after a few seconds and the feature will be cancelled.
   B. Safety, Child, Lock, Eurocion: During the operation of the program press down
- B. Safety Child Lock Function: During the operation of the program, press down Temperature key and Load Selection key concurrently and hold for 3 seconds." will be displayed indicating that the program is locked. Repeat the above procedures to unlock.
- C. Foaming Auto-check Function: The washer offers foaming auto-check function, which is is a solution to incomplete rinse due to over-dispensing of detergent. The washer can sense the volume of foam formed automatically. When foaming is detected, the Foaming icon in the LCD will illuminate and an extra rinse cycle will be added before the program completes. Program time duration will increase automatically.
- D. Auto-shower function: With automatic shower rinse technology, it can efficiently reduce the residual detergent and make the rinse process more efficient and thorough. This function operates without any intervention from human
- E. Display messages:

Err1: Door is not properly shut. Correction: Shut the door properly. Err2: Drainage error, water not emptied within 4 min. Correction: Clean the filter and check the drain hose for blockage. If error still exists, please contact the maintenance personnel. Err3: Temperature sensor short circuit or open circuit. Correction: contact the maintenance personnel. Err4: water heating element damage. Correction: Contact the maintenance personnel. Err 5: Water fails to meet the specified level within 8 minutes. Correction: Check the tap and the water pressure; if error still exists, please contact the maintenance personnel. Err6: Moter do not work. Correction: Contact the maintenance personnel. Err7: Moter overheat protection or damage Correction: Restart the power key if still display Err7.contact the maintance personnel. Err8: Water exceeds protective level. Correction: Contact the maintenance personnel. End: End of a wash cycle. Unb: After the last rinsing cycle finishes, spinning fails completely due to an imbalance of the laundry. 1:25: Status information: Remaining program time.

## **Program Setting Guidance Table**

Program		Default Program		Temperature	Rinse		Super		Detergent Usage Method				
Setting Mode	Laundry	Capacity (kg)	Temperature	Speed (rpm)	Adjustment Range	Hold	Load Selection	l Clean l			Compartment 1	Compartment 2	Compartment 3
Cotton Prewash	Heavily-soiled Cotton Fabrics	F(7)	40	1000	30-40-50 -60-70-80-90	YES	YES	YES	YES	*	*	0	
Cotton	Cotton Fabrics	F(7)	40	1000	30-40-50 -60-70-80-90	YES	YES	YES	YES	х	*	0	
Synthetic	Fsat-colour Fiber	3	60	800	30-40 -50-60	YES	YES	YES	YES	х	*	0	
Wool	Wool	/	40	600	30-40	YES	NO	YES	YES	х	*	0	
Cashmere	Cashmere	1	40	400	30-40	YES	NO	YES	YES	х	*	0	
Hand wash	Slightly-soiled Textiles	/	40	600	30-40	YES	NO	YES	YES	Х	*	0	
Quick wash	Slightly-soiled Textiles	/		800	30-40	YES	NO	NO	YES	Х	*	0	
Sport wash	Slightly-soiled Textiles	1	30	800	30	YES	NO	NO	YES	Х	*	0	
Duvet	Duvet	1	40	1000	30-40	YES	NO	NO	YES	Х	*	0	
Drain	/	/	Ţ	/	1	NO	NO	NO	YES	х	х	Х	
Spin	/	/	1	1000	1	NO	NO	NO	YES	х	x	х	

Note: ○ means that it needs to add perfume such as softener ★ means that it needs to add detergent otherwise the desired washing result will not be achieved. X means it must not add detergent. The data in Speed column is default spin speed of corresponding model (when speed is not selected.)

Note: 1. Washing temperature refers to the highest temperature allowable during the whole washing process. The washing time varies according to the type of clothes, selected temperature and feature.

2. For clothes made of special materials such as woolens, cashmere and wool, please check if the clothes has a machine-washing tag and the requests to the temperature.

3. The Rinse Hold key and the Delay Time key can not be choosen in one programme.

## Preparation

1.Power supply Plug in the power supply 220-240V~/50Hz	2.Water supply Turn on the tap ensure that the water in clear. Caution:Before staring the washing machine turn on the water faucet to ensure the water faucet and the water inlet hose are connected correctly and do not leak.
3.Detergent selection Only special low foam detergent should be used in automatic drum washing mashine,form blended or wool fabrics special deter-gent should ne used.dry clearning solvent should not be used such as trichhloroethy-lene or alike (caution :load the required amount of detergent only).	<ul> <li>4 .Laundry treatment</li> <li>Sort out clothes according to type and extent of dirt. There are three types of clothes:cotton,synthetical and woolen (silk) fabrics.</li> <li>Separate white clothes from colored. If whites and coloreds are combined for one load,make sure the coloreds are colorfast.</li> </ul>
	-Clothing with frayed edges or yams should be put in a wash bag or special bag before washing. -repair damged clothing,lose buttons or damaged zips and hooks before washing. -Bed sheets and table ware should be loosely loaded and not folded.
	This washing mashine is for househould use and designed for mechanically washable clothes.When washing,separate unwashable clothes with reference to clothes labels.

## Washing Procedure

#### 1. Loading

Open the door, put in the laundry piece by piece. Close the door tightly.

Notes: 1) When first using the washing machine, let it run unloaded for one program to prevent the laundry from being tainted by oil or dirty water from the washing machine.

2) Do not overload the washing machine.



Slide out the detergent drawer and put the required detergent and softening agent into the corresponding boxes. Push back the drawer gently. Caution:

 For pre-washing program, detergent should be added to both compartments 1 and 2. Compartment 2 allows only solid detergents.
 For other programs, do not add detergent to compartment 1.
 Do not overuse softener; otherwise, it will damage the artificial

fibers. Refer to the instructions during use.3) The softener can not exceed the "MAX" on the siphon hat.And the softener should not be too ropy .

Load Reference

Woolen (o blankets (appr 3000g)

Overalls (cotton appr 950g)

Blended fabric

clothes (appr 800g)

> cotton cotton cor 300g

Jackets (cotton appr 800g) Jeans

(800g)

Single bed sheets (cotton appr 800g)

Pajamas (appr 200g)

> Shirts (appr 300g

ded fabrics appr 70g) ocks (blended brics appr 50g)

#### 3. Selecting washing program

To get the best washing effect, an appropriate washing program should be selected according to the laundry type.

Note: The above operations refer to conditions without power-off memory. Or the washing machine will continue operation from where the program was broken. To clear memory, press the Start/Pause button. Turn off the power for a few seconds and turn on again, all the settings will be renewed.

## Washing Procedure

#### 4. Setting washing temperature

Press the temperature button until " -- °C" is displayed if heating is not needed; otherwise, select an appropriate temperature as required (refer to the "Guide to Operational Program Selection").

#### 5. Function selecting button

Select functions as required (refer to the "Operational Functions" section).

#### 6. Washing

Press Start/Pause key and the LCD will display "  $\blacktriangleright$ ", which means the washer has started

operation. The LCD will display program remaining time.

The following functions cannot be re-selected.

- 1). Temperature Selection Key
- 2). Reserve Time Key
- 3). All the functions already completed.

#### 7. Finish

The washing machine will stop operation automatically when a wash cycle ends. The "End" sign will appear. Open the door and take out the laundry. Then turn off the tap and unplug the power cable.

#### Hints for saving energy

During operation

- 1. Collect clothes for one full wash load.
- 2. Do not overload the washing machine.
- 3. Pre-wash heavily soiled clothes.
- 4. Reduce the amount of detergent or choose standard or delicate wash programs for slightly soiled clothes.

5. Choose a proper washing temperature. Only exceed  $60\,^\circ\!\mathrm{C}$  for heavily soiled clothes.

- 6. Do not use more detergent than required.
- 7. Softening agent makes clothes feel softer and easier to iron.

## Maintenance

1. Turn of the water and electricity sup- ply after every wash. Open the door to prevent the formation of moisture and odors. If the washing machine is left idle for a long period, drain any remaining water in the machine and replace the drainage hose.	
3. Clean the detergent drawer regularly,se Fig. (a) Pull out the drawer completely by pushing down the tab at the top of the drawer and pulling.Rinse it clean with water and then replace it.	1) Pick up the bottom cover lightly (Fig. 1); 2) Screw out filter by turning counterclockwise (Fig. 2);
	Fig1 Fig2
Fig.(a)	Fig3
supply or the ingress of contaminants, clean the water inlet and inlet water filter regularly.	If the machine is to be moved a distance ation, replace the vibration mounting locks ich were removed during installation as snown low.
7. If the washing machine is left idle for a long period turn off the water and electricity supply and open the door slightly to prevent the forma- tion of moisture and odors.	Tighten the bolts with the spanner. Replace the rear panel.

## Troubleshooting

The following circumstances do not constitute problems. Do not contact the maintenance service until the problem has been confirmed.

Problem	Possible cause
The washing machine fails to operate	<ul> <li>Poor connection to power supply</li> <li>Power failure</li> <li>Door is not properly closed</li> <li>Machine has not been switched on</li> </ul>
Washing machine cannot be filled with water	<ul> <li>Water tap is not turned on</li> <li>Water pressure is less than 0.03MPa</li> <li>The inlet hose is kinked</li> <li>Water supply failure</li> <li>The program dial is not properly set</li> <li>The door is not properly closed</li> <li>The inlet hose filter is blocked</li> </ul>
The machine is draining while is being filled	<ul> <li>The height of the drainage hose is below 80cm (it should be within 80-100cm)</li> <li>The drainage hose end is in water</li> </ul>
Drainage failure	<ul> <li>Drainage hose is blocked</li> <li>Drainage hose end is exceed 100cm above the floor level</li> <li>The filter is blocked</li> </ul>
Strong vibration during spin drying	<ul> <li>Not all packing bolts have been removed</li> <li>Washing machine is located on an uneven surface</li> <li>Machine load is over 7kg.</li> </ul>
Operation stops before completion of a wash cycle	<ul> <li>Water or electricity failure</li> <li>Washing machine is in soak cycle</li> </ul>
Operation stops for a period of time	<ul> <li>Washing machine is in soak cycle</li> <li>Washing machine gives an error message.</li> </ul>
Excessive foam in the drum, which is spilled to the distribution drawer	<ul> <li>The detergent is not a low-foaming type or for manual wash</li> <li>Excessive use of detergent</li> </ul>

## **Technical Specifications**

Model	HW B1270
Power supply	220V-240V~/(50Hz)
Power(Max)	2000
Water pressure (MPa)	0.03 ≤ p ≤ 1
Max. wash load (kg)	7
Spinning speed (Max) (r/min)	1200
Wash program	11
Weight (kg)	73

## **Wiring Circuit**



PCB - Printed Circuit Board MR - Door Lock R - Heating Element PS - Drainage Pump EVF, EVP ,EVJ - Water Inlet Magnetic Valve P - Pressure Switch FA - Interference Suppresser NTC - Temperature Sensor

11-Power switch



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