

Specifications

Model	HWM1070KFL
Power supply	(220-240)V~/50Hz
Working current(A)	10
Water pressure (MPa)	$0.03 \leq P \leq 1$
Washing power(W)	200
Spinning power(W)	600
Max. wash load (kg)	7
Spinning speed (MAX) (r/min)	1000
Wash program	11
Heating power (W)	1800
Weight (kg)	74
Anti-Electric Shock	I
Anti-Water Class	IPX4
Dimensions (H × D × W) (mm)	840 × 590 × 595

If using an extension cord or other electrical portable outlet device, ensure they are not subject to splashing or increase of moisture.

Haier

HWM1070KFL

Automatic Drum Washing Machine

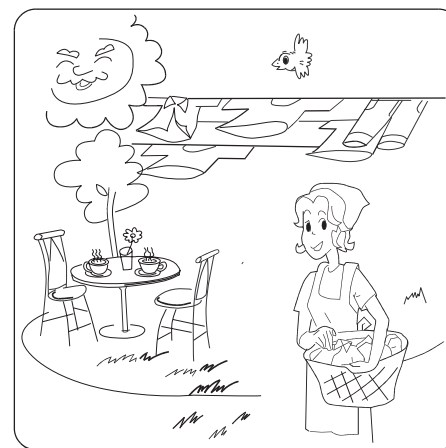


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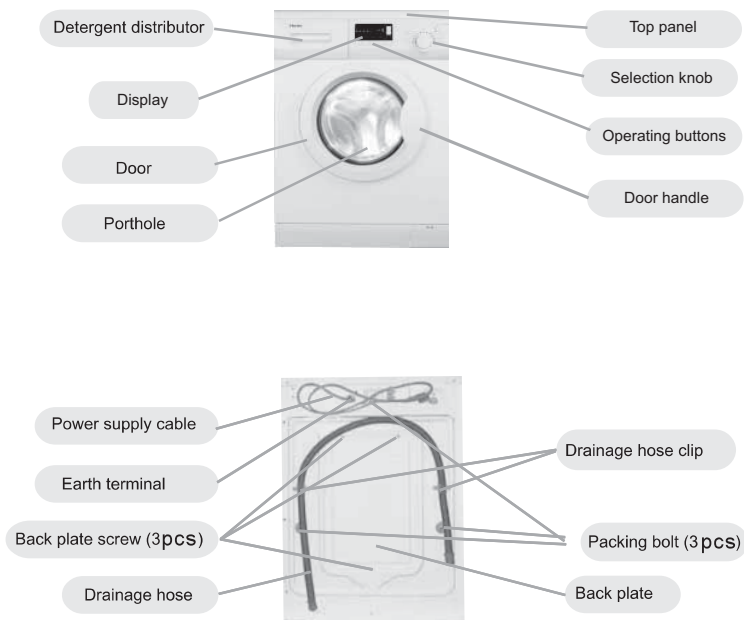
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Specifications-----	Back cover
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Names of Parts

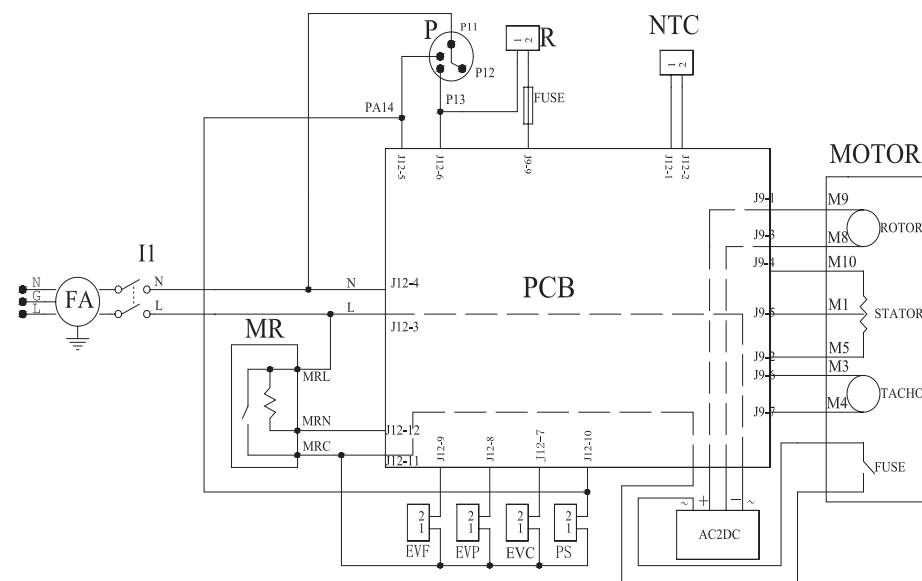


Caution and Warning symbols

	<p>For your safety, any instructions in this manual with this “Warning” sign shall be strictly followed.</p>
	<p>For your safety and to prevent damages to the washing machine, any instructions in this manual with this “Stop” sign shall be strictly followed.</p>

This diagram may vary slightly with the layout of the washing machine you have just purchased due to technical improvements.

Wiring Circuit



MOTOR—MOTOR

PCB—Printed Circuit Board

MR—Door Lock

R—Heating Element

PS—Drainage Pump

EVF,EVP,EVC—Water Inlet Magnetic Valve

P—Pressure Switch

FA—Interference Suppressor

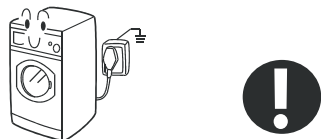

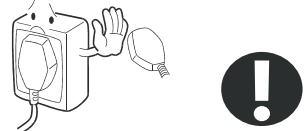
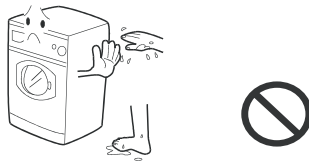

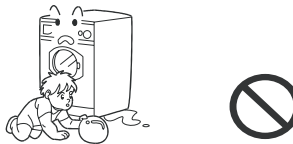
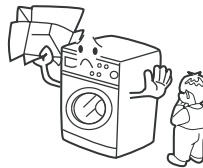
NTC—Temperature Sensor

I1—Power Switch

AC2DC—Commutator

Matters Needing Attention

• Safety

<p>1. A separate earthed socket is required for the power supply. After installation of the washing machine, the power plug should be accessible during the normal wash.</p> 	<p>2. Hold the plug and not the electric cable when unplugging the washing machine.</p> 
<p>3. Fuses in the power circuit should be rated for 15A. If the supply card is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.</p> 	<p>4. For your safety, dry hands before touching the washing machine and wear appropriate footwear.</p> 
<p>5. Do not use flammable detergent or dry cleaning agent; do not use flammable spray in close vicinity to the washing machine; do not remove or insert the plug in the presence of flammable gas.</p> 	<p>6. The door of the washing machine will become hot during the water heating process. Avoid contact with the door during the heating process. For safety, keep children away from the washing machine.</p> 
<p>7. Keep children away from the packing materials after unpacked.</p> <p>This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.</p> 	

Trouble Shooting

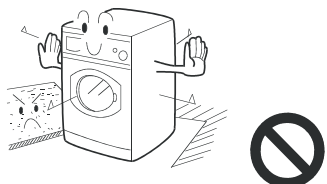
The following circumstances do not constitute problems. Do not contact the maintenance service until the problem has been confirmed.	
Problem	Possible Cause
The washing machine fails to operate	<ul style="list-style-type: none"> Poor connection to power supply Power failure Door is not properly closed Machine has not been switched on
Washing machine does not fill with water	<ul style="list-style-type: none"> Water is not turned on Water pressure is less than 0.03MPa The inlet hose is kinked Water supply failure The program knob is not properly set The door is not properly closed The inlet hose filter is blocked
The water supply and drainage do not stop	<ul style="list-style-type: none"> Check that the height of the water hose is below 80cm The drainage hose end is in water
Drainage failure	<ul style="list-style-type: none"> Drainage hose is blocked Drainage hose end is below 100cm above the floor level The filter is blocked
Strong vibration during spin	<ul style="list-style-type: none"> Some packing fixing bolts removed Washing machine on a uneven surface Machine load is over 7kg
Operation stops before completion of the wash cycle	<ul style="list-style-type: none"> Water or electricity failure Washing machine is in soaking cycle
Excessive foam in the drum	<ul style="list-style-type: none"> The detergent is not a low foam type Excessive detergent has been used

Matters Needing Attention

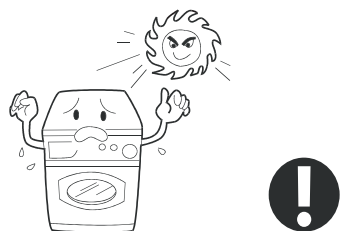
8. The washing machine must not be used in the open or in area of high moisture as water droplets may form on electrical components, Air dry the appliance if the washing machine components become wet.



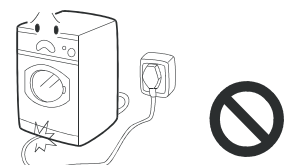
9. The washing machine should be placed in a well ventilated area maintaining a space between walls or furniture.



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.



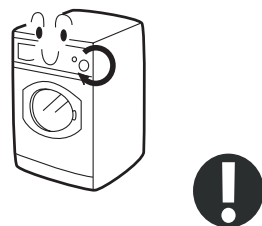
• Use

1. Make sure that the washing machine is securely connected to the water supply, take the necessary precautions or contact the local service center if the connection is poor or there is a water leakage.

Note: That the appliance is to be connected to the water mains using new hose-sets and that old hose-sets should not be used.



2. After turning the power off, turn the program knob clockwise or counterclockwise.



Maintenance

1. Turn off the water and electricity supply 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.

2. Unplug the machine during cleaning and maintenance. Use a soft cloth dampened with soapy liquid to clean the machine case and rubber components. Do not use corrosive or abrasive chemicals or solvents.

3. Clean the detergent compartment regularly. For the detergent compartment similar to figure (a), raise the compartment slightly to remove and replace after cleaning.

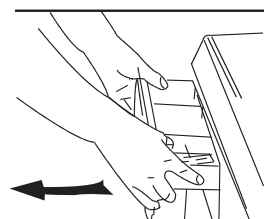
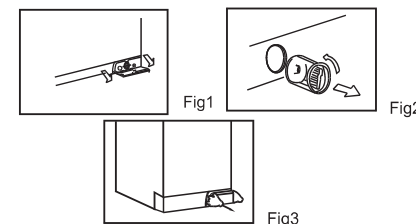


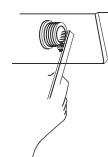
Fig (a)

4. Cleaning the Filter (once a month)
Press the lower edge of the filter compartment cover to open; (Fig1-2)
Remove the filter by turning counterclockwise; (Fig3)

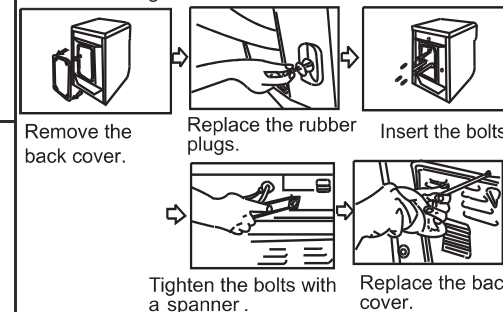
Flash clean with running water;
Filter replacement is the reverse of removal.
Caution: Attention shall be paid to ensure that the filter is replaced correctly to avoid possible leakage.



5. To prevent blockages to the water supply or the ingress of contaminants, clean the water inlet and inlet water filter regularly.



6. If the machine is to be moved a distance location, replace the vibration mounting locks which were removed during installation as shown below.



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 formation of moisture and odors.



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Additional Information

Special Functions

1. Control panel lock function: To prevent children from accidentally changing the settings. Press "Delay" and "Satart/pause" at the same time, this function will work and the "Lock" sign and the remaining program time will appear alternatively. When this function is on, all other buttons are locked. Press the two buttons again to unlock.

2. Power-off memory function: This machine 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 on again.

Warning Code

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: Heater error.

Correction: contact the maintenance personnel.

Err5: 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: Motor error.

Correction: contact the maintenance personnel.

Err7: Motor error.

Correction: contact the maintenance personnel.

Err8: Water exceeds protective level.

Correction: Check the circuit and Contact the maintenance personnel.

End: End of a wash cycle.

1:25: Status information: Remaining program time.

19:25: Status information: Preset time for delayed operation.

400: The default spin speed is 400rpm.

Unb: After the last rinsing cycle finishes, spinning fails completely due to unbalance of the laundry.

Matters Needing Attention

3. Never place heavy objects, a heating appliance or a water container on the top panel of the washing machine.



4. Do not wash foam rubber or similar sponge materials.



5. Before washing, do up zippers, buttons, laces and repair damaged areas, underwear or small articles should be placed in the laundry bag or a pillowslip.

Steel wires in bras will pop out during washing; never wash bras containing steel wires.



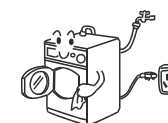
6. Do not open the detergent box during the wash cycle.



7. The door is fitted with a self-lock device and will not open until 2~3 minutes after the washing machine stops. Do not force the door open. Do not open the door when water level reaches the port hole.



8. After washing, turn off the tap to prevent leakage; unplug the washing machine and wipe clean the lower part of the port hole.



9. Keep the door slightly open when the washing machine is not being used. Never cover the machine with a plastic sheet.



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Installation

- As shown in figure1 remove all the packing materials.

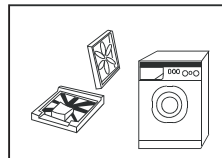


Fig 1

- Remove the packing screws as shown in figure 2. The packing bolts protect the appliance from shock during transportation. The steps below should be followed before using the appliance,
 1. Remove the rear panel of the washing machine;
 2. Remove the three packing bolts from the rear panel of the washing machine, the rubber hose and then the shock absorption channel steel;
 3. Reinstall the back plate;
 4. Fill the holes left by the packing bolts with plastic plugs.

(Attention: the packing bolts and rubber hose should be kept in a safe place for later use)

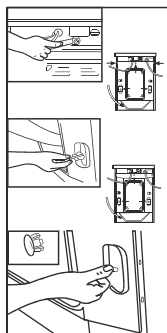


Fig 2

- Adjusting the position of the washing machine. There are adjustable feet under the bottom of the washing machine. Before use, the washing machine should be adjusted, as shown in figure 3, so that it is level.

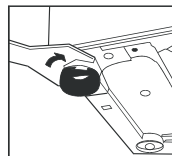


Fig 3

Attention: For washing machines with ventilation openings in the base, that carpet must not obstruct the openings.

Washing Methods

4. Washing temperature Setting

Set the washing temperature as required, otherwise, set at position " * " when heating is not needed. (Refer to Guide to Operational Program Selection).

5. Selecting the function button

Select function buttons as required (refer to the directions printed on the operation panel), otherwise keep all the button released.

6. Washing

Press the Start / Pause button, the washing machine will operate according to the pre-set programs.

7. End

The washing machine will stop operation automatically when a washing 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.

● Energy and water saving

During wash process :

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 fast or minimal washing programs for lightly soiled clothes dirty.
5. Choose a proper washing temperature. Only exceed 60 °C for heavily soiled clothes.
6. Do not use more detergent than required.
7. Softening agent makes clothes feel softer and easier to iron.



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Washing Methods

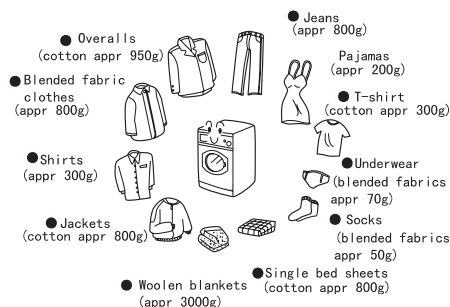
1. Laundry loading

Evenly load the laundry in the washing machine and then tightly close the door of the washing machine

Note: 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.



Load Reference



2. Use of detergent

Pull out the detergent drawer, put required detergent, softening agent and bleaching agent into the corresponding boxes. Push back the drawer gently.



Caution: 1) Do not add liquid detergent into partition 1 and partition 2
 2) For prewashing program, detergent should be added to both partition 1 and 2; for other programs, do not add detergent to partition 1
 3) Do not overuse softening agent as this may damage artificial fabrics

3. Washing program setting

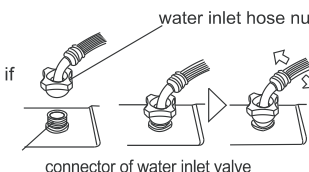
Set the wash program correctly in accordance with the laundry load, the methods for setting wash programs are indicated on the handle of the distributor on the washing machine, turn the program knob clockwise to the desired program.

Caution: Turn off the power before setting the wash program.

Installation

Connection of water inlet hoses and washing machine

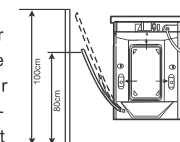
1. Place the water inlet hose nut on the connector of the water inlet valve.
2. Slightly shake the water inlet hose nut to see if it is tight and properly fixed.



Notes: The hot water you used can not exceed 70 °C.

Water drainage hose

- The height of the water drainage hose should be between 80cm -100cm from the floor. 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. Contact an authorized technician if the water drainage hose needs to be extended. The water drainage hose should not be extended more than 250cm. (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 only new hose-sets. Old hose-sets should not be reused.

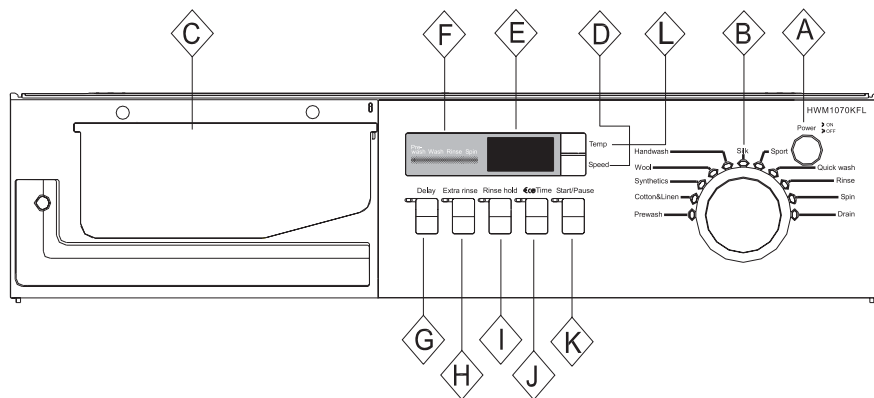


Connection of power supply





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.

Control Panel



Guide to Operational Program Selection

Mode Selection (Program Knob Position)		Recommend- ed Laundry	Temperature	Default Setting	Detergent		
					1	2	3
1	Prewash	Heavy-soil laundry	*30℃、40℃、 50℃、60℃、 90℃	1000 rpm 40℃	★	★	○
2	Cotton- &Linen	cotton fabric	*30℃、40℃、 50℃、60℃、 90℃	1000 rpm 40℃	×	★	○
3	Synthetics	Synthetic fabrics	*30℃、40℃、 50℃、60℃	1000 rpm 40℃	×	★	○
4	Wool	Wool fabrics	*30℃、40℃	 *	×	★	○
5	Handwash	Woolens with a felt-free finish and special-care items identified as machine washable	*30℃、40℃	 *	×	★	○
6	Silk	Silk fabrics	*30℃、40℃	 *	×	★	○
7	Sport	Sport	*30℃、40℃	1000 rpm 40℃	×	★	○
8	Quick wash	Slight-soil cotton, linen and synthetic fabrics	*30℃、40℃	1000 rpm 40℃	×	★	○
9	Rinse		*	1000 rpm *	×	×	○
10	Spin		*	1000 rpm *	×	×	×
11	Drain		*	 *	×	×	×

Note: ○ indicates that softener can be added if needed; ★ indicates that detergent must be added; ✗ indicates that detergent must not be added; * indicates cold water; ✗ indicates no spin.

1) The wash temperature indicates the maximum temperature.

2) The above wash cycle times are intended as a guide only. The actually used time may vary due to different water pressure, initial water temperature, etc.

Operational Functions

G : Delay Button

Touch this button lightly, the washing machine will start operation after a period of time and the corresponding indicator will go on. The range is 0.5-24 hours; each touch of this button increases a half hour. After the button is set, press the Start/Pause button to start countdown of the set time (the time is displayed on the screen until the program ends).

Note: The delay time must be longer than the program time; otherwise, the washing machine will start the wash program directly.

H : Extra rinse button

Touch this button lightly, the indicator will go on. An additional rinse operation will be activated.

Note: Select this function when programme 1-6 or 9 is selected.

I : Rinse hold button

Touch this button lightly, the overhead indicator will go on. When the washing machine is at the last rinsing operation, it will not drain but to start a soaking cycle. Now "hold" will appear on the display. If you want to spin the laundry, press this button again, the indicator will go off and operation will resume.

Note: Select this function when "prewash", "cotton&linen", "synthetics", "rinse" is selected.

J : Eco Time button

Before a washing program, press this button to set the required washing load (1:3, 1:2, 2:3, FULL), the washing machine will automatically adjust the water consumption, heating time and washing time. Users can select the washing load as required for economical operation.

Note: 1. "1:3-FULL" refers to the five levels of washing load. If the laundry is more than half of the drum content, it is recommended to select 2:3-FULL; otherwise, select 1:3-1:2;
2. For "synthetics", "sport" and "quick wash", you can only select 1:3, 1:2, 2:3;
3. Please adjust the detergent quantity as per the washing load selected.

K : Start / Pause button

When the washing machine is plugged and a program is selected, lightly touch this button to start operation. During a wash cycle, touch it lightly, the display will begin blinking and operation will stop. Touch it again to resume operation.

L : Speed setting button

Touch this button lightly to select the desired speed. There are speed indicators over this button.

Note: Please refer to Guide to Operational Program Selection and Washing Methods for the required washing temperature and spinning speed for different laundry. If you have no specific requirements, please use default settings.

Operational Functions

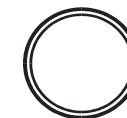
A : Power Switch

Press this button to switch on the washing machine. Press it again to switch it off.

B: Wash programming knob

By turning the knob clockwise/counterclockwise, the required program can be selected.

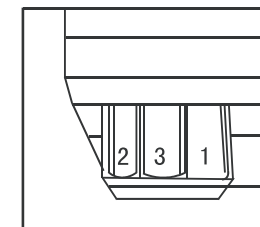
(Refer to Guide to Operational Program Selection).



C : Detergent distribution drawer

Open the drawer, three compartments can be seen:

Compartment 1: Pre-wash detergent
Compartment 2: Normal - Quick wash detergent
Compartment 3: Softener, conditioning agent, perfume, etc.



D: Washing temperature knob

Touch this button lightly to select the required temperature (when a temperature is selected, the corresponding indicator will go on).

E : Display

Such information as remaining wash time, temperature and speed setting and error messages will be shown.

Note: After power is switched on, the display will go on and the remaining wash time decreases. As the water pressure and temperature may differ, the remaining time may be adjusted accordingly. When the laundry is not balanced during spinning, the time may be automatically prolonged. These are normal phenomena.

F : Washing indicator

It indicates the washing process of the selected program. When the light is on, it shows that the washing process being indicated is running.



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