DAEWOO DC
ELECTRONICS

Washing Machine Instruction Manual
DWC-ED1232

INSTRUCTION MANUAL

Economic wash system
Using artificial intelligence, the washer uses minimum energy and water by selecting optimal water lever and washing time.

Low noise system
The washer minimizes the washing and spinning noises by sensing the amount of laundry.
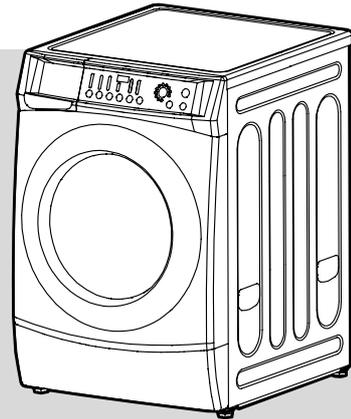
Child-Lock
The Child-Lock system has been used to prevent children from pressing any button to change the program during operation.

Nano-silver sterilization washing(Option)
By applying very fine silver particles on essential parts inside, the washer sterilizes up to 99.9% as is done by boiling wash.

Air bubble washing(Option)
This is an advanced technology that generates millions of air bubbles inside the drum on washing sequence, and the bubbles dissolve the detergent particles completely and cleanse all the soil in clothes gently and neatly.

CONTENTS   Page

A NOTE TO YOU
Thank you for buying a DAEWOO appliance.
DAEWOO washers are easy to use, save time, and help you manage your home better.
This manual contains valuable information about how to operate and maintain your washer property and safely.
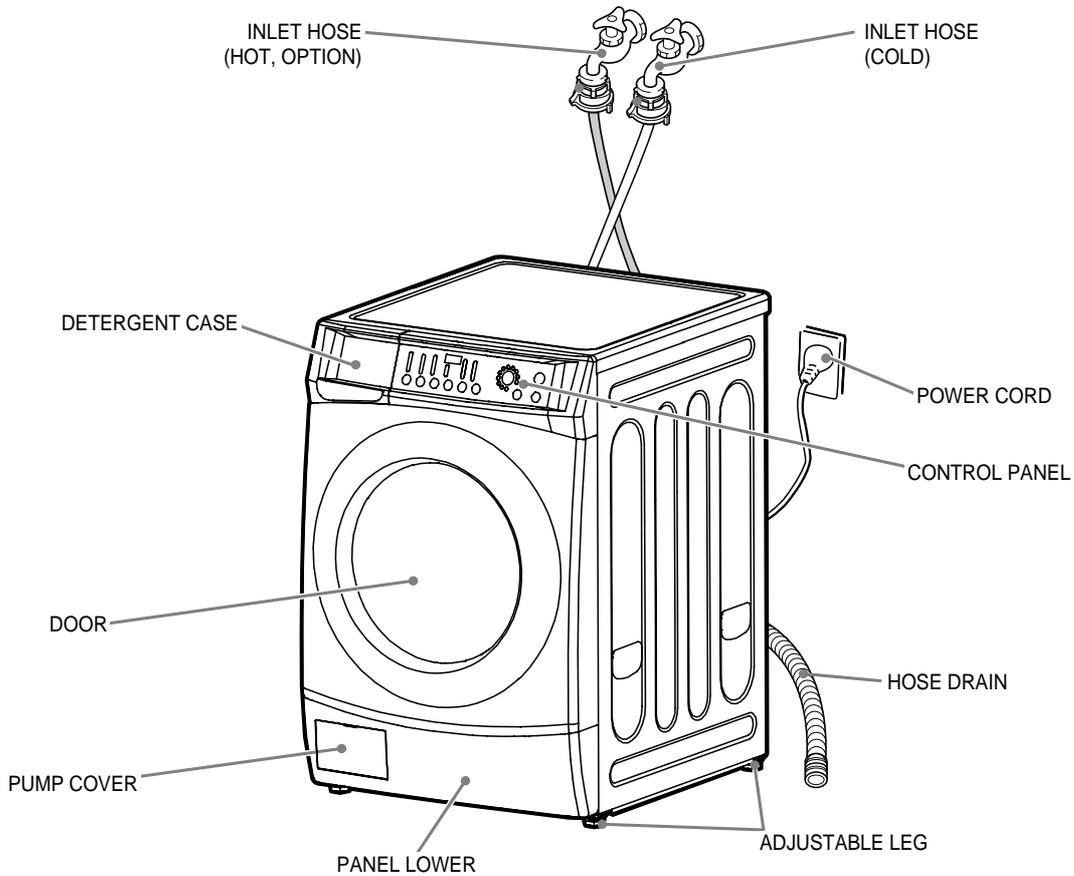Please read it carefully.
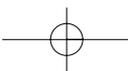
PARTS AND FEATURES

The parts and features of your washer are illustrated on the page.
Become familiar with all parts and features before using your washer.

NOTE
The drawings in the book may vary from your washer model.
They are designed to show the different features of all models coverd by this book,
Your model may not include all features.

INLET HOSE
(HOT, OPTION)

INLET HOSE
(COLD)

DETERGENT CASE

POWER CORD

CONTROL PANEL

DOOR

HOSE DRAIN

PUMP COVER

PANEL LOWER

ADJUSTABLE LEG

Accessories

Hose drain	Inlet hose	Spanner	Manual	Cap holder(4EA)
			Manual	

WASHER SAFETY

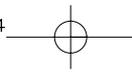## Save these instructions

Your safety is important to us.
To reduce the risk of fire, electrical shock, or injury when using your washer adhere to the following basic precautions.

Read all instructions before using your washer

• Flammable fluids (dry-cleaning solvents, kerosene, gasoline, etc.) should not be used or stored in or near your washer. Do not add flammable fluids to your wash water.These substances give off vapors that can create a fire hazard or explosion. • After starting a cycle, do not reach into the washer until all motions stop. • Do not tamper with the controls. • The appliance is not intended for use by young children or infirm persons without supervision. • If the supply cord is damaged, it must be replaced by the manufacturer, or its service agent or a similarly qualified person in order to avoid a hazard. • If the appliance is supplied from a cord extension set or electrical portable outlet device it should be positioned so that it is not subjected to splashing or ingress of moisture.	Please ... • Have only a qualified person install, repair, or replace parts on washer. • Maintain washer properly. • Protect washer from the weather and keep it where the temperature will not fall below freezing. • Do not install the washer at a place of extremely high humidity. It could cause an electric shock or a short circuit. • Connect washer to the correct outlet, electrical supply, water supply, and drain supply. • Door will not open in case of high temperature inside tub. • Prevent children from entering machine.

Understanding your responsibilities

• Do not use chlorine bleach and ammonia or acid(such as vinegar or rust remover) in the same wash. Hazardous fumes can form.
• Unplug power supply cord before attempting to service your washer.
• Do not wash fiberglass material.
  Small particles can stick to fabrics washed in following loads and cause skin irritation.
• Do not spray water on the control panel of the washer.
  It could cause fire or an electric shock.
• In case of the dual valve model, if you connect only cold water inlet valve, while water temperature is selected as hot or warm, there can be water leakage from unconnected water inlet valve.
• This appliance must be grounded.
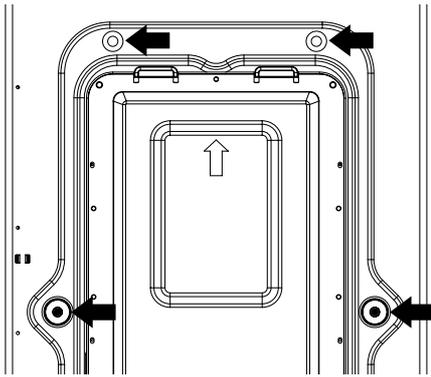 To avoide electrical shock, use a metal pipe for the ground connection.

INSTALLATION INSTRUCTIONS

Removing transit bolts

1. Before operating the washer, remove the transit bolts(4ea) along with the rubber.

   • If the bolts are not removed, it may cause heavy vibration, noise and malfunction.

2. Unscrew the 4 bolts with the spanner supplied. Keep the 4 bolts and spanner for future use.

   • Whenever the appliance is transported, the transit bolts must be refitted.
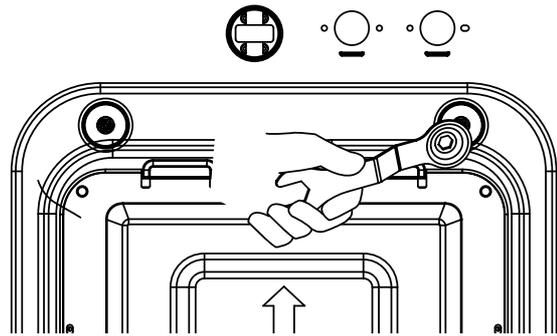
3. Close the holes with the cap holders supplied.
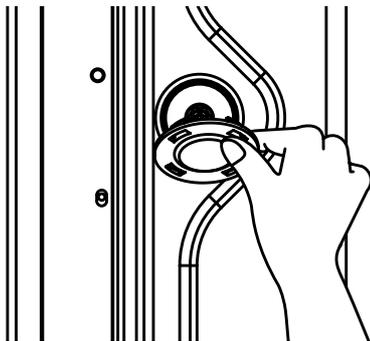
Location of washer

• Check location where the washer will be installed. Make sure you have everything necessary for correct installation.
• Do not place or store your washer below 0°C (32°F) to avoid any damage from freezing.
• Do not place or store laundry products on top of washer at any times.
• Install the washer on the horizontal solid floor.
  If the washer is installed on an unsuitable floor, it could make considerable noise, vibrate severely and cause a malfunction. If the washer is not level, adjust leg up or down for horizontal installation.
• Ventilation openings must not be obstructed by carpeting when the washer is installed on a carpeted floor.
• Leave some space (right & left : 2cm, rear : 10cm).
• In case of built-in installation, the distance between top of the washer and bottom of upper plate should be at least 3mm.
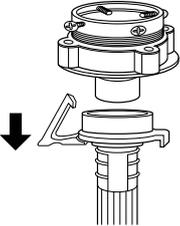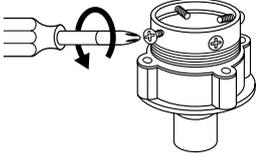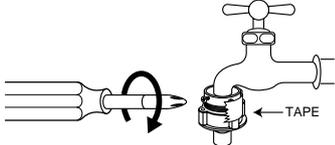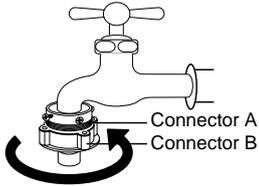
Drain Hose
Washer
Laundry Tub
approx. 2cm

4
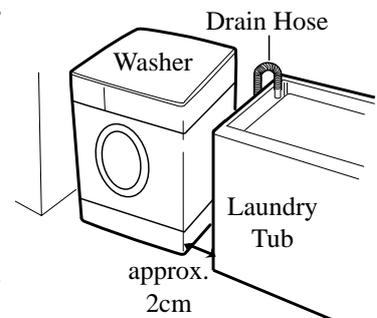
INLET HOSE CONNECTION

The washer should be connected to the water mains using new hose sets and old hose sets should not be reused.
In using only one water tap or in case of only one water inlet valve, connect the inlet hose to the cold water inlet valve.
Option : Be careful not to confuse hot water inlet and cold water inlet.

For Ordinary Tap

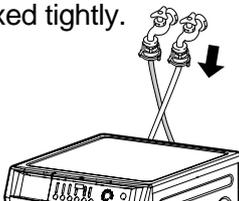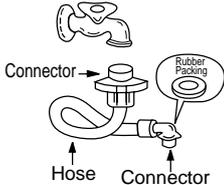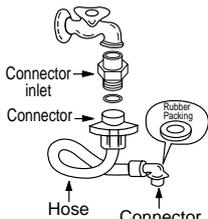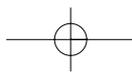|		
① Pull down the collar of the inlet hose to separate it from the water tap adapter.	② Loosen the four screws properly in order to fit into water tap.	③ Fit the water tap adapter into the water tap and tighten the four screws evenly while pushing up the adapter so that the rubber packing can stick to the water tap tightly. ←TAPE
④ Remove the tape, and screw connector B into connect A tightly. Connector A Connector B	⑤ Connect the inlet hose to the water tap adapter by pulling down the collar of the hose end.	⑥ Connect the inlet hose adapter of the hose to the water inlet of the washer by turning it clockwise to be fixed tightly. • Please check the rubber packing present inside the inlet hose adapter of the hose.
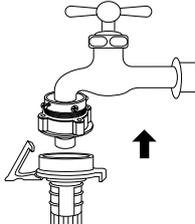
For Screw-Shaped Tap

|		
① Connect the inlet hose to the water tap by screwing the connector tightly. Connector Rubber Packing Hose Connector	② Connect the connector-inlet supplied if necessary. Connector inlet Connector Rubber Packing Hose Connector	③ Connect the inlet hose adapter to the water inlet of a washer and turn it to be fixed. *Check the packing in the inlet

5

ELECTRICAL REQUIREMENTS

WARNING	Electrical shock hazard : Failure to follow these instructions could result in death or serious injury.	
• Electrical earth is required on this washer • If it does not fit the outlet, have a proper outlet installed by a qualified electrician.		• Don't earth to a gas pipe. • Don't change the power supply cord plug. • Check with a qualified electrician if you are not sure the washer is properly earthed.
Recommended earthing method		
	For your personal safety, this washer must be earthed. This washer is equipped with a power supply cord 'A' having a earthing plug 'B'. To minimize possible shock hazard, the cord must be plugged into a mating earthing-type wall receptacle 'C'. If a mating wall receptacle is not available, it is the personal responsibility and obligation of the customer to have the proper earthed wall receptacle installed by a qualified electrician.	

Drain system

• Never forget to install drain hose before operating your washer.
• Open the packing box, and there is a drain hose inside the drum.
• Connect the drain hose to the drain outlet at the back side of the washer.
• Top of laundry tub must be at least 60cm high and no higher than 100cm from bottom of washer.
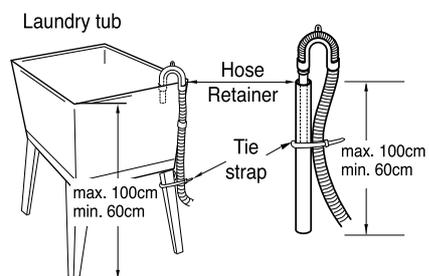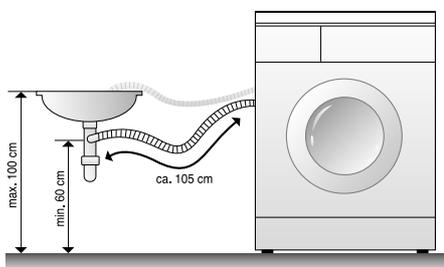
• When installing the drain hose to tub(sink), secure it tightly with a string.
• Proper securing of the drain hose will protect the floor from damage due to water leakage.
• When the drain hose is too long, do not force it back into the washer.
 This will cause abnormal noise.

Level adjustment

① If the washer is installed on an unsuitable floor, it could make considerable noise, vibrate and cause a malfunction.
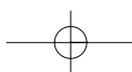
② Adjust the level of washer using adjustable legs.

• Please check if there is any gap between the four adjustable legs and the floor.
• Turning adjustable legs by the enclosed spanner, adjust the level of washer and make it sure that there is no swaying of washer.
• After the adjustment is finished, turn the fixing nuts up tightly so that the washer maintains the adjustment.

Fixing Nut
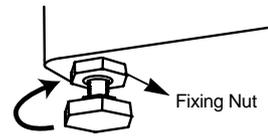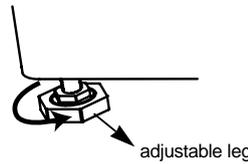
adjustable leg

③ Make it sure that the washer does not sway when you press down the four corners of the washer's top plate.

NOTE
There should be no swaying of washer and all the adjustable legs should stick to the floor closely.
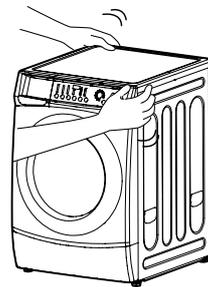
OPERATING YOUR WASHER

To obtain the best washing results, you must operate your washer properly.
This section gives you this important information.

Preparing clothes for washing

• Close zippers, snaps, and hooks to avoid snagging other items.
  Remove pin, buckles, and other hard objects to avoid scratching the washer interior.
• Empty pockets and pull them inside out.
	• Turn down cuffs and turn synthetic knits inside out to avoid pilling.
	• Tie strings and sashes to avoid tangling.
	• Treat spots and stains.
	  (See "Removing stains" on page 21)
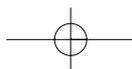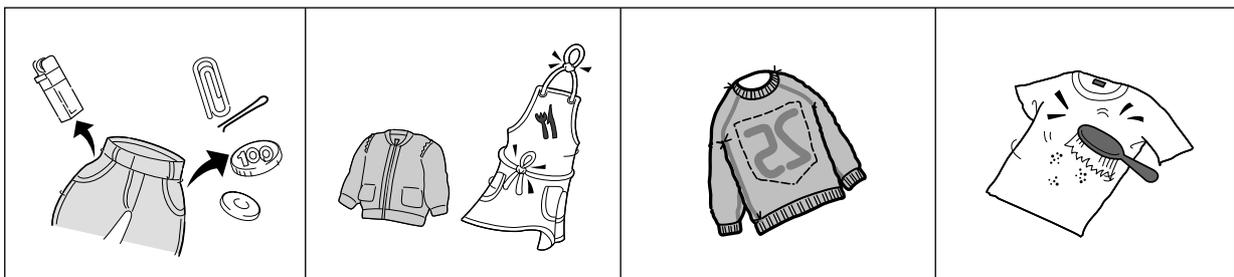
Sorting

- Separate heavily soiled items from lightly soiled ones, even if they would normally be washed together.
- Separate dark colors from light colors, colorfast items from non-colorfast item.

Soil (Heavy, Normal, Light)	Separate clothes according to amount of soil.
Color (White, Lignts, Darks)	Separate white clothes from colored clothes.
Lint (Lint producers, Collectors)	Wash lint producers and lint collectors separately.

Loading

- Drop items into washer loosely. Items should move easily through wash water for best cleaning and wrinkle-free results.
- Load washer properly and select correct load size setting.
  Overloading and selecting a setting too small for the wash load can :
  - Cause poor cleaning
  - Increase wrinkling
  - Create excessive lint
  - Wear out items faster (because of pilling)

- Mix large and small items in each load. Load evenly to maintain washer balance.
  An unbalanced load can make the washer vibrate during spin.
- Reduce wash time when using a small load size setting. Load with only a few small items needs less wash time.
- Use a large load size setting to reduce wrinkling with permanent press clothes and some synthetic knits. These items should have more room to move in the water than heavy items. (towels, jeans)

Adding detergent

① Detergent case

Main wash

Fabric softener

Pre wash

② Adding fabric softener
- If desired, add measured liquid fabric softener to the softener inlet.
- Pour liquid fabric softener into the dispenser using the amount recommended on the package.
- Do not exceed the maximum fill line. Overfilling can cause early dispensing of the fabric softener which could stain clothes.
- Do not open the detergent case when water is supplied.
- Avoid pouring fabric softener directly on the clothes.
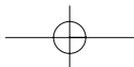
THE FUNCTION OF CONTROL PANEL

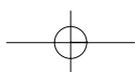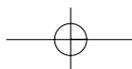|	
⏻	Press this switch to turn the power 'ON' or 'OFF'.
START/PAUSE	Operation and temporary stop is repeated as it is pressed. When you want to change program in operating; Press the 'Start/Pause' button Select the program that you want to change Press the 'Start/Pause' button again.
COURSE	You can select the course you want and each lamp is turned on when that course is selected.
WASH	You can select the wash course you want and each lamp is turned on when that course is selected. As this button is pressed, the wash course is selected by 'Quick Wash'(proper load amount :1~2kg) 'Small'(proper load amount :2~3kg) 'Main Wash' 'Pre Wash' 'Soak' 'Quick Wash' .
RINSE	You can select the rinse time(s) you want and each lamp is turned on when that course is selected. As this button is pressed, the rinse time(s) is selected by '1' 'Rinse Hold' '2' 'Rinse Hold' ... ... '5' 'Rinse Hold' '1'.
SPIN	You can select the spin speed you want and each lamp is turned on when that course is selected.
TIME DELAY	It can be used to pre-engage time for wash from 1 hr to 12 hrs.
TEMP	It can be used to adjust water temperature according to types of the load to be washed. As this button is pressed, water temperature is selected by Cold 30°C 40°C 60°C 95°C.
DRY	You can select the dry condition you want and each lamp is turned on when that course is selected.
TEMP DRY	Use this function when you want to protect any accident occurring from handling of washer by a child. During an operation of washer, press 'TEMP' and 'DRY' buttons simultaneously during 3 second. If this mode will be set successfully, CHL and remain time will be showen on PCB board alternately. In Child Lock mode, no button functions except Power button. If you want to set this mode, press 'TEMP' and 'DRY' buttons simultaneously during 3 second. And if you want to release this mode, press 'TEMP' and 'DRY' buttons simultaneously again during 3 second. If you want to change to the desire program, while this mode is working; 1. Press 'TEMP' and 'DRY' buttons simultaneously again during 3 second. 2. Press the 'Start/Pause' button. 3. Select the desired program and press the 'Start/Pause' buttom again. * The Child Lock will be cancelled when power is off.
Door Unlock	If you want to open Door intensionally during operation, press the 'Start/Pause' button and press again 'Door unlock' button. In this case, ᄂᆜ signal will be appeared on PCB board, then you can open Door after cooling insideTub temperature and draining water, also no button functions except Power button.

9

WASHING PROGRAM

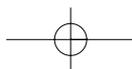| Program	Fabric type	Proper Temp.	Default data	Maximum Load
Normal	Colorfast garments (shirts, night dresses, pajamas,..) and lightly soiled white cottons(underwares,..)	40 °C (cold,30°C, 60°C)	Wash: main wash Rinse: 3 Spin: 800 Temp.: 40°C	Refer to rating label
White	First check whether laundry is machine washable.(white cotton, linen, towel and sheets..)	95 °C (fixed)	Wash: main wash Rinse: 3 Spin: 800 Temp.: 95°C	Refer to rating label
Eco-White	First check whether laundry is machine washable.(white cotton, linen, towel and sheets..)	60 °C (40°C)	Wash: main wash Rinse: 3 Spin: 800 Temp.: 60°C	Refer to rating label
Synthetic	Polyamide, Acrylic, Polyester,..	40 °C (cold, 30°C, 60°C)	Wash: main wash Rinse: 3 Spin: 800 Temp.: 40°C	Refer to rating label
Heavy Stain	Heavy soiled clothes (blue-jean,climbing clothes, ruck sack, sports wear,...)	40 °C (cold, 30°C, 60°C)	Wash: pre wash Rinse: 3 Spin: 800 Temp.: 40°C	Refer to rating label
Wool	Machine washable woolens with pure new wool only	Cold (fixed, in order to prevent textile damage)	Wash: main wash Rinse: 2 Spin: 400 Temp.: cold	Refer to rating label
Delicate	Delicated laundry easily damaged. (silk, curtains,..)	Cold (fixed, in order to prevent textile damage)	Wash: main wash Rinse: 2 Spin: 400 Temp.: cold	Refer to rating label
Blanket	Blanket, curtains,..	Cold (fixed, in order to prevent textile damage)	Wash: main wash Rinse: 3 Spin: 800 Temp.: cold	Refer to rating label
Rapid	Lightly soiled clothes and frequently washing clothes and small amount of clothes.	30 °C (cold,40°C)	Wash: main wash Rinse: 3 Spin: 800 Temp.: cold (Dry :cupboard)	Less than 3 kg
Memory	Use to memory program you want.			
Drum Cleaning	Use to clean (and dry) the Tub and Drum.	Cold	Wash: soak Rinse: 2 Spin: 400 Temp.: cold (Dry :cupboard)	without load.

WASHING PROCEDURE AND SELECTION

1. NORMAL PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) and prewash room(I marking) in the detergent case. • Softener should be below 'MAX' level. • Put the detergent into the pre wash room(I marking) only if you want to add prewash. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'NORMAL' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • Main wash' and '3' times rinse and '800' rpm spin speed and '40°C' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed' and 'water temperature', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water after sensing the amount of laundry automatically.

Note
• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature '95°C' is not selected in order to prevent clothes from damaging.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.

2. WHITE PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) and prewash room(I marking) in the detergent case. • Softener should be below 'MAX' level. • Put the detergent into the pre wash room(I marking) only if you want to add prewash. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'WHITE' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Main wash' and '3' times rinse and '800' rpm spin speed and '95°C' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed' , select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water after sensing the amount of laundry automatically.

Note

• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature is set only to '95°C'.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
• If much SUDS is happened during operation, the washer will clean SUDS automatically.
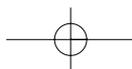
3. ECO-WHITE PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) and prewash room(I marking) in the detergent case. • Softener should be below 'MAX' level. • Put the detergent into the pre wash room(I marking) only if you want to add prewash. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'ECO-WHITE' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Main wash' and '3' times rinse and '800' rpm spin speed and '60°C' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed' and 'water temperature', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water after sensing the amount of laundry automatically.

Note
• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature '40°C' and '60°C' are only selected.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.

4. SYNTHETIC PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) and prewash room(I marking) in the detergent case. • Softener should be below 'MAX' level. • Put the detergent into the pre wash room(I marking) only if you want to add prewash. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'SYNTHETIC' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Main wash' and '3' times rinse and '800' rpm spin speed and '40°C' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed' and 'water temperature', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note
• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature '95°C' and Spin speed '1200' are not selected.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
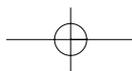
5. HEAVY STRAIN PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) and prewash room(I marking) in the detergent case. • Softener should be below 'MAX' level. • Put the detergent into the pre wash room(I marking) only if you want to add prewash. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'HEAVY STRAIN' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Pre wash' and '3' times rinse and '800' rpm spin speed and '40°C' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed' and 'water temperature', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note
• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature '95°C' is not selected in order to prevent clothes from damaging.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
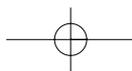
6. WOOL PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) in the detergent case. • Softener should be below 'MAX' level. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'WOOL' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Main wash' and '2' times rinse and '400' rpm spin speed and 'Cold' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note

• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature 'Cold' is only selected in order to prevent woolens from damaging.
• Spin speed '400' and '600' are only selectable.
• DRY function is not selected(option function).
• DELAY START is not selected.
• SOAK and Pre Wash in wash program are not selected.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
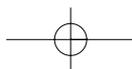
7. DELICATE PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) in the detergent case. • Softener should be below 'MAX' level. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'DELICATE' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Main wash' and '2' times rinse and '400' rpm spin speed and 'Cold' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note
• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature 'Cold' is only selected in order to prevent delicate clothes from damaging.
• Spin speed '400' and '600' are only selectable.
• DRY function is not selected(option function).
• DELAY START is not selected.
• SOAK and Pre Wash in wash program are not selected.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
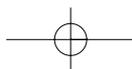
8. BLANKET PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) in the detergent case. • Softener should be below 'MAX' level. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'BLANKET' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Main wash' and '3' times rinse and '800' rpm spin speed and 'Cold' water temperature are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note

• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature 'Cold' is only selected in order to prevent delicate clothes from damaging.
• Spin speed '400' and '600' and '800' are only selectable.
• DRY function is not selected(option function).
• DELAY START is not selected.
• SOAK and Pre Wash in wash program are not selected.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
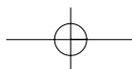
9. RAPID PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) in the detergent case. • Softener should be below 'MAX' level. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'RAPID' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Main wash' and '2' times rinse and '800' rpm spin speed and '30°C' water temperature (and 'Cupboard' dry condition) are selected automatically. • If you want to change the 'Washing course' and 'Rinse time(s)' and 'Spin speed' and 'water temperature', select program what you want to change by pressing each button.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note

• The appropriate amount of laundry is below 3 kg.
• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• Water temperature 'Cold' and '30°C' and '40°C' are selectable.
• Spin speed '1200' is not selected.
• All wash program are not selected except main wash..
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
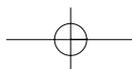
10. MEMORY PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) and prewash room(I marking) in the detergent case. • Softener should be below 'MAX' level. • Put the detergent into the pre wash room(I marking) only if you want to add prewash. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'MEMORY' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • If you want to memorize the 'Washing program' and 'Washing course' and 'Rinse time(s)' and 'Spin speed' and 'water temperature' (and 'Dry condition'), select somethings what you want to change by pressing each button and using the program selection dial.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note
• If you start memorized program, this data will be saved automatically.
• If you want to change the setting program during operation, press the 'Start/Pause' button to hold the operation and change the program you want to change by pressing each corresponding button.
• If you want to add the clothes during operation, press 'Start/Pause' button and 'Door unlock' button, then open the Door and put the clothes into the Drum and then close Door and press 'Start/Pause' button again.
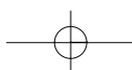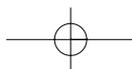
11. DRUM CLEANING PROGRAM

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • If you want to clean Drum slightly, use this program without Bleach. • If you want to clean Drum thoroughly, please use the exclusive detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'DRUM CLEANING' program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • 'Soak' and '2' times rinse and '400' rpm spin speed and 'Cold' water temperature (and 'Cupboard' dry condition) are selected automatically.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

Note
• All programs are not selectable except rinse time(s).
• DELAY START is not selected.
• Use this program WITHOUT load.
• The appropriate cleaning time is one time per a month.

GUIDE FOR OTHER USEFUL PROGRAMS

* DELAY START(RESERVED WASHING)

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door. • Put the detergent into the main wash room(I I marking) and prewash room(I marking) in the detergent case. • Softener should be below 'MAX' level. • Put the detergent into the pre wash room(I marking) only if you want to add prewash. • When you want to use bleach, put it into the main wash room (I I marking) with detergent.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the program using the program selection dial. • If you press 'Start/Pause' button aftrer pressing Power button without selecting program, the 'NORMAL' program is selected as default program. • Select the 'Washing course' and 'Rinse time(s)' and 'Spin speed' and 'water temperature' by pressing each corresponding button.
4	Press the 'DELAY START' button. • The 'Time Delay' LED is to be lighting. • Select the time delay time you want from 1 hour to 12 hours by pressing button. • The displayed time shows program finishing time.
5	Press the 'Start/Pause' button. • If you make this program successfully, only 'Time Delay' and 'Lock' LED are lighting.

Note

• If you want to check the selected program, press the 'Start/Pause' button again.
• Preparing washing before starting 'Time Delay';
  - Turn on the water tap.
  - Load laundry and close Door.
  - Place the detergent and fabric softner in the detergent case.
• The actual time of finishing is a little different with your selecting time because of water supply condition and selected water temperature,....
• 'WOOL' and 'DELICATE' and 'DRUM CLEANING' program are not select 'Time Delay'.
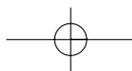• Adding clothes during 'Time Delay' operation is not allowed.
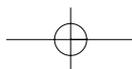
* ONLY WASH

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'WASH COURSE' you want by pressing 'WASH' button. • The 'NORMAL' program is selected automatically.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

* ONLY RINSE

1	Put the laundry into the Drum and put the detergent and softerner into the detergent case. Then close the Door.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'RINSE' time(S) you want by pressing 'RINSE' button. • The 'NORMAL' program is selected automatically.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door and supplying water.

* ONLY SPIN

| 1	Put the laundry into the Drum and close the Door.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'SPIN CONDITION' you want by pressing 'SPIN' button. • The 'NORMAL' program is selected automatically. • The water temperature is selected to 'Cold' automatically.
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door.

* DRY(DWC-ED1232)

1	Put the laundry into the Drum and close the Door.
2	Press the Power button. • The LED shows only '- --' signal.
3	Select the 'DRY CONDITION' you want by pressing 'DRY' button. As this button is pressed, the dry condition is selected by 'Cupboard' → 'Very' → 'Time(30, 1:00, 1:30)' → OFF → 'Low Temp' → 'Iron' → 'Cupboard'
4	Press the 'Start/Pause' button. • The washer will be operated with locking Door.

Note

• Do not use the detergent and softener.
• Cold water tap should be opened.
• After finishing this program, ⌐⌐⌐⌐ is showed on PCB board alternately and the smoothing creases program is conducted during 30 minute and then power is OFF.
• 'WOOL' and 'DELICATE' and 'BLANKET' program are not select 'DRY'.
• Be careful the high temperature of laundry when put out clothes.
• A little shrikage and deformation will be possibly happened after drying, so check clothes whether dry or not previously
• If the dry performance is poor, change the selecting temperature.
• If youn want to dry with wash, after selecting program, press the 'DRY' button then press 'Start/Pause' button.
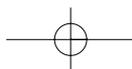
MAINTENANCE

Proper care of your washer can extend its life. This section explains how to care for your washer properly and safely.

Cleaning your washer

Exterior	Interior
Wipe up detergent, bleach, and other spills with a soft, damp cloth or sponge as they occur. Occasionally wipe the outside of the washer to keep its looking like new one.	Clean interior with 250ml of chlorine bleach mixed with 500ml of detergent. Run washer through a complete cycle. Repeat this process if necessary.

Do not put sharp or metal object in your washer, or they can damage the finish. Check all pockets for pins, clips, money, bolts, nuts, etc. Do not lay these objects in your washer after emptying pockets.	
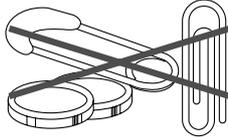
Winter storage or moving care

Install and store your washer where it will not freeze. Because some water may stay in the hoses, freezing can damage your washer.
If you store or move your washer during freezing weather, winterize it.

| To winterize washer	To use washer again
• Turn off water faucet. • Disconnect and drain water inlet hoses. • Run washer on a drain and spin setting (see page 10) for 1 minute. • Unplug the power supply cord.	• Flush water pipes and hoses. • Reconnect water inlet hoses. • Turn on water faucet. • Reconnect power supply cord.

Non-use or vacation care

Operate your washer only when you are at home.
If you are on vacation or don't use your washer for an extended period of time, you should:
• Unplug the power supply cord or turn off eletrical power to the washer.
• Turn off the water supplier to the washer.
  This helps avoid accidental flooding (due to a water pressure surge) while you are away.
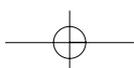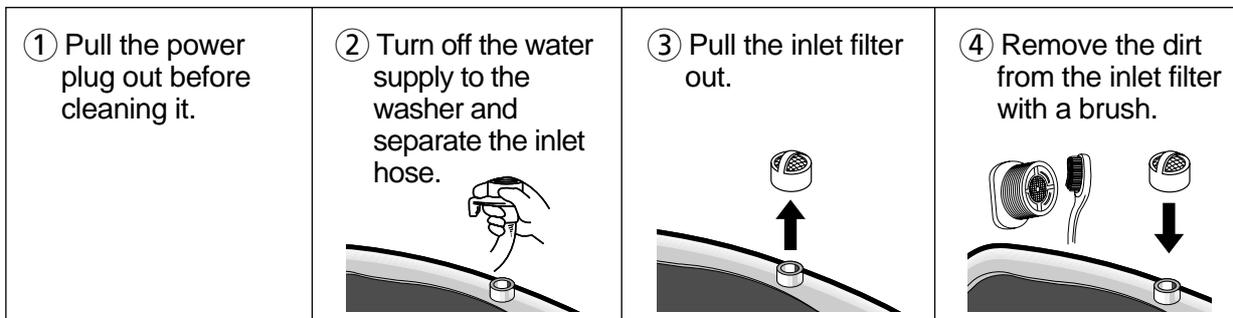
HOW TO CLEAN THE FILTER
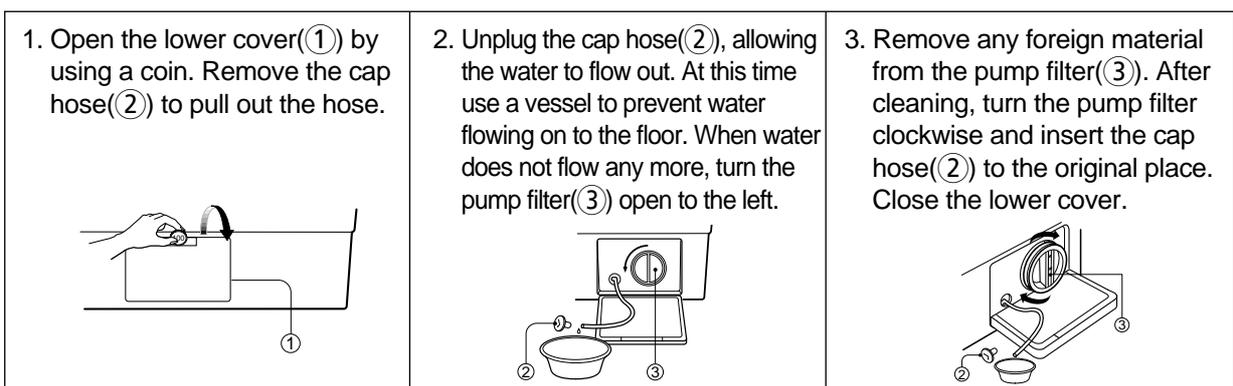
Cleaning the water inlet filter
• Clean the filter when water leaks from the water inlet.

| ① Pull the power plug out before cleaning it.	② Turn off the water supply to the washer and separate the inlet hose.	③ Pull the inlet filter out.	④ Remove the dirt from the inlet filter with a brush.

Cleaning the drain filter
• This drain filter is used to screen the foreign stuffs such as threads, coins, pins, buttons etc..
• If the drain filter is not cleaned at proper time(every 10 times of use), drain problem could be caused.

  CAUTION : Be careful when draining if the water is hot.

1. Open the lower cover(①) by using a coin. Remove the cap hose(②) to pull out the hose.	2. Unplug the cap hose(②), allowing the water to flow out. At this time use a vessel to prevent water flowing on to the floor. When water does not flow any more, turn the pump filter(③) open to the left.	3. Remove any foreign material from the pump filter(③). After cleaning, turn the pump filter clockwise and insert the cap hose(②) to the original place. Close the lower cover.

Cleaning the detergent case
 *After a while detergent and fabric softeners leave a deposit in the case;
 - It should be cleaned from time to time with a jet of running water.
 - If necessary it can be removed completely from the machine by pressing the catch downwards and by pulling it out.
 - To facilitate cleaning, the upper part of the fabric softener compartment can be removed.
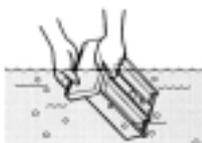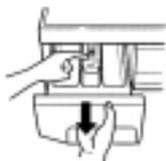
 *Detergent can also accumulate inside the recess which should be cleaned occasionally with a brush.
 *Once you have finished cleaning, replace the case and run a rinse cycle without laundry.
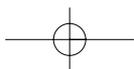
REMOVING STAINS

Stained, heavily-soiled, or greasy items may need to be prewashed or soaked for best results. Soaking helps remove protein-type stains like blood, milk or grass. Prewashing helps loosen soil before washing.

Stain removal rules

• Use warm water for soaking or prewashing stained laundry. Hot water can set stains.
• Most stains are easier to remove when they are fresh.
• Before treating any stain, find out what kind of stain it is, how old the stain is, what kind of fabric it is, and whether the fabric is colorfast. (Check the care label)
• Washing and drying can set some stains.
• Start with cold or warm water. Hot water can set some stains.
• When bleach is recommended, use a bleach that is safe for the fabric.
• Put the stained area face down on a paper towel or white cloth. Apply the stain remover to the back of the stain. This forces the stain off fabric instead of through it.

Stain removal guide

STAIN	TO REMOVE
Blood	Rinse immediately in COLD water. If stain remains, soak in cold water with an enzyme prewash.
Chewing gum	Use ice in plastic bag to harden the gum. Scrape off what you can and the sponge with white spirits.
Cocoa, Chocolate	Sponge with COLD water and soak in an enzyme prewash. If stains persist, rub in a little detergent and rinse in cold water.
Coffee	Blot up quickly and rinse out in COLD water. Rub in a little detergent and wash in the maximum temperature allowed for the fabric type.
Cream/Milk Ice cream	Rinse in COLD water and wash normally. If stain is still apparent, sponge with white spirits.
Deodorant	Rub affected area with white vinegar and then rinse out in COLD water. Sponge with white spirits. Treat stiffened areas with enzyme prewash.
Egg	Soak in a COLD enzyme prewash, rinse and wash normally.
Fabric/Softener	Rub affected area with bar soap and wash normally.
Fruit stains	Treat as soon as possible by sponging with COLD water. Rub a little detergent on the stain and wash normally.
Grass	Sponge with white spirits. Rub in an enzyme prewash and wash as normally.
Grease and oil	Lay the affected area face down on an absorbent cloth and work from the back. Sponge with white spirits or dry cleaning fluid. Wash normally.
Iron or rust	Apply lemon juice and salt and place in the sun. Wash normally.
Lipstick	Sponge with white methylated spirits and wash normally.
Mildew	Wash in WARM water and detergent. Moisten area with lemon juice, dry in the sun and wash normally. If stain persists and the fabric allows, use a bleach.
Mud	Brush off any dry mud. Rinse in cold water. If stain persists rub in a little detergent and wash normally.
Paint-oil based	Scrape off any fresh paint and sponge with a non flammable dry cleaning fluid and wash normally.
Paint-water based	Treat while still wet, rinse in WARM water and wash normally.
Scorch marks	Dampen a cloth with hydrogen peroxide, lay it over the affected area and press with a fairly hot iron.
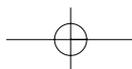
TROUBLE SHOOTING

Most problems are easily solved if you understand the cause.
Check the following list for problem before calling for service.
If the error mode such as IE, OE, UE were displayed on the control part, in order to solve these problem, first turn off the power of the washing machine and then turn on the power pressing Power button.
If PFE error mode was displayed on the control part, in order to solve this problem, first turn off the power of the washing machine, second turn on the power pressing Power button, third press SPIN button and last press Start/Hold button.

PROBLEM	CHECK POINT
• The washer will not operate at all.	• Is there a power failure? • Is the power cord correctly connected to an electric outlet? • Did you turn on the power? • Did you press Start/Hold button? • Is there correct amount of laundry in the washer?
• Water is not supplied Error display IE	• Did you connect the inlet hose and open the water tap? • Is the inlet hose or the water tap frozen? • Is the water supply shot off? • Is there any foreign matter blocking up the inlet hose filter?
• The washer will not drain Error display OE	• Is the drain hose frozen or blocked up by dirt? • Is the drain hose kinked or deformed? • Is the end of the drain hose immersed in water? • Is there excessive dirt inside the drain filter?
• The washer will not spin Error display UE	• Is the clothes in the drum collected on one side? • Is the washer installed on an uneven floor or is the vibration serious? • Is the door open? (The lamp "LE" will light up in this case.)
• The washer will stop during spinning . • Spinning is insufficient. Error display PFE	• Is the filter of the drain pump clogged? • Is the drain pump operated? • Did you use the proper amount of detergent? • Is the drain hose placed higher than 1m above floor?
• Vibrating and too noisy	• Is the washer installed on an uneven floor? • Have all the transit bolts removed?

Note
   • If $E8$ and $E9$ error mode are showed on PCB board, please contact service center.

These cases are not malfunctions;
   • The sound "wing" heard during water supply is the operating sound made by the water inlet valve.
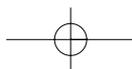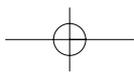
SPECIFICATION

MODEL	DWC-ED1232
Dimension (mm)	630 x 750 x 930 (WxHxD)
Unit Weight (kg)	80(Net) / 88(Gross)
Standard Water Consumption	91 ℓ
Spin Speed (RPM)	1200
Operating Water Pressure	0.03MPa ~ 0.8MPa (0.3kgf/cm^2 ~ 8kgf/cm^2)

WIRING DIAGRAM
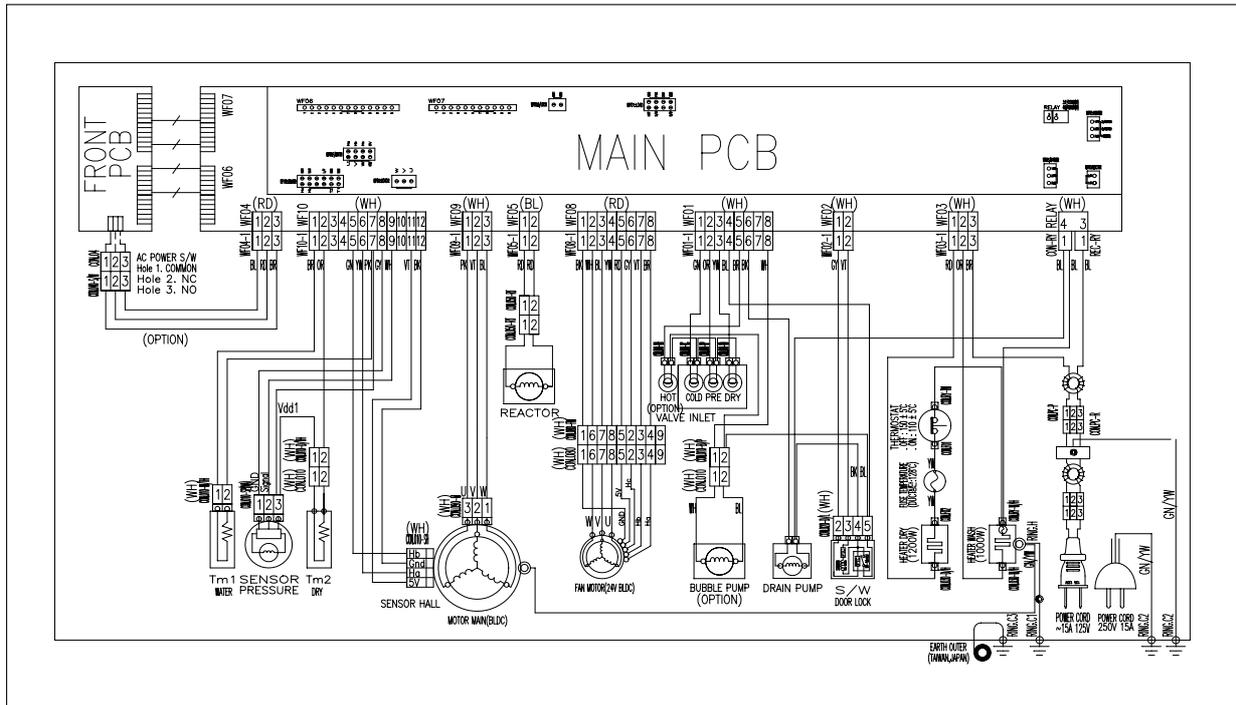
ABOUT THIS MANUAL

VISION CREATIVE, INC.

6
4

		TEL	
MODEL	C- ED1232EPB		
BUYER	DWC- ED1232_CASTEL_AUSTRALIA_		
	1	07. 9. 14	6	
	2		7	
	3		8	
	4		9	
	5		10	

MEMO

07.9.14- CASTEL   C- ED1232EPB   C- ED1211   D- ED1211   ,
        SET   PANEL   DWD- 114S'   .
        PANEL   .
08.03.07- 9p(   )_   1p
08.03.19- 10p(   ), 23p, 24p(   )   _   3p
08.03.21- 3p   _   1p
08.03.24- 10p   _   1p

VISION
TEL: 730- 0660 FAX: 730- 3788