

■ **Jumbo drum**

LG's jumbo drum can wash about 40% more load than conventional washing machines. A bigger drum improves the wash performance.

■ **More economical by Intelligent Wash System**

Intelligent Wash System detects the amount of load and water temperature, and then determines the optimum water level and washing time to minimize energy and water consumption.

■ **Direct Drive System**

The advanced Brushless DC motor rotates the Drum directly without belt and pulley.

■ **Child-Lock**

The Child-Lock system has been used to prevent children from pressing any button to change the program during operation. The power button will always remain operative whilst Child-Lock is activated.

■ **Low noise speed control system**

By sensing the amount of load and balance, it evenly distributes load to minimize the spinning noise level.

■ **Auto Restart**

If the washing machine is turned off by a power failure, it will restart automatically from the position it stopped at adjusting accordingly.

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READ ALL INSTRUCTIONS BEFORE USE



For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.

IMPORTANT SAFETY INSTRUCTIONS

WARNING : To reduce the risk of fire, electric shock, or injury to persons when using the washer, follow basic precautions, including the following:

- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in the user-maintenance instructions or published user-repair instructions that you understand and have the skills to carry out.
- Keep the area underneath and around your appliances free of combustible materials such as lint, paper, rags, chemicals, etc.
- Close supervision is necessary if this appliance is used by or near children.
Do not allow children to play on, with, or inside this or any other appliance.
- Do not leave the washer door open.
An open door could entice children to hang on the door or crawl inside the washer.
- Never reach into washer while it is moving. Wait until the drum has completely stopped.
- The laundry process can reduce the flame retardant of fabrics.
- Do not wash or dry articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances (such as wax, oil, paint, gasoline, degreasers, dry-cleaning solvents, kerosene, etc.) which may ignite or explode.
- To avoid such a result, carefully follow the garment manufacturer's wash and care instructions.
- Do not slam the washer door closed or try to force the door open when locked. This could result in damage to the washer.
- To minimize the possibility of electric shock, unplug this appliance from the power supply or disconnect the washer at the household distribution panel by removing the fuse or switching off the circuit breaker before attempting any maintenance or cleaning.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.

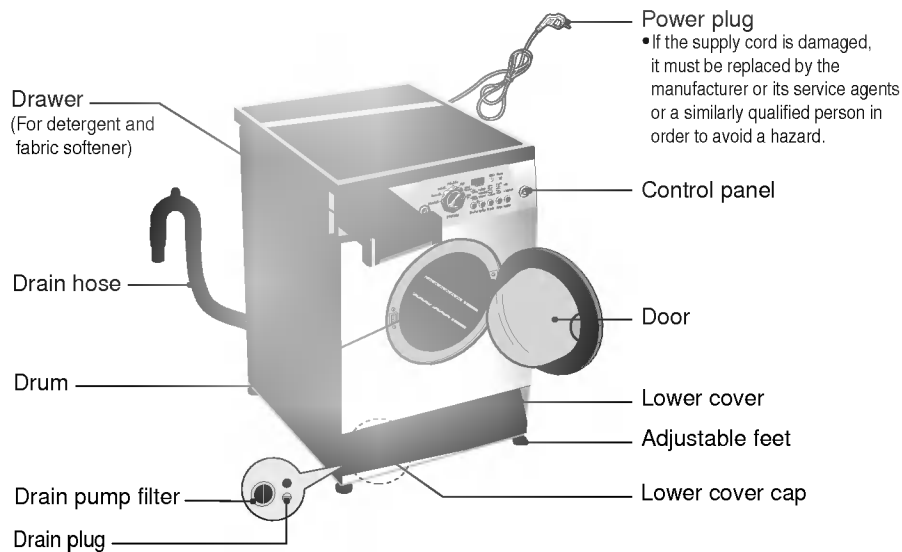
SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinance.

- Do not use an adapter or otherwise defeat the grounding plug.
- If you don't have the proper outlet, consult an electrician.

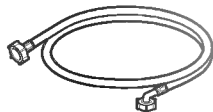
WARNING : Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it does not fit the outlet, have a proper outlet installed by a qualified electrician.



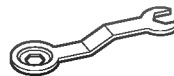
- Name : Front loading washing machine
- Power supply : 220 - 240V~, 50Hz
- Size : 600mm(W) × 600mm(D) × 850mm(H)
- Weight : 65kg
- Wash capacity : 7kg
- Max. Watt : 2100W
- Spin speed : No spin/400/600/800/1000 [WD-10121FD/WD-10126FD]
 No spin/400/800/1000/1200 [WD-12121FD/WD-12126FD]
 No spin/400/800/1000/1400 [WD-14121FD/WD-14126FD]
 No spin/400/800/1200/1600 [WD-16121FD/WD-16126FD]
- Water consumption : 65 ℓ (9.3 ℓ / kg)
- Permissible water pressure : 0.3-10kgf/ cm^2 (30-1000kPa)

* The appearance and specifications may be varied without notice to raise the units quality.

■ Accessories



Inlet hose(1EA)



Spanner

Install or store where it will not be exposed to temperatures below freezing or exposed to the weather. Properly ground washer to conform with all governing codes and ordinances.

The base opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

In countries where there are areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings in clean condition at all times.

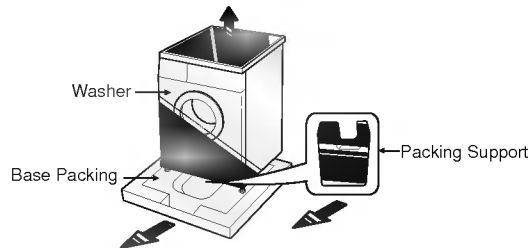
Any damage which may be caused by cockroaches or other vermin will not be covered by the appliance guarantee.

■ Transit bolts

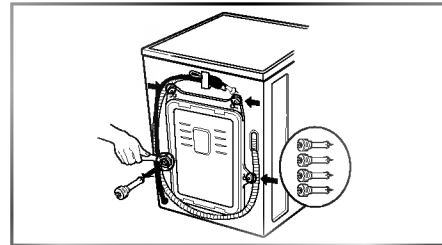
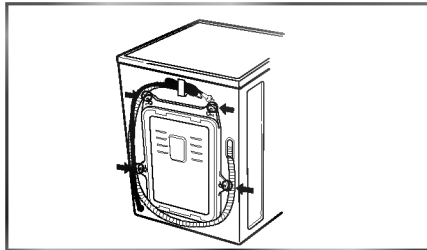
The appliance is fitted with transit bolts to prevent internal damage during transport.

- Packing and all transit bolts must be removed before using the washer.

- When unpacking the base, be sure to remove the additional packing support in the middle of the base packing.



■ Removing transit bolts



1. To prevent internal damage during transport, the special 4 bolts are locked. Before operating the washer, remove the bolts along with the rubber bungs.

- If they are not removed, it may cause heavy vibration, noise and malfunction.

2. Unscrew the 4 bolts with the spanner supplied.

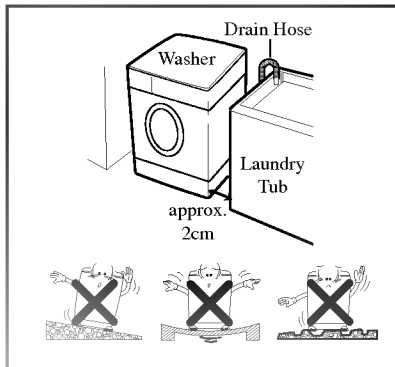
3. Take out the 4 bolts along with the rubber bungs by slightly twisting the bung. Keep the 4 bolts and the spanner for future use.

- Whenever the appliance is transported, the transit bolts must be refitted.

4. Close the holes with the caps supplied.



■ Installation place requirement



Level floor :

Allowable slope under entire washer is 1°

Power outlet :

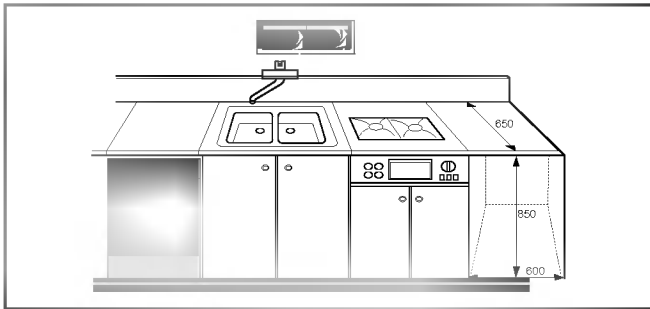
Must be within 1.5 meters of either side of location of washer. Do not overload the outlet with more than one appliance.

Additional Clearance :

For wall, door and floor modeling is required.
(10cm : rear /2cm:right & left side)

Do not place or store laundry products on top of washer at any times.

They can damage the finish or controls.



■ Positioning

Install the washer on a flat hard floor.

Make sure that air circulation around the washer is not impeded by carpets, rug etc.

- Before placing the washer on tiles, apply a rubber mat under the feet.
- Never try to correct any unevenness in the floor with pieces of wood, cardboard or similar materials under the washer.
- If it is impossible to avoid positioning the washer next to a gas cooker or coal burning stove, an insulating(85x60cm) covered with aluminum foil on the side facing the cooker or stove, must be inserted between the two appliance.
- The washer must not be installed in rooms where the temperature can drop below 0°C.
- Please ensure that when the washer is installed, it is easily accessible for the engineer in the event of a breakdown.
- With the washer installed adjust all four feet using the transit bolt spanner provided ensuring the appliance is stable, and a clearance of approximately 20mm is left between the top of the washer and the underside of the work-top.



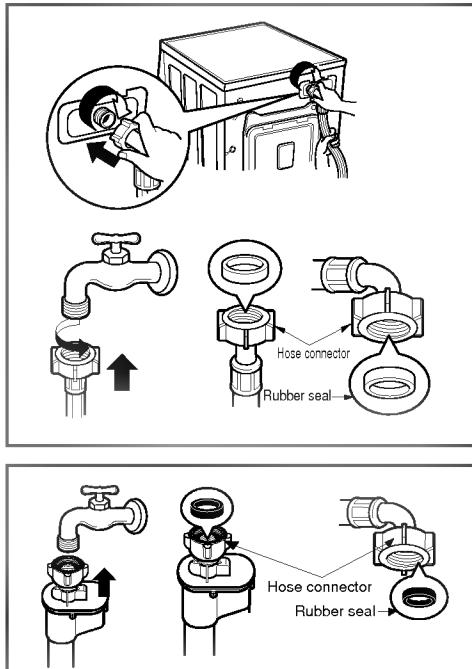
Installation

■ Electrical connection

1. Do not use an extension cord or double adapter.
 2. If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
 3. Always unplug the machine and turn off the water supply after use.
 4. Connect the machine to an earthed socket in accordance with current wiring regulations.
 5. The appliance must be positioned so that the plug is easily accessible.
- Repairs to the washing machine must only be carried out by qualified personnel. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local service center
 - Do not install your washing machine in rooms where temperatures below freezing may occur. Frozen hoses may burst under pressure. The reliability of the electronic control unit may be impaired at temperatures below freezing point.
 - If the appliance is delivered in the winter months and temperatures are below freezing : Store the washing machine at room temperature for a few hours before putting it into operation.

■ Washing Machine is to be connected to the water mains using new hose-sets and that old hose-sets should not be used.

■ Connecting water supply hose



- ▶ *Water supply pressure must be between 30kPa and 1000kPa (0.3~10kgf/cm²)*
 - ▶ *Don't strip or crossthread when connecting Inlet hose to the valve.*
 - ▶ *If the water supply pressure is more than 1000kPa, a decompression device should be installed.*
- Two rubber seals are supplied with the water inlet hoses these are in order to prevent water leaks.
 - Check water tightness of washing machine connections by turning the tap completely on.
 - Periodically check the condition of the hose and replace the hose if necessary.
 - Make sure that there is no kink on the hose and that it is not crushed.

This equipment is not designed for maritime use or for use mobile installations such as caravans, aircraft etc.

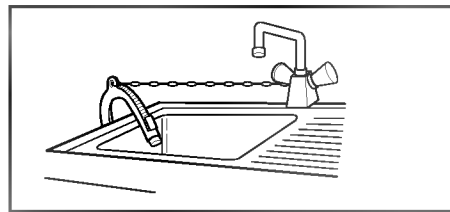
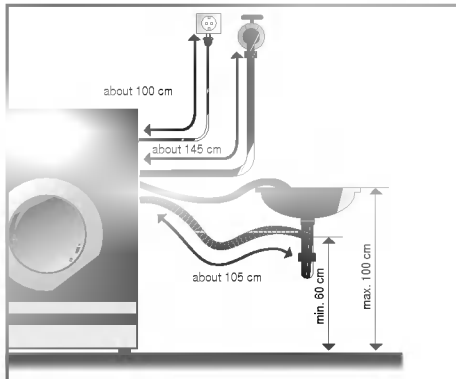
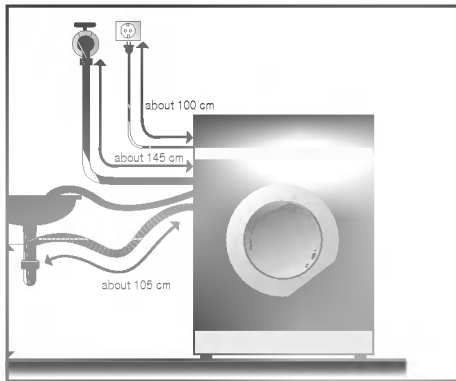
Turn off the stopcock if the machine is to be left for any length of time (e.g. holiday), especially if there is no floor drain(gully) in the immediate vicinity.

When disposing of the appliance, cut off the mains cable, and destroy the plug Disable the door lock to prevent young children being trapped inside.

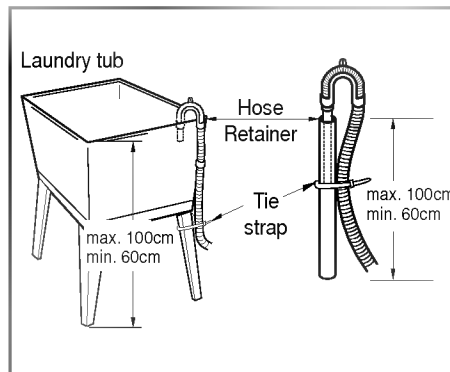
Packaging material (e.g. Films, Styrofoam) can be dangerous for children. There is a risk of suffocation !

Keep all packaging well away from children

■ Installation of drain hose



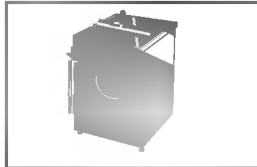
- When installing the drain hose sink, secure it tightly with a string.
- Proper securing of the drain hose will protect the floor from damage due to water leakage.



- The drain hose should not be placed higher than 100 cm above the floor.
- 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 back into the washer. This will cause abnormal noise.

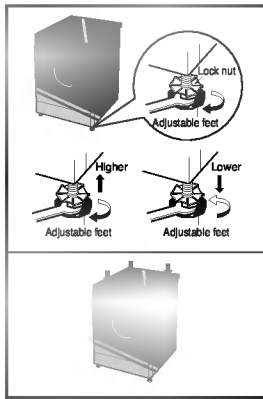


■ Level adjustment



1. Adjusting the washing machine level properly prevents excessive noise and vibration. Install the appliance on a solid and level floor surface, preferably in a corner of the room.

■ Timber or suspended type flooring may contribute to excessive vibration or load balance errors.



2. If the floor is uneven, adjust the adjustable feet as required. (do not insert pieces of wood etc. under the feet) Make sure that all four feet are stable and resting on the floor and then check that the appliance is perfectly level. (use a spirit level)

※ *After the washer is level, tighten the lock nuts up towards of the base of the washer. All lock nuts must be tightened.*

※ Diagonal Check

When pushing down the edges of the washing machine top plate diagonally, the machine should not move up and down at all. (Please, check both of two directions)

If machine rocks when pushing the machine top plate diagonally, adjust the feet again.

■ Concrete floors(tile...)

- The installation surface must be clean, dry and level.
- Install washer on a flat hard floor.
- Before placing the washer on tiles, apply a rubber mat under the feet.
- ※ Do not let the feet of the washer get wet. If feet of the washer get wet, slipping may occur.

■ Wooden floors

- Wooden floors are particularly susceptible to vibration.
- To prevent vibration we recommend you place rubber cups under each foot, at least 15mm thick under the washer, secured to at least 2 floor beams with screws.
- If possible install the washer in one of the corners of the room, where the floor is more stable.
- ※ *Insert the rubber cups to reduce vibration.*
- ※ *You can obtain the rubber cups (p/no.4620ER3001B) from the LG spares dept.*



- Proper placement and levelling of the washer ensure long, regular and reliable operation.
- The washer must be absolutely horizontal and stand firmly in position.
- It must not "Seesaw" across corners under load.
- The installation surface must be clean, free from floor wax and other lubricant coatings.

■ Caring before washing

1. Care Labels

Look for a care label on your clothes. This will tell you about the fabric content of your garment and how it should be washed.

2. Sorting

To get the best results, Sort clothes into loads that can be washed with the same wash cycle. Water temperature and spin speed and different fabrics need to be washed in different ways. Always sort dark colors from pale colors and whites. Wash separately as dye and lint transfer can occur causing discoloration of white etc. If possible, do not wash heavily soiled items with lightly soiled one.

Soil (Heavy, Normal, Light)

Separate clothes according to amount of soil.

Color (White, Lights, Darks)

Separate white fabrics from colored fabrics.

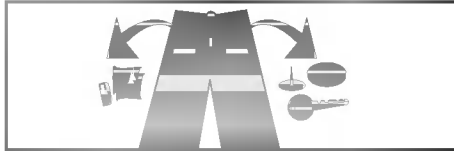
Lint (Lint producers, Collectors)

Wash lint producers and lint collectors separately.

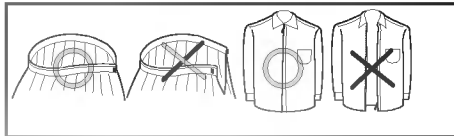
3. Caring before loading

■ **Combine large and small items in a load. Load large items first. Large items should not be more than half the total wash load.**

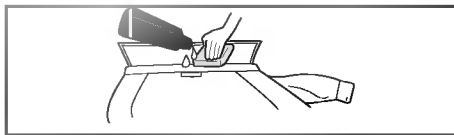
Do not wash single items. This may cause an out-of-balance load. Add one or two similar items.



- Check all the pockets to make sure that they are empty. Things such as nails, hair clip, matches, pens, coins and keys can damage both your washer and your clothes.



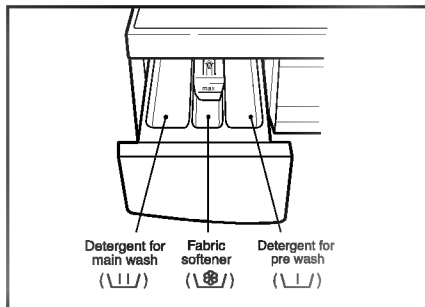
- Close zippers, hook and strings to make sure that these items don't snag on other clothes.






- Pre treat dirt and stains by brushing a little detergent dissolved in water onto stains like collars and cuffs to help shift dirt.

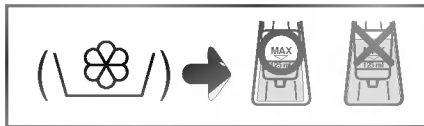
■ Adding detergent and fabric softener

1. The Dispenser Drawer




- Main wash only U 
- Pre Wash + Main Wash U  • 

2. Adding Fabric Softener



- Do not exceed the maximum fill line. Overfilling can cause early dispensing of the fabric softener which could stain clothes.
- Do not leave the fabric softener in the detergent drawer for more than 2 days. (Fabric softener could harden)
- Softener will automatically be added during last rinse cycle.
- Do not open the drawer when water is supplied.
- Solvents (benzene, etc) are not allowable.

 Do not pour fabric softener directly on the cloths

3. Detergent dosage

- The detergent should be used according to the instruction of the detergent manufacture.
- If too much detergent is used more than the recommended amount, too many suds can occur and this will decrease the washing result or cause heavy load to the motor. (Causing a malfunction)
- Use powder detergent only for the front loading washer.
- Detergent usage may need to be adjusted for water temperature, water hardness, size and soil level of the load. For best results, avoid oversudsing.

* Tips

Full load : according to manufacturer's recommendation.
Part load : 3/4 of the normal amount.
Minimum load : 1/2 of full load.

- Detergent is flushed from the dispenser at the beginning of the cycle.

■ Recommended courses according to the laundry type

* Energy label data based on program cotton 60°C, tested in accordance with EN60456.

※() : WD-10121FD/WD-10126FD/WD-12121FD/WD-12126FD

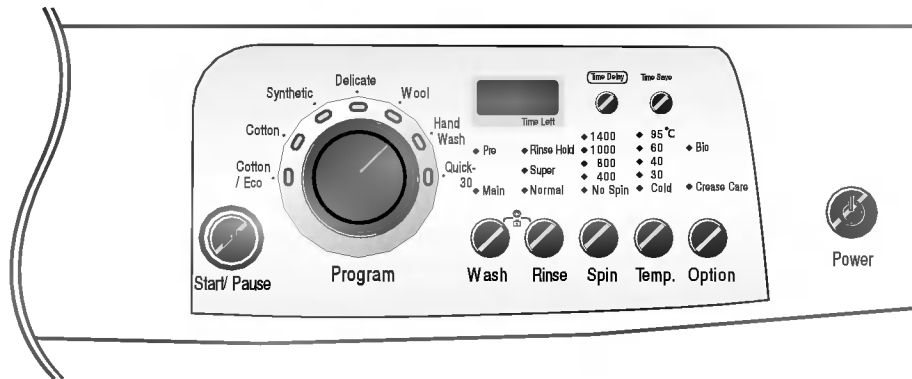
Program	Fabric Type	Proper Temp. (Option)	Washing (Option)	Load	Water in Liter	Energy in KWh	Time in Minutes
Cotton	Color fast garments (shirts, night dresses, pajamas...)and lightly soiled white cotton (underwear...)	60°C (Cold, 30°C, 40°C, 95°C)	Main+(Pre)	7.0kg	65	1.33	163(159)
				5.0kg	55	1.24	163(159)
				2.0kg	42	1.2	153(149)
Cotton-Eco	Laundry type is the same in Cotton.	60°C (40°C)	Main+(Pre)	7.0kg	65	1.4	178
				5.0kg	55	1.2	178
				2.0kg	38	1.0	163
Synthetic	Polyamide, Acrylic, Polyester.	40°C (Cold, 30°C, 60°C)	Main+(Pre)	3.5kg	60	0.5	92
				2.0kg	48	0.4	
Delicate	Delicate laundry easily damaged.(silk, curtains...)	30°C (Cold, 40°C)	Main	3.0kg	60	0.5	67
				1.0kg	48	0.3	
Wool	Machine washable woolens with pure new wool only.	30°C (Cold, 40°C)	Main	2.0kg	52	0.3	61
				1.0kg	48	0.2	
Hand Wash	"Hand Wash" marked delicate and wool laundry.	Cold (30°C, 40°C)	Main	2.0kg	52	0.03	60
				1.0kg	48	0.01	
Quick 30	Laundry type is the same in Cotton and Synthetic.	30°C (Cold, 40°C)	Main	5.0kg	48	0.3	30
				2.0kg	40	0.2	

* Pre Wash : If the laundry is heavily soiled, "Pre Wash" course is effective.

Pre Wash is available in Cotton-Eco, Cotton, Synthetic program.

* Water Temperature : Select the water temperature to the wash cycles. Always follow garment manufacturer's care label or instructions when laundering.

How to use washer



1. For use in the initial program (Cotton)

- To start press the **Power**(⏻) button.
- Press the **Start/Pause** button.
- Initial condition
 - **Wash : Only main wash**
 - **Rinse : 3 times**
 - **Spin : 1600 rpm**
(1400 rpm, 1200 rpm, 1000 rpm)
 - **Water temperature : 60°C**
 - **Program : Cotton**

2. Manual Selecting

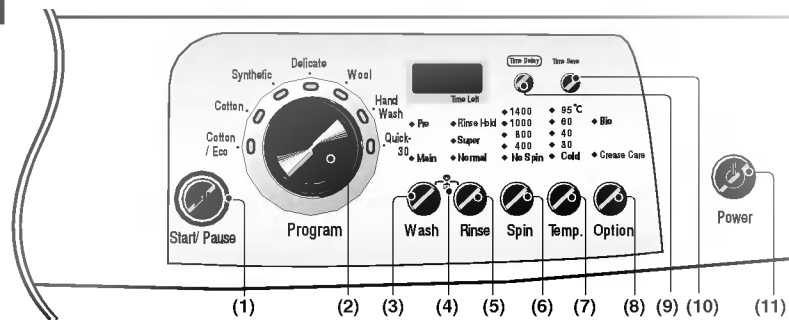
- To start press the **Power**(⏻) button.
 - Select the conditions which you want to use, by pressing each button.
- For selecting the each conditions, please refer to the page41~page46*
- Press the **Start/Pause** button.

3. Beep on/off

- The Beep on/off function can be set by pressing and holding the Temp. and Spin button simultaneously.
- The Beep on/off function can be set at any time and it is automatically canceled when power failure occur. Also the Beep on/off function works when power is off.

4. Auto half load.

- Auto half load saves you time and money when washing smaller loads. The washing machine is fitted with a self adjusting water level system.
- This system enables the machine to use the amount of water needed to wash and rinse the laundry in relation to the particular load.



- | | | |
|--------------------------|--------------------------|-------------------------|
| (1) Button : Start/Pause | (5) Button : Rinse | (9) Button : Time Delay |
| (2) Dial : Program | (6) Button : Spin | (10) Button : Time Save |
| (3) Button : Wash | (7) Button : Water Temp. | (11) Button : Power |
| (4) Child lock | (8) Button : Option | |



1. Power

- Press the Power(⏻) button to turn power on and off
- To cancel the **Time Delay** function, it can also be used.

2. Initial Program

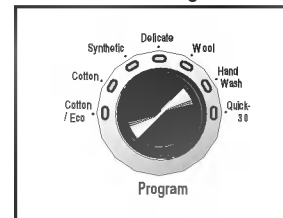
- When the Power(⏻) button is pressed, the washer is ready for Cotton program. And the other initial conditions as follows.
- So, if you want to advance into the washing cycle without selecting the program, just press **Start/Pause** button and then the washer will proceed.

Initial program

- [WD-16121FD/WD-16126FD]
-Cotton Program / Main wash / Normal Rinse / 1600 rpm / 60°C
- [WD-14121FD/WD-14126FD]
-Cotton Program / Main wash / Normal Rinse / 1400 rpm / 60°C
- [WD-12121FD/WD-12126FD]
-Cotton Program / Main wash / Normal Rinse / 1200 rpm / 60°C
- [WD-10121FD/WD-10126FD]
-Cotton Program / Main wash / Normal Rinse / 1000 rpm / 60°C

- 7 programs are available according to the laundry type.

- Cotton-Eco
- Cotton
- Synthetic
- Delicate
- Wool
- Hand Wash
- Quick 30



1. Program

- When **Start/Pause** button is pressed, Cotton program is automatically selected.
- By turning the Program dial, the program is selected in orders of "Cotton – Synthetic – Delicate – Wool – Hand Wash – Quick 30 – Cotton-Eco".

Regarding to the laundry type for each program Please refer to the page39.

2. Course

- | | |
|--------------|-------------|
| - Cotton-Eco | - Wool |
| - Cotton | - Hand Wash |
| - Synthetic | - Quick 30 |
| - Delicate | |



1. Start

- This **Start/Pause** button is used to start wash cycle or pause the cycles.

2. Pause

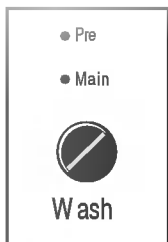
- If temporary stop of wash cycle is needed, press "**Start/Pause**" button.
- After the pause button is pressed, the power is turned off automatically 4 minutes later.



1. Time Save

- This option can be used to reduce the time of a wash program.
- To use this option press the Time Save button once before the wash program is started.
- This option is not available with Quick 30 program.





• By pressing the Wash button, the wash type can be selected.

- *Main Wash*
- *Pre Wash + Main Wash*

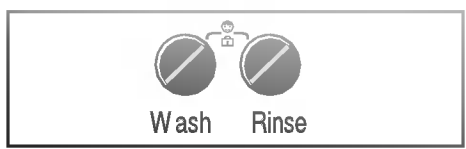
1. Main Wash

- Main Wash course is available for lightly or normally soiled laundry.

2. Pre Wash + Main Wash

- If the laundry is heavily soiled, “*Pre Wash + Main Wash*” course is effective.
- Pre Wash is available in *Cotton-Eco*, *Cotton* and *Synthetic* program.

If lamp turns on, that function has been selected.



If you want to lock all the buttons to prevent operation by a child or infirm persons, this function can be used.

1. Child lock

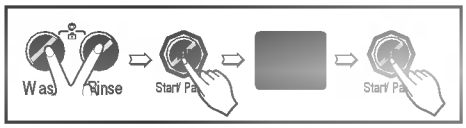
- Child lock can be set by pressing and holding the **Wash** and **Rinse** button simultaneously.



- *When child lock is set, all buttons are inoperable.*
- To deactivate Child lock system, press and hold **Wash** and **Rinse** button simultaneously again.



- If you want to change the program when Child lock is active,
 1. Press and hold both **Wash** and **Rinse** button together.
 2. Press the **Start/Pause** button.
 3. Change the desired program and press the **Start/Pause** button.



- The child lock can be set at any time and it is automatically canceled when operational errors occur. Also *Child lock* works when power is off.



- Rinse Hold
- Super
- Normal



Rinse

• By pressing the Rinse button, the Rinse type can be selected.

- Normal
- Super
- Normal + Rinse Hold
- Super + Rinse Hold

1. Normal

- Cotton-Eco / Cotton / Synthetic performs 3 Rinses
- Wool / Hand Wash /Quick 30 / Delicate performs 2 Rinses

2. Super

- Normal + 1 more rinse time.
- Use the Super rinse when additional rinsing is desired to remove excess dirt and detergent soiled loads.

3. Rinse Hold

- If you desire to leave fabrics in the machine without spinning after rinse to prevent them from getting wrinkled, you may select rinse hold by pressing the **Rinse** button.
- If you want to drain and spin, when Rinse Hold function is proceed, Press the **Start/Pause** button to cancel the Rinse Hold function and select spin speed or program. Press the **Start/Pause** button again to start program.
- If you want to drain only, select the **No Spin** program.

If lamp turns on, that function has been selected.



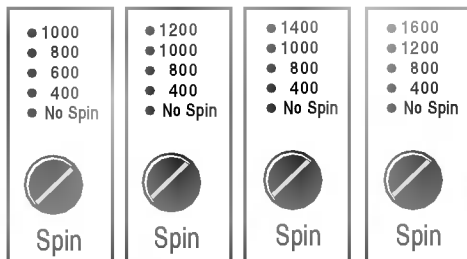
1. Time Delay

Preparing washing before starting “Time Delay”

- Turn on the water tap.
- Load laundry and close the door.
- Place the detergent and fabric softener in the drawer.

- How to set “Time Delay”
 - Press **Power**(⏻) button.
 - Turn the **Program** dial to select the program you require.
 - Press **Time Delay** button and set the desired time.
 - Press the **Start/Pause** button.(“:” blinks.)

- If **Time Delay** button is pressed, “3:00” is displayed. The maximum delayed time is 19:00 hours and the minimum time is 3:00 hours.
- Each pressing of the button advances time delay by one hour.
- To cancel the time delay, press the **Power**(⏻) button.
- **Time Delay** is ‘expected time’ from the present to the completion of washing cycle or selected process (Wash, Rinse, Spin).
- *According to the condition of water supply and temperature, the delayed time and the actual washing time may vary.*



[WD-10121FD/WD-10126FD] [WD-12121FD/WD-12126FD] [WD-14121FD/WD-14126FD] [WD-16121FD/WD-16126FD]

- By pressing the Spin button, the spin rpm can be chosen.
- When you want spin only, press the [Spin] button to select the Spin speed.

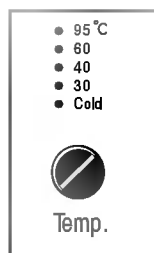
1. Spin selection

- Spin rpm is available according to the program as follows.
- **Cotton / Cotton-Eco / Quick 30**
[WD-16121FD/WD-16126FD]
No Spin – 400 – 800 – 1200 – 1600
[WD-14121FD/WD-14126FD]
No Spin – 400 – 800 – 1000 – 1400
[WD-12121FD/WD-12126FD]
No Spin – 400 – 800 – 1000 – 1200
[WD-10121FD/WD-10126FD]
No Spin – 400 – 600 – 800 – 1000
- **Synthetic / Wool / Hand Wash**
No Spin – 400 – (600) – 800 – 1000
- **Delicate**
No Spin – 400 – (600) – 800

2. No spin

- If “No Spin” is selected, the washer stops after draining water.
- * It is possible to remove this spin on the rinse when “No Spin” is selected on the Wool, Delicate and Hand Wash program.

If lamp turns on, that function has been selected.



- By pressing the Temp. button, the water temperature can be selected.
- *Cold*
- 30°C / 40°C / 60°C / 95°C

1. Water Temperature

- Water temperature can be selected as below according to the program.
- **Cotton-Eco**
40°C – 60°C
- **Cotton**
Cold – 30°C – 40°C – 60°C – 95°C
- **Synthetic**
Cold – 30°C – 40°C – 60°C
- **Delicate & Wool & Quick 30 & Hand Wash**
Cold – 30°C – 40°C

Selected temperature's lamp turns on.

For the more detailed information, please refer to the page 39.



- By pressing the Option button, only one Option function may be selected.
- *Bio*
- *Crease Care*

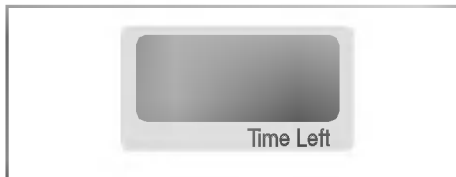
1. Bio

- If you want to eliminate protein stains (milk, blood, chocolate...), you may select Bio function by pressing the option button.
- NB.** You can select Bio function when temperature is higher than 60°C in Cotton-Eco, Cotton and Synthetic.

2. Crease Care

- If you want to prevent crease, select this button with spin speed.





1. Special function display

- When Child lock is selected, the “**CL**” is displayed.
- When time delay is selected, it shows the remaining times to finish the selected program.

2. Self diagnose display

- If the washer has a trouble, the trouble type is displayed.
 - “**PE**” : Sensing water pressure error
 - “**FE**” : Problem of overfilling water
 - “**dE**” : Door is not closed
 - “**LE**” : Over load in motor
 - “**CE**” : Over load in motor
 - “**IE**” : Water inlet trouble
 - “**DE**” : Drainage trouble
 - “**UE**” : Imbalance trouble
 - “**EE**” : Water temperature trouble

If this error letters are displayed, please refer to the troubleshooting page50 and follow the guide.

3. Completion of washing

- When washing cycle is completed, “**End**” is displayed on the “**Multi display**”.

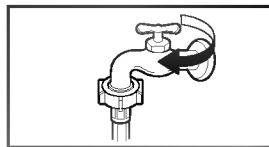
4. Time left

- During washing cycle, the remaining washing time is displayed.
- Recommended program by manufacturer.
 - ※() : WD-10121(6)FD/WD-12121(6)FD
 - Cotton-Eco : around 2 hours and 58 minutes
 - Cotton : around 2 hours and 43(39) minutes
 - Synthetic : around 1 hour and 32 minutes
 - Delicate : around 1 hour and 7 minutes
 - Wool : around 1 hour and 1 minute
 - Hand Wash : around 1 hour
 - Quick 30 : around 30 minutes
- The washing time may vary by the amount of laundry, water pressure, water temperature and other washing conditions.
- If the imbalance is detected or if the suds removing program works, the wash time shall be longer.
(Max. increasing time is 45minutes.)

- * Before cleaning the washer interior, unplug the electrical power cord to avoid electrical shock to avoid electrical shock hazards.
- * When disposing of the appliance, cut off the mains cable, and destroy the plug Disable the door lock to prevent young children being trapped inside.

■ The water inlet filter

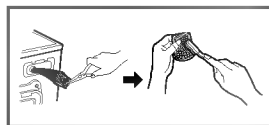
- " **!E** " error message will blink on the control panel when water does not enter the detergent drawer.
 - If your water is very hard or contains traces of lime deposit, the water inlet filter may become clogged.
- It is therefore a good idea to clean it from time to time.



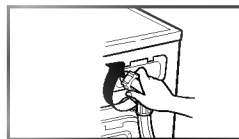
1. Turn off the water tap.



2. Unscrew the water inlet hose.



3. Clean the filter using a hard bristle brush.



4. Tighten up the inlet hose.

■ The drain pump filter

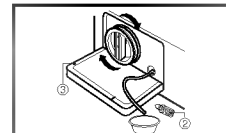
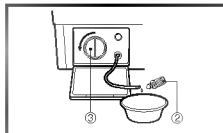
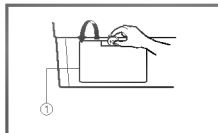
- * The drain filter collects threads and small objects left in the laundry.
- Check regularly that the filter is clean to ensure smooth running of your machine.

▲ CAUTION First drain using the drain hose and then open the pump filter to remove whatever any threads or objects.

Be careful when draining if the water is hot.

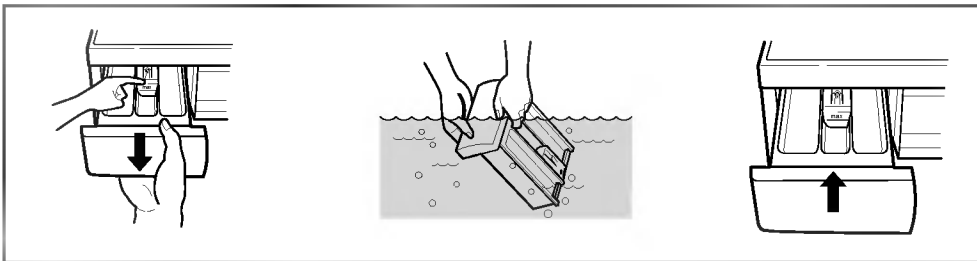
- * Allow the water to cool down before cleaning the drain pump, carrying out emergency emptying or opening the door in an emergency.

1. Open the lower cover cap (①) by using a coin. Turn the drain plug (②) to pull out the hose.
2. Unplug the drain plug (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 out any foreign material from the pump filter (③). After cleaning, turn the pump filter (③) clockwise and insert the drain plug (②) to the original place. close the lower cover cap.



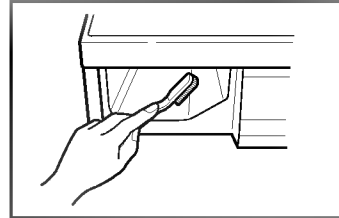
■ Dispenser drawer

- * After a while detergents and fabric softeners leave a deposit in the drawer.
- 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 downward and by pulling it out.
- To facilitate cleaning, the upper part of the fabric softener compartment can be removed.



■ The drawer recess

- * Detergent can also accumulate inside the recess which should be cleaned occasionally with an old toothbrush.
- Once you have finished cleaning, replace the drawer and run a rinse cycle without laundry.



■ The washing drum

- If you live in a hard water area, limescale continuously builds up in places where it cannot be seen and it is not easily removed.
Over time the build up of scale clogs appliances, and if it is not kept in check these will eventually have to be replaced.
- Although the washing drum is made of Stainless steel, specks of rust can be caused by small metal articles (paper clips, safety pins) which have been left in the drum.
- The washing drum should be cleaned from time to time.
- If you use descaling agents, dyes or bleaches, make sure they are suitable for washing machine use.
- * Descaler could contain components that can attack part of your washing machine.
- * Remove the spots with a stainless steel cleaning agent.
- * Never use steel wool.





■ Cleaning your washer

1. Exterior

Proper care of your washer can extend its life.

The outside of the machine can be cleaned with warm water and a neutral non abrasive household detergent.

Immediately wipe off any spills. Wipe with damp cloth.

Try not to hit surface with sharp objects.


* IMPORTANT: Do not use methylated spirit, diluents or similar products.

2. Interior

Dry around the washer door opening, flexible gasket and door glass. These areas should always be clean to ensure a water tight seal.


Run washer through a complete cycle using hot water.

Repeat process if necessary.

 Remove hard water deposits using only cleaners labeled as washer safe.

■ Winterizing instructions

If the washer is stored in an area where freezing can occur or moved in freezing temperatures, follow these winterizing instructions to prevent damage to the washer:











1. Turn off water supply tap.
 2. Disconnect hoses from water supply and drain water from hoses.
 3. Plug electrical cord into a properly grounded electrical outlet.
 4. Add 1gallon(3.8L) nontoxic recreational vehicle(RV) antifreeze to empty wash drum. Close door.
 5. Set spin cycle and let washer spin for 1minute to drain out all water.
Not all of the RV antifreeze will be expelled.
 6. Unplug electrical power cord, dry drum interior, and close door.
 7. Remove dispenser drawer. Drain any water in compartments and dry compartments.
Replace drawer.
 8. Store washer in an upright position.
 9. To remove antifreeze from washer after storage, run empty washer through a complete cycle using detergent. Do not add wash load.
- 

* This washing machine is equipped with automatic safety functions which detect and diagnose faults at an early stage and react appropriately
 When the machine does not function properly or does not function at all, check the following points before you call the Service Department.

Symptom	Possible Cause	Solution
Rattling and clanking noise	<ul style="list-style-type: none"> Foreign objects such as coins or safety pins maybe in drum or pump. 	<p>Stop washer and check drum and drain filter. If noise continues after washer is restarted, call your authorized service.</p>
Thumping sound	<ul style="list-style-type: none"> Heavy wash loads may produce a thumping sound. This is usually normal. 	<p>If sound continues, washer is probably out of balance. Stop and redistribute wash load.</p>
Vibrating noise	<ul style="list-style-type: none"> Have all the transit bolts and packing been removed? Are all the feet resting firmly on the ground? 	<p>If not removed during installation. See Installation for removing transit bolts. Wash load unevenly distributed in drum. Stop washer and rearrange wash load.</p>
Water leaks.	<ul style="list-style-type: none"> Fill hose connection is loose at tap or washer. House drain pipes are clogged. 	<p>Check and tighten hose connections. Unclog drain pipe. Contact plumber if necessary.</p>
Oversudsing		<p>Too much detergent or unsuitable detergent? The formation of foam can cause water leaks.</p>
Water does not enter washer or it enters slowly	<ul style="list-style-type: none"> Water supply it not adequate in area. Water supply tap is not completely open. Water inlet hose are kinked. The filter of the inlet hose clogged. 	<p>Check another tap in the house. Fully open tap. Straighten hose. Check the filter of the inlet hose.</p>
Water in the washer does not drain or drains slowly.	<ul style="list-style-type: none"> Drain hose is kinked or clogged. The drain filter is clogged. 	<p>Clean and straighten the drain hose. Clean the drain filter.</p>

Symptom	Possible Cause	Solution
Washer does not start	<ul style="list-style-type: none"> • Electrical power cord may not be plugged in or connection may be loose. • House fuse blown, circuit breaker tripped, or a power outage has occurred. • Water supply tap is not turned on. 	<p>Make sure plug fits tightly in wall outlet.</p> <p>Reset circuit breaker or replace fuse. Do not increase fuse capacity. If problem is a circuit overload, have it corrected by a qualified electrician.</p> <p>Turn on water supply tap.</p>
Washer won't spin	<ul style="list-style-type: none"> * Check that the door is firmly shut. 	<p>Close the door and press the Start/Pause button. After pressing the Start/Pause button, it may take a few moments before the clothes washer begins to spin. The door must lock before spin can be achieved.</p>
Door does not open		<p>Once started, the door can not be opened for safety reasons. Wait one or two minutes before opening the door to give the electric locking mechanism time to release.</p>
Wash cycle time delayed		<p>The washing time may vary by the amount of laundry, water pressure, water temperature and other using conditions. If the imbalance is detected or if the suds removing program works, the wash time shall be increased.</p>



Symptom	Possible Cause	Solution
	<ul style="list-style-type: none"> Water supply it not adequate in area Water supply taps are not completely open. Water inlet hose are kinked. The filter of the inlet hose clogged. 	Check another tap in the house. Fully open tap. Straighten hose. Check the filter of the inlet hose.
	<ul style="list-style-type: none"> Drain hose is kinked or clogged. The drain filter is clogged. 	Clean and straighten the drain hose. Clean the drain filter.
	<ul style="list-style-type: none"> Load is too small. Load is out of balance. The appliance has an imbalance detection and correction system. If individual heavy articles are loaded bath mat, both robe, etc. this system may stop spinning or even interrupt the spin cycle altogether, if the imbalance is too great even after several spin starts. If the laundry is still too wet at the end of the cycle, add smaller articles of laundry to balance the load and repeat the spin cycle. 	Add 1 or 2 similar items to help balance the load. Rearrange load to allow proper spinning
	 <ul style="list-style-type: none"> Is the door opened? 	Close the door. * If "dE" is not released, call for service.
		Unplug the power plug and call for service.
	<ul style="list-style-type: none"> If the water overfills due to the faulty water valve, you will get "FE" display. 	Close the water tap. Unplug the power plug. Call for service.
	<ul style="list-style-type: none"> "PE" is displayed if the water level sensor malfunction. 	
	<ul style="list-style-type: none"> Over load in motor. 	
	<ul style="list-style-type: none"> Over load in motor. 	



What Is Not Covered:

- Service trips to your home to teach you how to use the product.
- If the product is connected to any voltage other than that shown on the rating plate.
- If the fault is caused by accident, neglect, misuse or Act of God.
- If the fault is caused by factors other than normal domestic use or use in accordance with the owner's manual.
- Provide instruction on use of product or change the set-up of the product.
- If the fault is caused by pests for example, rats or cockroaches etc..
- Noise or vibration that is considered normal for example water drain sound, spin sound, or warming beeps.
- Correcting the installation for example, levelling the product, adjustment of drain.
- Normal maintenance which recommended by the owner's manual.
- Removal of foreign objects / substances from the machine, including the pump and inlet hose filter for example, grit, nails, bra wires, buttons etc.
- Replace fuses in or correct house wiring or correct house plumbing.
- Correction of unauthorized repairs.
- Incidental or consequential damage to personal property caused by possible defects with this appliance.
- If this product is used for commercial purpose, it is not warranted.
(Example : Public places such as public bathroom, lodging house, training center, dormitory)

If the product is installed outside the normal service area, any cost of transportation involved in the repair of the product, or the replacement of a defective part, shall be borne by the owner.





Warranty conditions for washing machine

- 1. The warranty period begins** on the purchase date and is valid for 24 months. Begin of warranty period is proven if, the buyer submits purchase receipt together with the warranty card, filled in and signed by the seller. The serial number of the product must agree with the number entered onto the warranty card.
- 2. During the warranty period, we will** correct any defects at no cost to you, if it can be proven that these are attributed to manufacturing or material defects.
- 3. Damages due to incorrect handling, non-compliance with instructions for use and normal wear are not covered by this warranty.** Also, the warranty does not cover wear parts or easily broken parts (for example, viewing glass, light bulbs). The buyer is responsible for any damages during transport as well as shipping and packaging costs.
- 4. We decide whether to make repairs, exchange or replace parts.** Exchanged or replaced parts are our property. The original warranty period is not prolonged if a refrigerator is repaired or certain parts are replaced.
- 5. The warranty is nullified** if any person intervenes in the apparatus that are not authorised by LG Electronics, if the apparatus is used for commercial purposes.
- 6. Always keep the original packaging,** so that if the apparatus requires servicing, it can be transported without damaging it.
- 7. If a repair is covered by this warranty,** always contact your dealer or an authorised service centre.
- 8. Further claims are excluded.** If parts of these provisions are invalid, they apply in the sense of the wording. The validity of the other provisions is not effected.

Warranty Certificate

For offer a 24-month warranty for this apparatus

During the 24-month warranty period, we will repair your apparatus at no cost to you or make available spare parts to your dealer free, if this apparatus fails due to manufacturing or material defects. Further claims are excluded.
Your warranty conditions on the rear also apply!

Type of apparatus : _____

Serial number :

Name of buyer : _____

Purchase date : _____

Dealer's stamp and signature

