

ALSO FROM IFB



MICROWAVE OVEN
CAPACITY - 17 to 30 LITERS



CLOTHES DRYER
CAPACITY - 5.5KG



DISHWASHER
CAPACITY - 12 PLACE SETTING

IFB

Advancing the science of washing

EXECUTIVE PLUS

OPERATING MANUAL

IFB

**Customer Care
Dial**

1860 425 5678 - BSNL & MTNL Callers

3900 4321 - Other Callers

or email

customerservice@ifbglobal.com

USE ONLY GENUINE IFB SPARES & ACCESSORIES

** Company shall not be responsible for defects arising due to usage of spurious parts and accessories*

Dear Customer

A warm welcome to the international family of IFB 'tumble wash' technology based washing machine owners.

Your washing machine, is truly going to be your freedom machine. It requires just 30 seconds of your time in loading the fabrics and setting the programme.

Thereafter, you are totally free to do what you please. This washing machine does not need your supervision anymore. This washing machine is modelled on the unique 'tumble wash' concept for superior fabric care and wash performances.

As you read this manual you will understand what this washing machine can do for you.

For any further information, please contact your nearest dealer or IFB's Service Centre.



Chief Executive

SERVICE STATION COPY

MODEL : EXECUTIVE PIUS SR. NO. WTEX+B _____

DEALER'S NAME : _____

CUSTOMER'S NAME : _____

ADDRESS : _____

PIN CODE : _____

TEL. NO. (Resi.) _____ (Off.) _____

E-MAIL : _____

MOTOR SR. NO. : _____

DATE OF PURCHASE : _____

INSTALL THE MACHINE ONLY IF EARTHING IS PROPER

I OWN THE FOLLOWING PRODUCTS: (Please tick in the box)

☐ COLOUR TV ☐ REFRIGERATOR ☐ AIR CONDITIONER

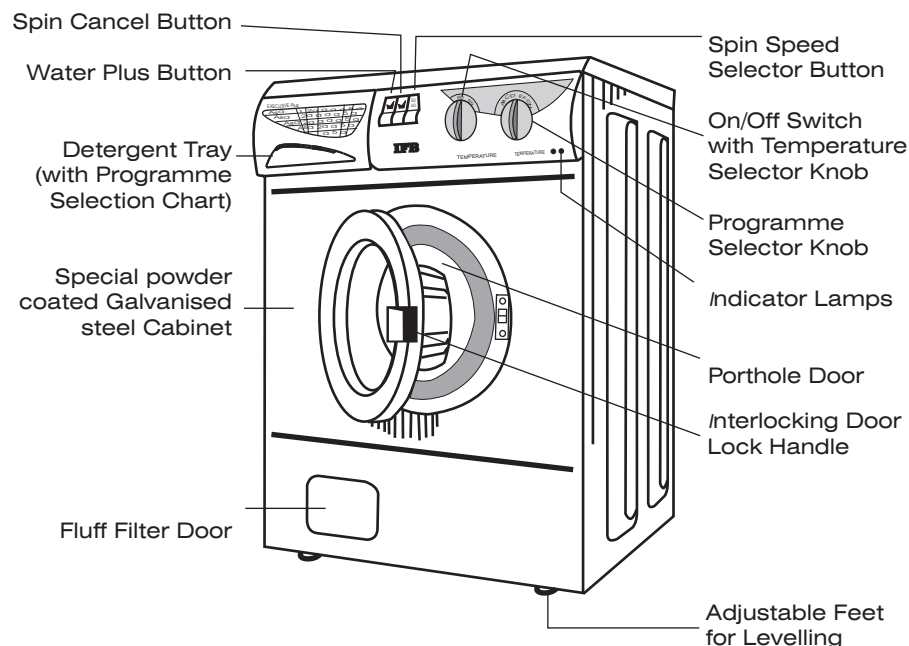
☐ DISH WASHER ☐ MICROWAVE OVEN ☐ CLOTHES DRYER

FRANCHISEE ATTACHED: _____

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KNOW YOUR MACHINE



ADVANTAGES OF TUMBLE WASH

- ☐ MOST EFFECTIVE CLEANING AS THE CLOTHES PASS THROUGH SOAPY WATER AND ALSO FALL ON SOAP SOLUTION IMPROVING WETTING OF CLOTHES.
- ☐ RESEMBLES THE THUMPING AND RUBBING ACTION OF GENTLE HAND WASH.
- ☐ USES LESS WATER COMPARED TO TUB TYPE TOP LOADERS.
- ☐ LESS WATER MEANS LESS DETERGENT AND ELECTRICITY CONSUMPTION.
- ☐ WASHING IS EFFECTIVE BY DETERGENCY, SOAKING, HEATING, TUMBLING AND SQUEEZING.
- ☐ GIVES BETTER DRYING EFFECT BY SPINNING.

INSTALLATION REPORT

IFB WASHING MACHINE

Model : _____ Serial No. : _____ Customer's Name : _____
 Address : _____ Tel. No. _____

Installation Check Points

Machine Delivered on : _____ Machine Installed on : _____

1. Any Major transit damage to the machine observed	Yes	No
2. Condition of Earthing/Plug Point (16 Amp. 230V AC with MCB or other automatic short circuit protection devices.) good		
If poor, customer has been advised, to correct the same	Yes	No
3. User Manual Delivered	Yes	No
4. Inform user of need to keep drain hose straight & maximum height of draining.	Yes	No
5. Warranty term explained	Yes	No
6. Machine levelling procedure & importance explained	Yes	No
7. Detergents and bleach recommendation		
revelent DD tray chambers explained	Yes	No
8. Basic wash demo given	Yes	No
9. Trouble shooting explained	Yes	No
10. Check following for proper order :		
a. Inlet Hose	Yes	No
b. DD Tray	Yes	No
c. Ratmesh fitted (If applicable)	Yes	No
d. Drain hose	Yes	No
11. Do's and Don't's explained	Yes	No
12. Display function explained (If applicable)	Yes	No
13. Procedure for cleaning rubber sleeve / coin trap	Yes	No
14. Program selection, Programs & buttons options (other knob) explained	Yes	No
15. Indicator lamp/Status LED function (if Applicable)	Yes	No
16. Buzzer function (if Applicable)	Yes	No

Installed by : _____ Signature : _____

Customer's response

1. The installation person was courteous & Helpful.	Yes	No
2. I would describe my experience with installation as	Unacceptable Non Satisfactory	Satisfactory Very Satisfactory

I certify that the above information & checks have been done to my satisfaction & I am fully satisfied with the installation of the washing machine.

Customer's Signature _____ Date : _____ Time : _____

CUSTOMER COPY

MODEL : EXECUTIVE PIUS SR. NO. WTEX+B _____

DEALER'S NAME : _____

CUSTOMER'S NAME : _____

ADDRESS : _____

PIN CODE : _____

TEL. NO. (Resi.) _____ (Off.) _____

E-MAIL : _____

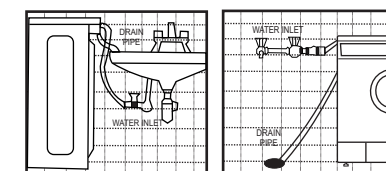
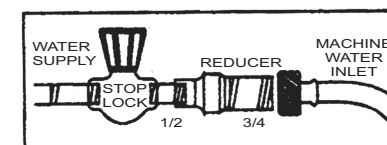
MOTOR SR. NO. : _____

DATE OF PURCHASE : _____

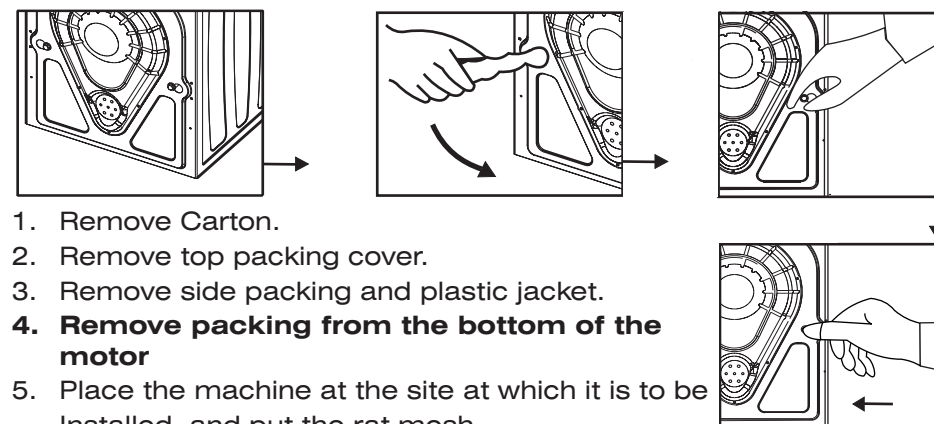
INSTALLATION

Pre Installation

1. It is mandatory to have a 16 amp. 3-pin 230V AC, 50Hz electrical point with a 16 amp. MCB or Automatic short circuit protection device within 1 meter of the machine. Make sure it has proper earthing.
2. Fixed plumbing is recommended for the machine. The water inlet of the machine has a collar with 3/4" parallel internal threads. The water supply point with an external 3/4" parallel thread should be available within 1 meter of the machine's location.
3. Two options on the water inlet and drain pipe connection are shown. In case these possibilities do not exist for the drain pipe, please arrange an additional length of pipe.
4. Please inform our service centre for installation and demonstration of the machine once the points mentioned above have been completed.



Unpacking



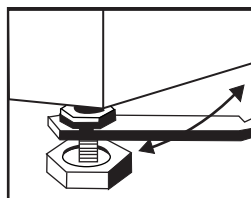
1. Remove Carton.
2. Remove top packing cover.
3. Remove side packing and plastic jacket.
4. **Remove packing from the bottom of the motor**
5. Place the machine at the site at which it is to be installed, and put the rat mesh.

6. Remove transit bolts.
7. Insert plastic caps provided into holes vacated and press till they click into place.
8. Keep transit bolts carefully. They will be required in case you need to shift the machine again.
9. For shifting and re-installation at a new site, please get in touch with our service personnel.
10. Keep packaging material carefully. It comes handy while shifting residence.
11. PLEASE DO NOT OPERATE THE MACHINE TILL TRANSIT BOLTS HAVE BEEN REMOVED.

Setting Up

The machine should be levelled properly on the floor. However, it can be installed on any suitable platform or trolley, as desired.

Install machine in a room with adequate ventilation. Avoid a room with no windows. The back of the machine should be at least 4 inches (100 mm) away from the wall.



1. Do not place the machine on slanting, uneven, unstable surface.
2. Level the machine by using the adjustable screws provided at the bottom for levelling.
3. Loosen securing nut. Adjust the screw to change level. Tighten securing nut to ensure that screw is locked into place.
4. **Make sure that the machine rests on all four feet on a level surface, at all times, to avoid vibrations during operation**
5. Machine should be leveled again in case it is moved to a new site.
6. Machine is provided with ventilating openings on the base. Hence it is always recommended to put the machine on the floor after removing the carpet.
7. In countries where there are areas which may be subjected to infestation by cockroaches or other insects etc, pay attention to keep the appliance & surrounding in clean condition at all times any damage which be caused by cockroaches etc will not be covered by the appliance gurantee.

TECHNICAL DATA

Dimensions (DxWxH)	:	56 cm x 60 cm x 85 cm
Weight	:	57 kgs
Capacity	:	5 Kg. of dry clothes (cotton)*
Programmes	:	18 Wash Care Programmes
Selector Buttons	:	Water Plus, Spin Cancel, Spin Speed Selector
Spin Speed	:	600 to 800 rpm
Heater Rating	:	1.9Kw
Drum	:	Stainless Steel
Temperature Selection	:	Cold to 90°C
Drain Pump Rating	:	30 Watts
Water Consumption	:	45 litres for standard wash.
Power Consumption	:	0.25 unit for cold wash
Cotton Wash Programme	:	1.2 - 1.5 unit hot wash at 60°C
Connected Load	:	2.35 KW Max.
Programme Duration	:	30 to 95 minutes
Power supply	:	220 - 240 V, Single Phase, 50 Hz
Water Pressure	:	1 bar (1.03 kg/cm ²) - 10 bar (10.3 kg/cm ²)

Specifications are subject to change without Prior notice.

*Capacity depends on size, texture and combination of clothes

Depending on water pressure, Water hardness, Water inlet Temperature, Quantity and type of textile, Detergents used, Degree of soiling, Ambient condition, selected additional functions & power supply fluctuations the actual values given on or with the machine can deviate from the declared standard values, as they are tested according to the laboratory conditions

- ❑ Avoid the machine coming in contact with floor cleaning chemicals.*
- ❑ Do not wash or spray water over the switch or control panel.
- ❑ Do not allow children/pets to play with the machine.
- ❑ Do not wash shoes or utensils in the machine.
- ❑ Keep machine away from fire or heat.
- ❑ IFB will not be responsible if the user uses accessories not manufactured or recommended by IFB.
- ❑ Take care when draining hot washing solution.
- ❑ Door always become very hot during washing at higher temperatures. Keep children away from the appliance while it is in use.

*Exposure can lead to rusting/corrosion.

SPECIAL NOTE

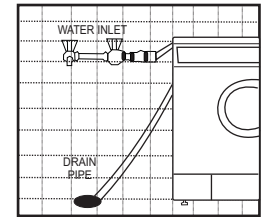
ONLY USE A DETERGENT RECOMMENDED FOR FRONT LOADING WASHING MACHINES. A DETERGENT WHICH FOAMS EXCESSIVELY CAN DAMAGE THE MOTOR AND DETERIORATE THE RINSE QUALITY.

INSTALL MACHINE IN A ROOM WITH ADEQUATE VENTILATION. AVOID A ROOM WITH NO WINDOWS. THE BACK OF THE MACHINE SHOULD BE AT LEAST 4 INCHES (100 mm)AWAY FROM THE WALL.

IF YOU USE A COVER OR TABLE CLOTH ON THE TOP LID, MAKE SURE THAT THE VENTILATION SLOTS AT THE BACK ARE NOT COVERED OR BLOCKED. THIS PRECAUTION WILL PROLONG THE LIFE OF ELECTRICAL AND RUBBER COMPONENTS.

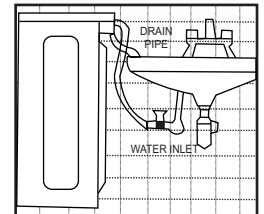
Water Inlet

1. Connect inlet hose to water tap/line.
2. Do not connect machine to a hot water supply.



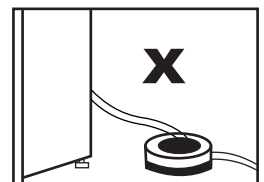
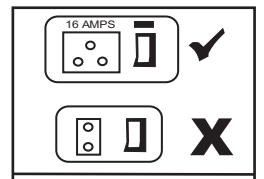
Water Outlet

1. A drain pump is provided in the machine to pump out used water.
2. The end of the outlet should be placed near a drain. If necessary, it can be placed over the edge of a sink at a maximum height of 1 mt. from the floor level.
3. Allow free flow of water from the outlet pipe.



Electrical Connection

- ❑ Check that the electrical line take the required load.
- ❑ Connect to a 230V, 50Hz single phase AC supply. The appliance must be positioned so that the plug is accessible.
- ❑ Machine must be earthed properly before operation. This can be done by using a 3 - pin plug and a properly earthed operated socket of 16 Ampere rating.
- ❑ 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. It should not be stretched when connected to the main socket.



- ❑ Use of extension cord not recommended since it may not be properly earthed.
- ❑ Use ISI marked sockets of reputed make for preventing loose contact of power supply cable.
- ❑ Ensure that there is a firm connection between the 3 PIN PLUG and SOCKET, else it may result in sparking and subsequent failure of 3 pin plug.
- ❑ Ensure that L,N,E is as per the Fig. Shown
- ❑ Washing machine should always be connected to socket with 16 Amps MCB or other automatic short circuit protection devices.

CAUTION :- The producer/Manufacturer declines any responsibility for damage caused by failure to observe this rule. You are therefore advised to check that your household supply has an efficient earth.

SAFETY PRECAUTIONS

- ❑ Ensure that the machine is properly balanced on four adjustable feet.
- ❑ Ensure that the machine is connected to 3 pin socket with good earth and 16 Amp MCB or other automatic short circuit protection devices.
- ❑ The machine is tested with water during assembly for performance checking. Condensed droplets of water may remain inside the drum. It is advisable to run the machine without wash load in cotton 60 program with detergent for the first time after installation.
- ❑ Servicing should be handled by the Company's authorized personnel only.
- ❑ Check label on garments for determining conditions under which fabrics are to be washed.
- ❑ Use detergent recommended for washing machine.
- ❑ Ensure that the electrical line on which the machine is used can take the required load.
- ❑ Check the inside of drum before loading the clothes.
- ❑ Protect the machine from direct sunlight and do not splash water on it. Clean with a damp cloth.
- ❑ Keep your machine dry to avoid corrosion/rusting. Take special care to wipe the machine after cleaning the Coin trap.
- ❑ The machine should ideally be installed on the floor. It can be installed on any suitable platform or trolley, if desired by the customer.
- ❑ Clean the shell lower and detergent tray periodically by taking out the detergent tray.
- ❑ Do not pull the cord to disconnect the plug. Hold the plug itself/do not insert or remove the plug with damp hand.
- ❑ Do not drag the washing machine to its position. Always lift the or move the machine keeping the wheel's direction in mind.
- ❑ Do not move the washing machine if it contains the wash load or when in operation.
- ❑ Do not install the machine in a damp area or bathroom, with exposure to direct shower*.
- ❑ Do not spill water over the machine*. In case of spillage, wipe dry.

MACHINE DOES NOT START.

- ☐ Check position of programme selector knob
- ☐ Check water supply
- ☐ Porthole door not closed properly
- ☐ Indicator lamp not glowing

MACHINE DOES NOT SPIN/ CLOTHES REMAIN WET.

- ☐ Check if the Spin Cancel Button is pressed.
Unblanced load (Divide the load in two halves and spin each load using exclusive spin program with desired spin speed or add smaller articles of laundry to balance the load & repeat the spin cycle.)
- ☐ **Excessive detergent / Foam**
- ☐ **Load is too small.**

MOTOR NOISE

- ☐ It is normal for noises to be heard while motor is running.
- ☐ However wash load, belt tension and motor mounting
- ☐ bolt should be checked for specified limits.

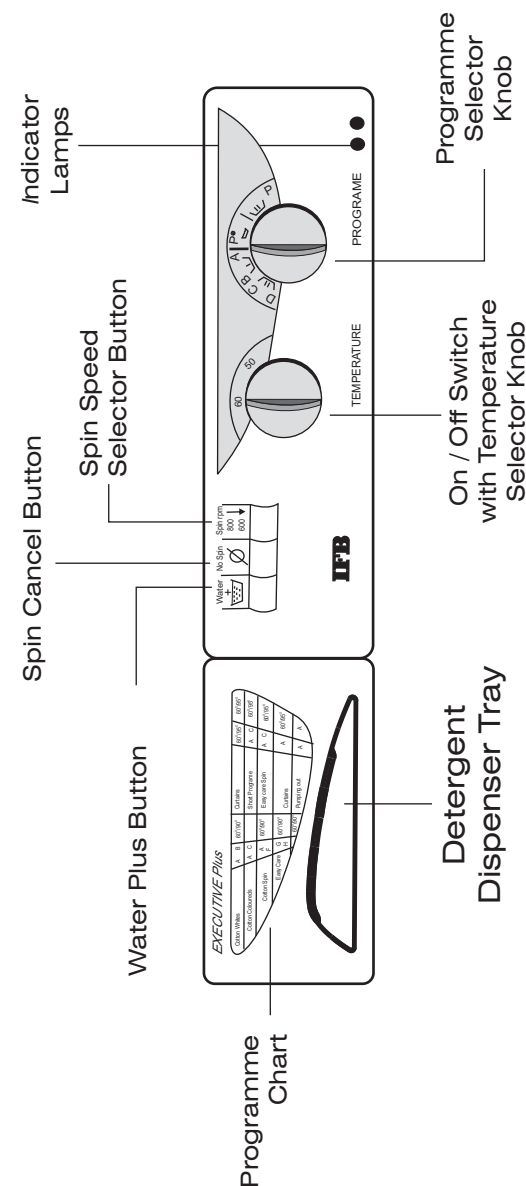
PUMP NOISE

- ☐ It is normal for noises to be heard from the pump during the start-up and final stage of draining. However check for fluff filter clogging.

USING YOUR MACHINE

Control Panel

Let's take a look at the control panel and understand the working of each of its features. Each feature serve a specify purpose in the complete operation of the machine.



Environmental Protection/ Conservation Issues

Your washing machine uses water, energy and detergent efficiently, thereby protecting the environment and reducing your household costs. Using your washing machine in an efficient and environmentally friendly manner:

Do not exceed recommended load.

Cottons 5.0kg

Easy-care 2.5kg

Delicates and Woollens 1.5kg

Avoid using the Prewash program [if applicable] when washing lightly to normally soiled laundry.

Add detergent according to the degree of soiling, amount of laundry and water hardness, and observe the detergent manufacturer's instructions.

Before Using Your Washing Machine For The First Time

Caution

The washing machine must have been installed and connected properly (refer page 7)

Your appliance was tested before leaving the factory. To remove any water left over from testing procedures, the first washing cycle should be carried out without laundry in the machine.

Do not load any laundry.

1. Turn on water tap.
2. Pull out the detergent dispenser up to the end stop.
3. Pour approx. 1 litre of water into chamber II of the detergent dispenser.
4. Pour ½ measuring beaker of detergent into dispenser II. Do not use any special detergents for delicates or woollens (excessive foam).
5. Close the detergent dispenser.
6. Set the programme / Temperature selector to the maximum temperature and start the machine.
7. Turn the programme selector to Off position once program is over / Turn OFF the machine

FAULT DIAGNOSIS

WHY DOES IT HAPPEN?

PILOT LAMP DOES NOT GLOW.

- ☐ Check if the machine is ON.
- ☐ Check for loose connections in plug/socket.
- ☐ Check for blown fuse

WATER DOES NOT ENTER MACHINE/DETERGENT NOT BEING FLUSHED INTO DRUM.

- ☐ Check water supply
- ☐ Porthole door not firmly closed
- ☐ Water tap not turned on
- ☐ Bent inlet hose
- ☐ Sieve on inlet valve clogged

SUDS ESCAPING FROM DETERGENT DISPENSER TRAY. / EXCESSIVE FOAM IN THE DRUM.

- ☐ Detergent used is not washing machine detergent
- ☐ Excessive detergent used
- ☐ Drain Line is blocked

WATER LEAKAGE FROM THE MACHINE.

- ☐ Inlet/Outlet hose connection loose
- ☐ Fluff Filter not screwed on properly
- ☐ Inlet hose leaking

MACHINE DOES NOT DRAIN.

- ☐ Fluff Filter clogged
- ☐ Outlet hose end above 1 mtr. from floor level

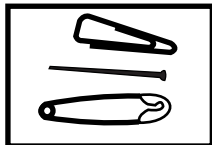
MACHINE VIBRATES STRONGLY DURING SPINNING.

- ☐ Machine not levelled properly
- ☐ Clothes not loaded as instructed
- ☐ Water not drained completely

DRUM

Rust Stains

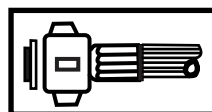
Never leave metal items e.g. paper clips, safety pins etc. in the drum as it creates superficial rust marks in drum. If there are any rust stains remove with a non-chlorine agent. Special non-metal sponges (never use steel wool) may also be used.



SIEVES

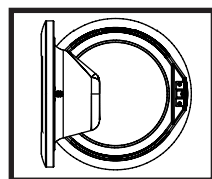
Cleaning of Water Connection Sieves, filter

1. Turn off Taps. Disconnect Power supply to the machine. Unscrew inlet hose from machine as well as from the tap and drain out water from the hose.
2. Pull the sieve out the magnetic valve with a pair of flat nosed pliers and clean under running water with a brush.
3. Fit Sieve back to the valve.
4. Remove the filter mesh from the tap end of the inlet hose and clean under running water with a brush.
5. Fit the filter mesh back to inlet hose.
6. Screw inlet hose back to the machine and the tap. Ensure that both the sieves and Filter are in place.
7. Turn on the tap.



Cleaning of Porthole Door Area:

- ❑ After every wash clean vapour off porthole door.
- ❑ Lift the fold in the rubber gasket under porthole periodically to remove lint and dirt preferably after every wash.



FROST PROTECTION

If the machine is being operated in very cold temperature, all the water should be drained out after use.

- ❑ Remove Fluff Filter
- ❑ Locate the drain hose and drain the water.
- ❑ Disconnect inlet hose from the tap and drain.

DRAINING DURING EMERGENCIES

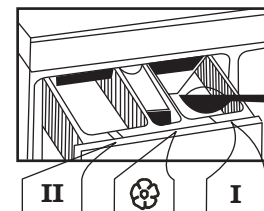
In case of a long power failure during a programme run, the water can be drained from the drum through the drain hose

- ❑ Allow the water in the machine to cool down sufficiently.
- ❑ Locate the drain hose and pull out the drain hose to drain water in a large shallow container.
- ❑ Before restarting machine, ensure that drain plug is fixed on drain hose properly and fluff filter water line is filled with water by running the machine without any clothes or detergents.
- ❑ Spillage of water can rust the base plate. Draining through drain hose prevents rusting.

AUTOMATIC DETERGENT DISPENSER TRAY

Designed for automatic dispensing of detergent & additives as required, which avoids manual filling at each stage.

The Detergent Dispenser Tray should be filled (with detergent and additives) before the start of a programme The tray has three chambers.



1. Pre-wash chamber: (Marked-I), to be filled with detergent in case a pre-wash programme (A or G) has been chosen or heavily soiled clothes are being washed.
2. Main wash chamber: (Marked-II), requires detergent for every wash programme. (B/C/D or H/K or N)
3. Fabric conditioner additives chamber: (Marked III), to be used for additives only. It should be filled as per instructions under 'OPERATION'.

The detergent tray must be pulled out, filled as required and shut before the machine is switched on.

SELECTOR BUTTONS

Water Plus Button

"Water Plus" button provides an option for using

15-25% additional water for

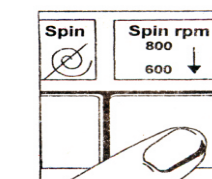
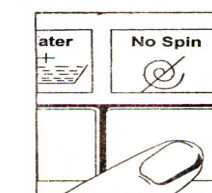
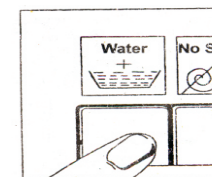
- ❑ Heavy laundry of medium and heavily soiled clothes
- ❑ Light & medium soiled clothes which are not part of daily wash or washed after relatively longer duration of use as in the case of Curtains, Bedsheets, Jeans etc.

Spin Cancel Button (No spin)

- ❑ When this button is pressed, there will be no spin and the programme continues without spinning.

Spin Speed Selector Button

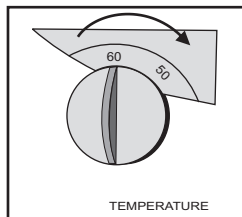
Automatically regulates spin speed.



- ❑ To be pressed for drying easy care fabrics.
- ❑ Clothes spin dry at 600 rpm only when the button is pressed.
- ❑ Spinning takes place initially at 600 r.p.m. then increases to 800 r.p.m. automatically if the button is not pressed. (A - F)
- ❑ Spin speed is 600 r.p.m. only incase of the easy care programme (GtoL), irrespective of the button position.
- ❑ Spin drying option is not available in the wool programme.

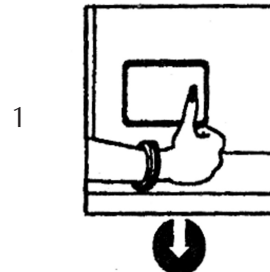
ON/OFF SWITCH & TEMPERATURE SELECTOR KNOB

- ❑ To switch ON the machine and offer a choice of temperature settings to suit the kind of fabric being washed.
- ❑ To be turned clockwise from position 'O' to position 'I' to switch ON the machine.
- ❑ A gentle 'click' and a glowing indicator lamp indicates the machine is ON.
- ❑ Temperature to be set only if a hot wash is required, otherwise there will be a cold wash in position 'I'.
- ❑ Temperatures can be selected between ambient to 90°C depending on fabric type.
- ❑ KNOB TO BE TURNED IN CLOCKWISE DIRECTION TO SWITCH ON MACHINE AND ANTI-CLOCKWISE TO SWITCH OFF MACHINE.
- ❑ KNOB SHOULD NOT BE TURNED BEYOND 90°C IN THE CLOCKWISE DIRECTION.

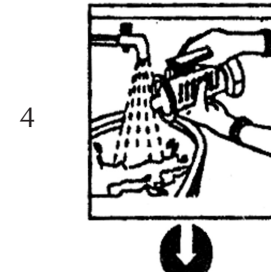


MAINTENANCE

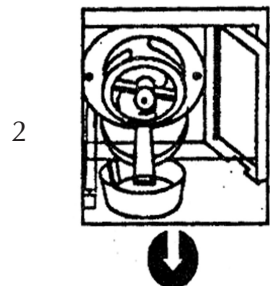
FLUFF FILTER



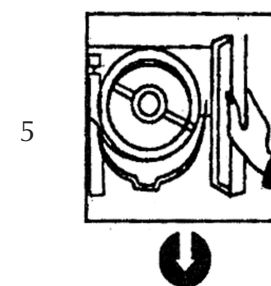
1 Open door flap by pressing on the right hand edge and pull out the plastic tray.



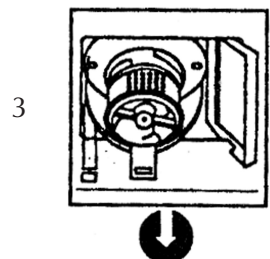
4 Clean filter under running water



2 Place shallow container under the tray to collect water that comes out.



5 Replace filter and screw on tightly to avoid leakage of water



3 Turn Fluff Filter cover anti-clockwise drain water into container and take out filter

ENSURE THAT THE FLUFF FILTER IS NOT BLOCKED, CLEAN WEEKLY OR AS OFTEN AS REQUIRED.

BEFORE USING MACHINE AGAIN RUN THE MACHINE WITHOUT CLOTHES AND DETERGENT BY SELECTING ANY SHORT WASH PROGRAMME. THIS WILL ENSURE THAT THE FLUFF FILTER LINE GETS FILLED WITH WATER. ALTERNATIVELY POUR TWO MUGS OF WATER (APPROX. 1.5 LTRS.) DIRECTLY INTO THE DRUM. DO NOT OPEN THE FLUFF FILTER DURING A PROGRAMME RUN.

PROGRAMME RUN

Note:

- ☐ During the programme run the knob turns automatically in the clockwise direction only.
- ☐ Washing, rinsing and spinning can be seen through the porthole window.
- ☐ At any moment the position of the knob with respect to its start position shows how far the programme has advanced.
- ☐ The starting point is just beyond the thick line on the knob.

SWITCHING OFF THE MACHINE

- ☐ The wash ends automatically at the end of each programme at the thick line on the knob.
- ☐ To switch the machine OFF turn the ON / OFF switch to 'O' position
- ☐ The indicator lamp goes off.
- ☐ Porthole door can be opened only after 90 seconds
- ☐ Remove clothes from inside the machine
- ☐ Leave door slightly ajar to dry out the inside of the machine

CHECK POINTS

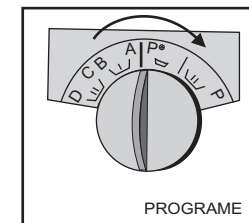
Before switching your machine 'ON' check...

- ☐ The machine is connected to a 220V, 50 Hz supply with proper earthing.
- ☐ The water inlet stopcock is fully open.
- ☐ The hoses are not bent or twisted.
- ☐ Dry clothes are loaded into the machine drum, and door is closed firmly with a click.
- ☐ The required amount of detergent and fabric conditioner is filled in their respective compartments.
- ☐ The Water Plus Button is pressed, if required.
- ☐ The spin speed selector button is pressed if 600 r.p.m. spin is required.
- ☐ The programme Selector knob is turned to the appropriate programme position in a **clockwise direction only**.
- ☐ The Fluff Filter/drain hose is not open.

PROGRAMME SELECTOR KNOB

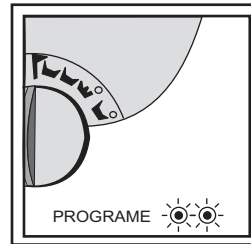
To select the right programme as per the fabric being washed and extent of soilage.

- ☐ A choice of 18 programmes is available to wash different kinds/loads of clothes.
- ☐ Programme selection should be done before the machine is switched ON.
- ☐ Only one programme can be selected at a time.
- ☐ Only the starting point in a programme needs to be selected, thereafter the machine runs through the cycles automatically.
- ☐ If for any reason you wish to change the programme after the wash process has begun - just switch OFF the machine - set the desired programme and re-start.
- ☐ KNOB SHOULD BE TURNED ONLY IN CLOCKWISE DIRECTION.



INDICATOR LAMP

- ☐ Red lamp glows when the machine is switched ON and switches OFF when machine is switched OFF.
- ☐ Green lamp glows to indicate the start of the wash programme and is switched OFF at the end of the wash programme.



KINDS OF WASH PROGRAMMES

There are 18 fully automatic programmes to suit different applications. To select a programme, you must understand the three basic groups of wash program

1. Normal Wash comprises of programmes from A to F.
 - ☐ The washing action is vigorous, to help clean clothes better.
 - ☐ To be used for whites and coloureds of cotton or predominantly of cotton in case of mixed load.
 - ☐ Not to be used for woollens and delicate fabrics.
2. Easy Care comprises of programmes from G to L.
 - ☐ The washing action is gentle and for a shorter duration.
 - ☐ To be used for easy care fabrics like polyester blends or predominantly having such fabric in mixed load.
3. Wool Programme from N to P.
 - ☐ For woollen and soft fabrics only.
 - ☐ This programme has a built-in delicate wash function.
 - ☐ Spin drying does not take place in this programme.

PROGRAMME SELECTION



Symbols of the programme selector

- Pre-Wash
- Main Wash
- Rinsing
- Spinning

IRONING

The number of dots indicate the maximum recommended temperature

- Max 200° C,
- Max 150° C,
- Max 110° C,
- Non - iron

DRY CLEANING

A circle symbolizes dry cleaning.

- articles normal for dry cleaning in all solvents.
- articles normal for dry cleaning in perchloroethylene, white spirit, Solvent 113 and Solvent 11
- article normal for dry cleaning in fluorocarbon 113 or white spirit.
- do not dry clean.

BLEACHING

A triangle symbolizes bleaching

- bleaching
- do not bleach

DRYING

A rectangle symbolizes drying

- suitable for tumble-drying
- do not tumble-dry

WOOL

Garments labelled as “ Machine Washable” can be washed in ‘wool’ wash cycle at a temperature of 40° C



TREATMENT OF STAINS

- ❑ Stains need to be treated immediately when they are fresh. Usually stains are categorised as absorbed stains, built-up stains, and compound stains.
- ❑ Absorbed stains can be removed by rubbing gently a pad containing a suitable solvent over the stain from outer edge towards centre by keeping stained cloth on absorbent fabric.
- ❑ Built up and compound stains may be removed by first carefully brushing off stained area. Then rub gently with a pad containing solvent from the back of fabric.
- ❑ It is advisable to try out the solvent on hidden part of the garment to verify its effect on cloth.

WASH LOAD GUIDE

Sheets Cotton	(D) (S)	1kg 500gms	Pajama/Kurta Shirts Cotton Others	400gms 280gms 200gms	Bedspread Blankets Wool acrylic	3kg 2.0kg 1.5kg
Other than Cotton	(D) (S)	650gms 400gms	Blouses: cotton others Sarees: Cotton Synthetics Panties Socks: long(2pairs) short(2pairs)	140gms 100gms 650gms 350gms 60gms 150gms 85gms	Sweaters(Wool) other heavy weight light weight Cotton vests Underslips Skirts Trousers jeans	400gms 300gms 150gms 100gms 100gms 200gms 250gms 400gms
Pillow slips: Cotton others		110gms 85gms				
Bath towels Hand Towels		600gms 260gms				
Tablecloths: small large		230gms 600gms				
Table Napkins(4)		150gms	Hankies (6) Napkins(1doz) Lungi/Dhoti	85gms 200gms	1.1kgs	

D = Double

S = Single

- ❑ The chart indicates the average weight of clothes.
- ❑ The recommended weight of your wash should not be exceeded to ensure that your machine gives your clothes an effective wash.

INTERNATIONAL WASHING SYMBOLS

**Washing
Symbol**



**Wash Temp
Max° C**

95, 60, 40

30

Do not machine - wash

Do not wash in water

Action

normal

gentle

Handwash

1. Normal Wash Programmes A To F

STAGE 1 : Pre-Wash - A √

- ❑ Clothes are soaked, tumbled in hot water with detergent to remove dirt and dirty water is pumped out.

- ❑ IN CASE CLOTHES ARE NOT HEAVILY SOILED, THE “PRE-WASH” CAN BE AVOIDED BY SETTING THE PROGRAMME SELECTOR KNOB TO ANY OF THE MAIN WASH PROGRAMMES.

STAGE II: Main Wash - B/C/D √

- ❑ Clothes are soaked, tumbled in hot water with detergent for longer duration than prewash to remove dirt. During draining dirty water it is cooled down by adding cold water. Clothes are tumbled to expose more surface, squeezed by spinning to remove dirt inside the fabric.

- ❑ IF CLOTHES ARE NOT VERY DIRTY, THE MAIN WASH CAN BE STARTED BY DIRECTLY SETTING THE PROGRAMME SELECTOR KNOB AT POINTS C OR D TO REDUCE WASHING TIME.

STAGE III: Rinse

- ❑ After washing, the rinsing is done three times to remove traces of detergent and dirt from clothes.
For improving efficiency of rinsing two intermittent short spins at lower rpm are provided.

STAGE IV: Spin Drying - F

- ❑ Spin drying takes place at 600 rpm and then goes to 800 rpm.
- ❑ If spin cancel button is pressed, there will be no spin
- ❑ If spin speed selector button is pressed, spinning takes place at 600 rpm

2. Easy Care Programme G to L

STAGE I : Pre - Wash : G

- ❑ Clothes are soaked, tumbled in more quantity of hot water with detergent to remove dirt and dirty water is pumped out.

- ❑ IN CASE CLOTHES ARE NOT HEAVILY SOILED, THE “PRE-WASH” CAN BE AVOIDED BY SETTING THE PROGRAMME SELECTOR KNOB TO ANY OF THE MAIN WASH PROGRAMMES.

STAGE II : Main Wash - H / K

- ❑ Clothes are soaked, tumbled in hot water with detergent for lesser duration than main wash of Normal Wash programme. During draining of dirty water, it is cooled down by adding cold water. Clothes are tumbled to expose more surface, squeezed by spinning to remove dirt inside the fabric.

STAGE III : Rinse

- ❑ After washing three times rinsing is done to remove traces of detergent and dirt from clothes.
- ❑ For improving efficiency of rinsing intermittent short spin is provided.

STAGE IV : Spin Drying : L

- ❑ Spin drying takes place at 600 rpm for shorter duration.
- ❑ If spin cancel button is pressed, there will be no spin.

3. Wool Programme : N to P

STAGE I: Main Wash

- ❑ The clothes are soaked, gently tumbled with detergent in warm water, for lesser duration to get delicate wash. The dirty water is pumped out.


STAGE II: Rinse

- ❑ After washing, rinsing is done three times to remove traces of detergent and dirt from the clothes.
- ❑ Programme stops after draining of water after last rinse. Spin drying does not take place.

DETERGENT TO BE USED AND QUANTITY

- ❑ The best washing results will be achieved by using the correct dosage of detergent.
- ❑ Use the detergent as per the instructions on the detergent packaging, However the dosage need to be adjusted during usage to avoid effects of inadequate/excess detergent as mentioned below.
- ❑ Use liquid detergent dispenser tray (Optional) while using liquid detergent. It is not to be used for powder detergent.
- ❑ Pour the liquid detergent into the detergent dispenser tray and place the tray in the main wash chamber (Marked - II) of the detergent dispenser tray before the start of the program.
- ❑ The quantity of detergent will depend on
 - a. Quantity of clothes being washed
 - b. Degree of soilage of clothes
 - c. Water hardness
- ❑ Hard water and heavily soiled clothes require more, while less soiled clothes requires less than recommended quantity of detergents.
- ❑ Do not use dry cleaning agents.
- ❑ Frequent use of insufficient detergent will be noticeable as follows:
 - a. Washing appears grey or not properly clean
 - b. Grey/brown stains appear on the clothes
- ❑ Excess use of detergent will result in
 - a. Higher environmental pollution
 - b. Generation of too much foam
 - c. Building up of scales
 - d. Poor rinse quality
 - e. Less drying efficiency
 - f. Reduction in life of the Components.

FABRIC CONDITIONER

- ❑ Fill in the middle chamber of detergent dispenser tray marked 
- ❑ Conditioner should be in liquid/solution form only (powders to be mixed in water.)
- ❑ Fabric softner gives a soft feel and smooth surface to fabrics.
- ❑ Enzymes help to remove stains of sweat, blood etc.
- ❑ Enzymes , Bleaches and whiteness should not be used on wool.
- ❑ Whitener gives 'Whiteness to Whites clothes brightness to coloured clothes.
- ❑ Chlorine bleach is used for white clothes and oxygen bleach is used for coloured clothes.
- ❑ A strong bleaching agent is not recommended for direct use in the washing machine.
- ❑ Extremely dirty areas in clothes can be preteated with bleach and then be loaded in the machine for a regular wash.

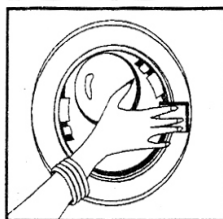
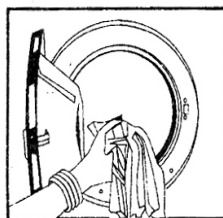
OPERATION

Sorting Of Garments

- ☐ Machine to be used for machine washable fabrics only (Look for wash symbols given on your garments.)
- ☐ Wash woollens separately only if label on garments permits it.
- ☐ Non-fast coloured should be washed with like colours only .
- ☐ Wash whites separately from colours.
- ☐ Non-fast coloured to be washed at temperature recommended by manufacturer.
- ☐ Check the pockets for any loose articles like coins, keys, keychains etc. Remove these articles as these can damage the drum/tub.
- ☐ Do not mix clothes that give lint with clothes that attract lint (e.g lint givers-woollens, socks, coarse cotton fabrics etc. Lint takers- synthetic fibres and corduroys).

LOADING THE MACHINE

- ☐ Open the front porthole door, place garments loosely inside drum. For best results load garments one by one ,preferably mix of large and small clothes
- ☐ Turn knitted garments inside out, Remove loose hooks, rings and pins found on curtains etc. Or Tie a knot around them with the garment itself.
- ☐ **Close door and press till you hear a 'click'. Ensure that no cloth is jammed between door and rubber gasket of frame.**
- ☐ For large garments like bed covers and curtains etc. open out the garments and hold from the centre to load.
- ☐ Ensure that volume of load allows the clothes to tumble freely in the drum for best wash results.
- ☐ Over loading the drum will affect wash quality. It can also damage the machine and clothes in the long run.
- ☐ Running the machine under loaded may cause excessive vibration, noise and damage.



Exclusive spin drying programmes : F and L

- ☐ Can be used for spin drying hand washed / wet clothes.
- ☐ Turn programme selector knob directly to any of the spin drying points (i.e. just beyond F or L) after loading the clothes.
- ☐ Switch ON the machine.

Cool down cycle.

Hot water drained after Main wash cycle can be harmful for people and environment. Hot water is cooled down by taking additional cold water automatically, which also reduces concentration of detergent, thus ensures better rinse quality and eco friendly environment.

Note.

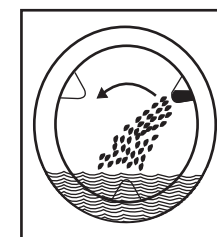
If the load or machine is very much unbalanced the machine in the process of balancing / distributing the load may suddenly stop during spinning or may spin at very low RPM in order to take care of vibration which may occur under such circumstances.

IN CASE ELECTRICITY / WATER SUPPLY GOES OFF, THE MACHINE STOPS AND STARTS AGAIN FROM THE SAME POINT, AUTOMATICALLY ,ON RESUMPTION OF ELECTRICITY / WATER SUPPLY.

TO DRAIN WATER AT ANY STAGE, PROGRAMME "PUMPING OUT" CAN BE USED BY SETTING THE PROGRAMME SELECTOR KNOB AT 'P'.

A Unique shower system

Scoops on the inner drum pick up water and shower through perforated fins on the laundry as the drum rotate. This ensures a thorough soaking of the laundry, What's more, the process requires less water and thus less energy to heat it.



PROGRAMME SELECTION CHART

- To select the right programme for your wash, a tabulated programme Chart is given on the Detergent Dispenser Drawer to indicate fabric type and wash temperature.
- Additionally, you can refer the detailed programme Chart given below showing 18 fully automatic wash programme available with respect to fabric type, degree of soilage, wash cycle, wash temperature and wash loads.

CAPACITY	PROGRAMME	PROGRAMME SELECTION BUTTON		DETERGENT IN TRAY		ADDITIONAL BUTTONS			TEMP SELECT MAX ⁰ C	TYPE OF WASHING (Please note wash care labels on garments)	COMPLETE CYCLE TIME (MINUTES)	MIN. WATER CONSUMPTION IN LITRES Without Water Plus
		WITH PRE WASH	WITHOUT PRE WASH	I	II	WATER PLUS BUTTON	SPIN CANCEL BUTTON	SPIN SPEED SELECTOR				
COTTON 5 kg Max.	1. Whites	A.		I	II	●	●	●	90	very soiled cotton or boil-proof linen	95	55
	2. Whites		B		II	●	●	●	90	Normally soiled cotton or boil-proof linen	85	45
	3. Whites	A		I	II	●	●	●	60	Very soiled, nonboil-proof baby washing	95	55
	4. Baby Washing		B		II	●	●	●	60	Normally soiled, nonboil-proof baby washing	85	45
	5. Coloureds	A		I	II	●	●	●	60	Very soiled cotton linen or blended linen	95	55
	6. Coloureds		C		II	●	●	●	60	Cotton fabrics or linen which are colour fast, non boil-proof (2.5 Kg. Max.)	65	45
	7. Fine Washing		D		II	●	●	●	30-40	Delicate cotton (2.5 Kg. Max.)	45	45
	8. Cotton Spin		F		II			●	-	Spinning for cottons	10-12.5	NIL

CAPACITY	PROGRAMME	PROGRAMME SELECTION BUTTON		DETERGENT IN TRAY		ADDITIONAL BUTTONS			TEMP SELECT MAX ⁰ C	TYPE OF WASHING (Please note wash care labels on garments)	COMPLETE CYCLE TIME (MINUTES)	MIN. WATER CONSUMPTION IN LITRES Without Water Plus
		WITH PRE WASH	WITHOUT PRE WASH	I	II	WATER PLUS BUTTON	SPIN CANCEL BUTTON	SPIN SPEED SELECTOR				
EASY CARE 2.5 kg Max.	9. Easy Care	G		I	II	●	●		30-50	Easy care fabrics of cotton, polyester or polyester blends, very soiled	70	55
	10. Easy Care		H		II	●	●		30-50	Above washing normally soiled	60	45
	11. Easy Care		K		II	●	●		30-40	Easy care fabrics like nylon or polyester blends	40	45
	12. Curtains				II	+	+		30-40	Turkish towels (2 Kg. Max.)		
	13. Curtains	G		I	II	+	+		30-40	Synthetic Curtains heavily soiled	70	85**
	14. Short Programme		K		II	+	+		30-40	Above washing normally soiled	60	70**
					II	+	+		30-40	Slightly soiled washing (once used towels, synthetic garments, nighties, etc.) (2 Kg. Max.)	40	75**
	15. Spin Easy Care		L						-	Pumping out of water and shorts spinning of delicate washing woollens, curtains	5-7.5	NIL
WOOLEN 1.5 kg Max.	16. Wool		N		II				30-40	Woolens which have wool labels and are marked machine washable, very soft clothes	30	70
	17. Additives								-	Please see instructions	5	17
	18. Pumping out		P						-	Pumping out used water	2.5	NIL

- Button to be pressed if required

✱ Button not to be pressed in.

✱✱ Button must be pressed in.

✱✱ Water consumption with 'Water Plus'

The above values are under standard test conditions

NOTE:

Cycle time does not include water filling time.

Water consumption excludes the quantity of water taken during cool down cycle.