Laundry guidelines STEP 1 Sort

Sort the laundry according to these criteria • Care Label: Sort the laundry into cottons, mixed fibres, synthetic

silks, wools, and rayon colour: Separate whites from colours. Size: Mixing different sized items together in the drum improve:

the washing performance. Sensitivity: Wash delicate items separately using an Easy Iron

option for pure, new woollen items, curtains, and silk items. Check the labels on the items.

NOTE Make sure to check the care label on the clothing, and sort them accordingly before starting the wash.

he pump, and other compone

If both the washing machine a

tructed air opening. You

ot require a specific air openin

Alcove installation

STEP 3 Use a laundry net

STEP 2 Empty pockets Empty all the pockets of your laundry items

Metal objects such as coins, pins, and buckles on clothing may

Turn clothing with buttons and embroideries inside out

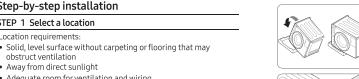
 If trousers or jacket zippers are open while washing, the drum may be damaged. Zippers should be closed and fixed with a string. · Clothing with long strings may become entangled with othe clothes. Make sure to tie the strings before starting the wash

Metal parts of the brassieres may break through and tear other

 Small, light clothing such as socks, gloves, stockings, and handkerchiefs may become caught around the door. Place them inside a fine laundry net. Contents

Safety information What you need to know about the safety instructions Important safety symbols Important safety precautions Critical installation warnings Installation cautions Critical usage warnings Usage cautions Critical cleaning warnings Instructions about the WEEE Installation What's included Installation requirements Step-by-step installation Before you start Initial setup Laundry guidelines Detergent drawer quidelines Operations Control panel Operating a cycle Cycle overview Settings Special features SmartThings Open Source Announcement Maintenance Drum Clean+/Drum Clean Emergency drain Cleaning Defrosting your washing machine Care against an extended time of disuse Troubleshooting





 Adequate room for ventilation and wiring The ambient temperature is always higher than the freezing

NOTE

machine, consider stability before anything else. Install your washing machine on a solid and level floor.

 Do not install your washing machine on soft floors or floor coverings • If you install your washing machine on a wood floor, install a waterresistance wooden panel (min 1.18 in / 30 mm thick) to the floor Also, we recommend installing your washing machine on the

STEP 2 Installation procedure for the Rat shutter assembly with he washing machine prevent rats from entering inside the washing machine and to

Check Point: Do not remove the shipping bolt.

Before you start

• Do not wash the laundry net by itself without other laundry. This machine and result in injury. STEP 4 Prewash (if necessary)

elect the Prewash option for the selected cycle if the laundry is eavily soiled. Do not use the Prewash option when detergent is nanually added into the drum.

STEP 5 Determine the load capacity ot overload the washing machine. Overloading may cause th ashing machine to not wash properly. For the load capacity for the

NOTE

hen washing bedding or bedding covers, the wash time may be engthened or the spin efficiency may be reduced. For bedding or ding covers, the recommended maximum spin cycle speed is 800 rpm, and the load capacity is 2.0 kg or less.

↑ CAUTION

ype of clothing, see page 44 - 47.

 Do not slam the door. Close the door gently. Otherwise, the door may not be closed properly. **△ CAUTION**



Make sure the laundry is fully inserted in the drum and not caught in the door.

Installation 2. Tilt the washing machine onto the

tilt the washing machine on its left

or right side and ensure there is no

position (Front mark to be front side

areas. Then, tilt the washing machine

a. Use the screws from the Accessories kit.

upright, Check Point:

b. Firmly screw in the 6 screws.

remove the shipping bolt.

remove all shipping bolts

(Loose screws will cause noises

c. Ensure the proper fitment. Before

machine on its front or back.

3. Fix the Rat shutter in the prope

Checkpoints

Information codes

Specifications

Fabric care chart

Specification sheet

Protecting the environment

· Away from direct sunlight

· Away from a heat source

corner of the wood floor.

1. Remove the packing box. Then washing machine.

NOTE ay differ depending on the model. **⚠ WARNING** • Packaging materials can be dangerous to children. Dispose all

packaging material (plastic bags, polystyrene, etc.) out of

STEP 3 Remove the shipping bolts

Unnack the product packa

STEP 6 Apply a proper detergent type The type of detergent depends on the type of fabric (cotton, synthetielicate items, wool), colour, wash temperature, and degree of soiling lake sure to use the laundry detergent that is designed for automati

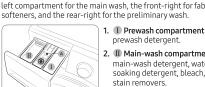
NOTE

 Follow the detergent m the weight of the laundry, the degree of soiling, and the hardness of the water in your local area. If you are not sure about the water hardness, contact a local water authority. • Do not use detergent that tends to be hardened or solidified. This

detergent may remain after the rinse cycle, blocking the drain outlet. **↑** CAUTION

When washing wool using the Wool cycle, Wool/Delicates cycle use a detergent dedicated to wool items. If used with the Wool cycle, powder detergent may remain on the laundry and discolour the laundry. Laundry capsules To get the best results from using laundry capsules, please follow these instructions.

1. Put the capsule in the bottom of the empty drum towards the rear.



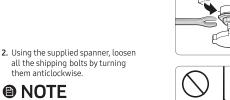
soaking detergent, bleach, and/or 3. Softener compartment: App not exceed the max line (A) NOTE

juide may differ with the model. **CAUTION** Do not open the detergent drawer while the washing machine

• To avoid injury, cover the holes with bolt caps after removing the shipping bolts in place. Assemble the shipping bolts before moving he washing machine to another location. Keep the shipping bolt in a safe place for future use.

future use.

with circle in the figure) on the rear side of the washing machine.



3. Insert the bolt caps (B) to the holes

CAUTION Make sure all the levelling feet are seating on the floor surface to avoid the washing machine from moving or generating noise due to vibration. Then, check if the washing machine is rocking. If the

water before being applied.

When Delay End is selected, do not apply detergent directly into

Be careful not to spill fabric softener on the worktop or the control

detergent drawer when Delay End is selected.

To apply washing agents to the manual dispenser

washing machine is not rocking, tighten the nuts.

2. Put the laundry in the drum on top of Do not use the following types of detergent in the drawer Tablet or capsule types Ball or net types To prevent the compartment from clogging, concentrated or highly nriched agents (fabric softener or detergent) must be diluted with

CAUTION For cycles using cold water or cycles that complete in less than one ur, the capsule may not dissolve completely. Detergent drawer guidelines

Before you start

e washing machine provides a three-compartment dispenser: the eft compartment for the main wash, the front-right for fabric 1. I Prewash compartment: Apply 2. III Main-wash compartment: Apply

main-wash detergent, water softener

exceed the max line (A). Softener is dispensed into the wash during the final rinse.

Slide open the detergent drawer

main-wash compartment as

manufacturer. To use liquid

3. Apply fabric softener to the 🛞

softener compartment. Do not

2. Apply laundry detergent to the III

detergent, see page 36. Do not

instructed or recommended by the

exceed the max line (A) when adding

Read the instructions After reading this manual, store it in a safe place for future reference Read all instructions before using the appliance.

Important safety precautions

our appliance. Please take some time to read this manual to take full advantage of your washing machine's many benefits and features What you need to know about the safety instructions

Safety information

Please read this manual thoroughly to ensure that you know how to

safely and efficiently operate the extensive features and functions

of your new appliance. Please store the manual in a safe location

for its intended purpose as described in this instruction manual.

maintaining and operating your washing machine.

Important safety symbols

Hazards or unsafe practices that may result in

personal injury and/or property damage.

Safety information

the laundry does not get caught in the door.

properly tightened.

t may result in a water leak.

from such misuse.

etc.) on the appliance.

appliance, or injury.

Installation

STEP 4 Adjust the levelling feet

www.samsung.com

⚠WARNING

A CAUTION

Narnings and Important Safety Instructions in this manual do not

cover all possible conditions and situations that may occur. It is your

esponsibility to use common sense, caution and care when installing

the characteristics of your washing machine may differ slightly from

those described in this manual and not all warning signs may be

applicable. If you have any questions or concerns, contact your

nearest service centre or find help and information online at

What the icons and signs in this user manual mear

severe personal injury, death and/or property damage

The air pressure in the water supply hose or the water nine ma

If a draining error occurs during an operation, check if there is a

If the washing machine is used when it is flooded because of a

Insert the laundry into the washing machine completely so that

If laundry gets caught in the door, it may result in damage to the

nundry or the washing machine, or result in a water leak.

Turn the water supply off when the washing machine is not being used

Ensure that the screws on the water supply hose connector are

contaminated by a foreign substance (e.g. waste, thread, hair, etc.).

pen the water tap and check if the water supply hose connector is

he appliance you have purchased is designed for domestic use only.

Using the appliance for business purposes qualifies as an appliance

use. In this case, the appliance will not be covered by the

standard warranty provided by Samsung and no responsibility car

Do not stand on the appliance or place objects (such as laundry

• This may result in electric shock, fire, problems with the

e attributed to Samsung for malfunctions or damages resulting

hted candles, lighted cigarettes, dishes, chemicals, metal objects

1. Gently slide the washing machine into

manually adjusting the levelling feet

3. When levelling is complete, tighten

the nuts using the spanne

the levelling feet.

on. Excessive force may damage

rmly tightened and that there is no water leak before using th

If the screws on the water supply hose connector are loose

Ensure that the rubber seal and front door glass are not

• If a foreign substance is caught in the door or the door is

not completely closed, it may cause a water leak.

draining problem, it may result in electric shock or fire.

dicates that a risk of personal injury or material damage exists. These warning signs are here to prevent injury to yourself and others. Please follow them explicitly. As with any equipment that uses electricity and moving parts potential hazards exist. To safely operate this appliance, familiarize urself with its operation and exercise care when using it

To reduce the risk of fire, electric shock, or injury to persons when using your appliance, follow basic precautions, including the 1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilit or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance

by a person responsible for their safety. 2. For use in Europe: This appliance can be used by children age from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instructio concerning use of the appliance in a safe way and understan Cleaning and user maintenance shall not be made by children 3. Children should be supervised to ensure that they do not play

with the appliance.

Do not spray volatile material such as insecticide onto the surface As well as being harmful to humans, this may result in electri shock, fire or problems with the appliance. Do not place objects that generate electromagnetic fields near the

• This may result in injury due to a malfunction. Water drained during a high-temperature wash or drying cycle is This may result in burns or injury.

Draining time may vary depending on the water temperature ne water temperature is too high, the draining process starts after the water cools down. unless your appliance has a special cycle for washing these items

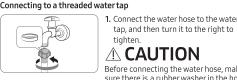
ags, diaper covers, sweat suits, and bicycle, motor cycle and car Do not wash thick or hard mats even if the washing machine to the washing machine, walls, floor, or clothing due to

(*): Woollen bedding, rain covers, fishing vests, ski pants, sleeping

Do not wash throw rugs or doormats with rubber backing The rubber backing may come off and stick to inside the drum and this may result in malfunction such as a drainage error. Oo not operate the washing machine when the detergent drawer

This may result in electric shock or injury due to a water leak. Oo not touch the insides of the drum during or just afterdrying as

he door glass becomes hot during washing and drying. Therefore, do not touch the door glass.



If there is a water leak, stop operating the washing machine and

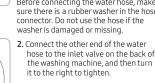
service centre in case of a leak from the water hose, or contact a

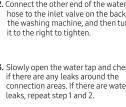
WARNING

this may cause electric shock.

Before you start

CAUTION





4. If you want to prewash, apply prewadetergent to the ① prewash

compartment as instructed of

Close the detergent drawer.

below the marked max line (A).

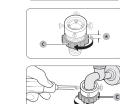
NOTE

liquid detergent.

release lever (A).

Remove the liquid detergent guide when you use powder detergen

2. Use a Phillips screwdriver to looser



Safety information

witched on and off by the utility.

ot intended to be used such as:

and that old hose-sets should not be reused.

bed and breakfast type environments

a carpet must not obstruct the openings;

Safety information

o not insert your hand into the detergent draw

This may result in injury as your hand may be caught by

Remove the liquid detergent guide (applicable models only)

Do not place any objects (such as shoes, food waste, animals)

This may result in damage to the washing machine, or injury

and death in the case of pets due to the abnormal vibrations

Do not wash laundry contaminated by oils, creams or lotions usually

This may cause the rubber seal to become deformed and result

Do not leave metal objects such as safety pins, hair pins or bleach

a (neutral) cleansing agent to the surface and use a sponge to clean it. Never use a metal brush.

• If rust starts appearing on the surface of the drum, apply

o not use dry cleaning detergent directly and do not wash

rinse, or spin laundry contaminated by dry cleaning detergent

Do not use natural hand-washing soap for the washing machine

e water hose by force. If the hose is too short, replace

water hose (B).

1. Remove the adaptor (A) from the

four screws on the adaptor.

due to the heat from the oxidation of the oil.

Do not use water from water cooling/heating devices.

This may result in problems with the washing machine

not press the buttons using sharp objects such as pins, knifes,

nan laundry into the washing machine

This may result in electric shock or injury.

und in skincare shops or massage clinics.

. This may cause the drum to rust

• If not, water may leak through the front of the detergent drawer

This may result in burns.

ingernails, etc.

in a water leak.

Installation

the hose with a longer, high-pressure hose

Connecting to a non-threaded water tap

the detergent input device.

when using powdered detergent.

areas for communal use in blocks of flats or in

8. For appliances with ventilation openings in the base, tha

9. For use in Europe: Children of less than 3 years should be

1. If the supply cord is damaged, it must be replaced by the

5. **CAUTION:** In order to avoid a hazard due to

manufacturer, its service agent or similarly qualified persons

inadvertent resetting of the thermal cut-out, this appliance

such as a timer, or connected to a circuit that is regularly

5. The new hose-sets supplied with the appliance are to be use

his appliance is intended to be used in household only and

staff kitchen areas in shops, offices and other working

by clients in hotels, motels and other residential type

not be supplied through an external switching device

in the arrow direction to loosen it b

and then tighten the screws while 5 Turn part (C) in the arrow direction to

Operations

NOTE ne cycle and function names that appeared in this manual may diffe from your product Control panel WW90DG6*****

minutes after the washing machine is turned

he washing machine automatically turns off

the washing machine automatically turns of

△ CAUTION Do not apply powder detergent to the 88 8 1888 a Concentrated fabric softener must be diluted with water before applied. 05 06 07 08 09 • Do not apply main-wash detergent to the **Softener compartment** To use liquid detergent (applicable models only) First insert the provided liquid deterger Tap to turn the washing machine on or off. guide in the III main-wash compartmen If you do not manipulate the control panel for Then, apply liquid detergent to the guide

> **CAUTION** Do not exceed the max line (A) in the liquid detergent guide when you apply he wash cycle is in progress. Tap and hold 🕍 to Insert the liquid detergent guide onl pause the cycle first, and then tap () to turn the after you remove the detergent drawer · After a wash, some liquid detergent rough cycles and functions. When you turn the may remain in the detergent drawer cycle.option, and setting).

The installation of this appliance must be performed by a qualified

 $oldsymbol{ol}}}}}}}}}}}}}}}}}$

Critical installation warnings

· Failure to do so may result in electric shock, fire, an explosion, problems with the appliance, or injury. ne appliance is heavy, therefore take care when lifting it. ctrical specifications. Use the socket for this appliance only, and

 Sharing a wall socket with other appliances using a power strir or extending the power cord may result in electric shock or fire • Ensure that the power voltage, frequency, and current are the same as those of the product specifications. Failure to do so may

Remove all foreign substances such as dust or water from the powe plug terminals and contact points using a dry cloth on a regular basis

• Unplug the power plug and clean it with a dry cloth. Failure to do so may result in electric shock or fire. Plug the power plug into the wall socket so that the cord is running . If you plug the power plug into the socket in the opposi-

direction, the electric wires within the cable may be damaged ind this may result in electric shock or fire Keep all packaging materials out of the reach of children as these may be dangerous. • If a child places a bag over its head, it may suffocate.

When the appliance, power plug or power cord is damaged, contact $\,$ your nearest service centre. This appliance must be properly grounded

Also, do not allow children to play around the washing machine or If it hardens and accumulates inside the washing machine, it or bad odours. Place socks and brassieres in a washing net and wash them with

> Do not wash large laundry items such as bedding in the washing ne · Failure to do so may result in injury due to abnormal vibrations Do not use hardened detergent. . If it accumulates inside the washing machine, it may result in a water leak.

ke sure that the pockets of all the clothing items to be washed

 Hard, sharp objects such as coins, safety pins, nails, screws, or stones can cause extensive damage to the appliance. Do not wash clothing with large buckles, buttons or other heavy Sort the laundry by colour on the basis of its colorfastness and

ect the recommended cycle, water temperature and additional This may result in discolouration or fabric damage Take care that children's fingers are not caught in the door when

Failure to do so may result in injury To prevent odours and mould, leave the door open after a wash cycle to allow the drum to dry. revent limescale build up, leave the detergent drawer oper after a wash cycle and dry inside it

6. While pulling down part (D) on the

hose to the hot water tap.

the water hose

Гар and hold to start or pause an operation.

ay **® NOTE**

elected cycle.

Smart SmartThings app.

08 Spin (©

he display shows current cycle information and

timated time initially displayed on the contro

ap to change the water temperature for the

The indicator above the button indicates the

ap to change the rinse count for the selected cy

Tap to change the spin speed for the selected cycl

and hold for 3 seconds to enter the Settings

Tap and hold to enter pairing mode to connect to t

the SmartThings app on your smartphone or tab

an control your washing machine remotely usin

Tap to activate or deactivate the Smart Control

When the Smart Control function is activated

The indicator above the button indicates the

OS OK O Tap to confirm your selection of function or settin

default or selected setting.

Rinse 🖾 | • The indicator above the button indicates the

default or selected setting.

ap to enter the Options menu.

water tap, connect the supplied check

valve to the water tap and then connec

clicking sound.

NOTE

down to check if it is connected properly.

Installation

Safety information

Frost may cause the tubes to burst.

o not use an electric transformer.

Do not twist or tie the power cord.

is may result in electric shock or fire.

This may result in electric shock or fire.

This may result in electric shock or fire

o not pull or excessively bend the power cord

This may result in electric shock or fire.

Unplug the power plug by holding the plug.

Safety information

Critical cleaning warnings

o not use a strong acidic cleaning agent.

Instructions about the WEEE

• Failure to do so may result in electric shock or fire

Correct Disposal of This Product

WARNING

rom the wall socket.

Failure to do so may result in electric shock or fire

the water supply taps, and the drain pipes are accessible

Following the repair by a non-authorized service provider

ith the appliance.

not ground the appliance to a gas pipe, plastic water pipe,

This may result in electric shock fire an explosion or problems

Never plug the power cord into a socket that is not grounded

Do not install this appliance near a heater or any inflammable

r in a location exposed to direct sunlight or water (rain drops).

o not install this appliance in a location where gas may leak

o not use a damaged power plug, damaged power cord, or loose

o not hook the power cord over a metal object, place a heavy object

he power cord, insert the power cord between objects, or pus

not pull the power cord when unplugging the power plug

liance should be positioned so that the power plug

self-repair or non-professional repair of the product, Samsung

not clean the appliance by spraying water directly onto it

This may result in discolouration, deformation, damage, electric

fore cleaning or performing maintenance, unplug the appliance

(Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

dicates that the product and its electronic accessories

of with other household waste at the end of their working

(e.g. charger, headset, USB cable) should not be dispose

them responsibly to promote the sustainable reuse of

take these items for environmentally safe recycling.

other commercial wastes for disposal.

For more information on safe disposal and recycling, visit our website

www.samsung.com or contact our Helpline numbers on the last page.

material resources. Household users should contact eith

Business users should contact their supplier and check the

The aqua stop hose alerts users of a risk

of water leaks. It senses the water flow

and turns red on the centre indicator

(A) in case of a leak.

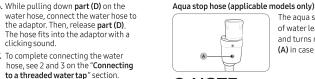
life. To prevent possible harm to the environment or

Do not use henzene, thinner or alcohol to clean the appliance

not install this appliance in a location exposed to low temperat

Do not install this appliance in a humid, oily or dusty location

correctly and make sure that it is in accordance with local and



7. To complete connecting the water (A) hose, see 2 and 3 on the "Connecting to a threaded water tap" section. NOTE e end of the agua stop hose must be fitted to the water tap and not

STEP 5 Position the drain hose Use a popular type of water taps. If the tap is square-shaped or too he drain hose can be positioned in three ways big, remove the spacer ring before inserting the tap into the adaptor. For models with an additional hot water inlet: Connect the red end of the hot water hose to the hot water inlet on the back of the machine. 2. Connect the other end of the hot water

Over the edge of a wash basin ise the supplied **plastic hose guide (A)** Secure the guide to the wall using a hool

In a drain pipe

The drain pipe should be between 60 use a 65 cm high vertical pipe. • To ensure the drain hose stays

position, use the plastic hose guid rovided (see the figure). To prevent the siphoning of water

Operations Tap to activate or deactivate the Quick Drive f selected cycle settings. Quick Drive may not be vailable for certain cycles. ■ NOTE

Icon descriptions This icon indicates that the washing machine is connected to Wi-Fi. Smart Control • For more information on Smart Control see page 54. cannot be opened. Door Lock

signal sounds.

 The door locks automatically during a You can open the door when this icon Child Lock • For more information on Child Lock, see Press to change the water temperature for the current cycle. the drum using the DRUM CLEAN + cycl • After every 40 cycles, this icon appears an hour and then turns off automaticall The icon will appear for 5 more cycles curn off, and then will not appear for other 40 cycles.

Safety information

 Do not use a ventilating fan. A spark may result in an explosion or fire

is not liable for any damage to the product, any injury or any

han a Samsung certified service provider will not be covered

product which does not carefully follow these repair and

by an attempt to repair the product by any person other

Installation cautions

CAUTION

er product safety issue caused by any attempt to repair the

is appliance should be positioned in such a way that the powe

Failure to do so may result in electric shock or fire due to electric

Failure to do so may result in abnormal vibrations, movement

If the appliance is flooded, turn off the water & power supplies

If the appliance generates a strange noise, a burning smell, or smoke, unplug the power cord immediately and contact your nearest service

In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate

ollow these instructions carefully to ensure proper installation of

the washing machine and to prevent accidents when doing laundry

02 Detergent drawer 03 Control pane

• To prevent the drain hose from movin

around, secure the hose guide to the

wall. Drain standpipe requirement

· Minimum carry-away capacity of 60

The drain pipe branch mush be above the sink siphone so that the end of the

hose is at least 60 cm above the groun

branch before connecting the drain

Minimum diameter of 5 cm

In a sink drain pipe branch

CAUTION

CAUTION

ug the power cord into a wall socket that is correctly rated, grounde

and protected by a fuse or circuit breaker. Then, tap 🖰 to turn on the

NOTE

Control panel WW90DG5******

Cycle Turn the dial to select a cycle.

isplay NOTE

28 English -

NOTE

Do not put the drain hose in places of

may flow back to the washing machin

Door latch (lever) (A) is originally

nstallation, plug the power cord, and turn

ed time remaining, or an information code

nated time initially displayed on the control

Delay End lets you set the end time of the current cycle. Based on your settings, the start time of the cycle will be determined by the machine's internal

elay End logic. For example, this setting is useful for

Press to choose a preset unit of hours.

ke sure all the parts are included in the product package

05 Drum

07 Emergency drain tube 08 Filter cover 09 Worktop

* The design of the drawer and/or the lever differs with the model.

10 Power plug 11 Drain hose 12 Levelling feet

If you have a problem with the washing machine or the parts

nmediately and contact your nearest service centre

Failure to do so may result in electric shock or fire

Do not touch the power plug with wet hands

Failure to do so may result in electric shock.

Install your appliance on a solid, level floor that can support

noise, or problems with the appliance

Critical usage warnings

WARNING

appliance or power cord.

Installation

What's included

 Do not use a fuse (such as copper, steel wire, etc.) other than a nove the washing machine door lever before disposing the

When the appliance needs to be repaired or reinstalled, contact

Failure to do so may result in electric shock, fire, problems with

If the water supply hose comes loose from the water tap and flood the appliance, unplug the power cord. Failure to do so may result in electric shock or fire Jnplug the power cord when the appliance is not being used for lon eriods of time or during a thunder or lightning storm

Do not let children (or pets) play in or on your washing machin

such as detergent, dirt, food waste, etc., unplug the power cord and

Water supply

kPa and 800 kPa. Water pressure

water valve to not close

to fill the drum, causing the

washing machine to turn o

Water taps must be within 1

Γο reduce the risk of leaks

washing machine is not in use

Check for any leaks at the

A CAUTION

the washing machine using a damp, soft cloth

children may be seriously injured if trapped inside.

o not open the washing machine door by force while it is operating Failure to do so may result in electric shock or fire. Water flowing out of the washing machine may result in burns o If any foreign substance enters into the appliance, unplug the pow cord and contact your nearest Samsung Customer Service. · This may result in electric shock or fire.

Usage cautions

Installation

Electrical supply

Use an individual brance

and grounding

rounded outlet.

suitable outlet

ure about the grounding.

∆WARNING

Do NOT use an extension cord.

Use only the power cord that

omes with the washing

Installation requirements

CAUTION

cause the floor to be slippery. This may result in injury. Opening the door by force may result in damage to the appliance

If trapped inside the appliance, children may suffocate to death.

Make sure to remove the packaging (sponge, styrofoam) attached to

Do not wash items contaminated with gasoline, kerosene, benzene

the bottom of the washing machine before using it.

thinner, alcohol or other inflammable or expl

This may result in electric shock, fire, or an explosion.

This may result in electric shock. Oo not turn the appliance off by unplugging the power cord while an

This may result in electric shock, burns or injury

while it is operating.

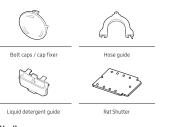
Plugging the power cord into the wall socket again may cause a Do not let children climb in or onto the appliance.

Oo not insert your hand or a metal object under the washing machin

· Failure to do so may result in discolouration, deformation, damage This may result in injury. o not unplug the appliance by pulling the power cord. Always grip The front glass may be broken by a strong impact. Take care when he plug firmly and pull it straight out of the outlet. using the washing machine. Damage to the power cord may cause a short-circuit, fire and/or If the glass is broken, it may result in injury.

Open the water tap slowly after a long period of non-use, water supply Do not attempt to repair, disassemble, or modify the appliance failure, or when reconnecting the water supply hose.

The design of the drawer and/or the lever differs with the model



Accessories (not supplied) Stacking kit:

machine to avoid rat entering.

Before you start

ish cycle without any items in the drum.

Run Calibration (WW90DG5******)

Run Calibration (recommended)

6. The washing machine is now ready for use.

Make sure the drum is empty before running Calibration

Power off, and then power on the washing machine.

to enter Calibration mode. The "Cb" message appears

NOTE

nitial setup

Initial settings

Operations

water hose

Staking kit is required to stack a dryer on a washing machine. NOTE • Spanner: For removing the shipping bolts and levelling the washing machine.

 Bolt caps / cap fixer: For covering the holes after removing the shipping · Hose guide: For hanging the drain hose in the drainpipe or wash-basin • Cold/Hot water hose: For supplying water to the washing machine.

(Hot water hoses is for applicable models only.) Liquid detergent guide: Insert it in the detergent compartment to use liquid detergent.

wire to plastic plumbing, gas lines, or hot water pipes. valve and taps for any leak Improperly connected • Rat Shutter: Fix the rat shutter in the bottom of the washing cause electric shock.

 Initial setup includes the calibration process which comes after t anguage selection. You must proceed calibration before using washing machine. • Empty the drum, and then tap and hold II to start calibratic

Run Calibration (WW90DG6******)

· When calibration is complete, power turns off and then turns o shows the initial setup process. Follow the on-screen instructions to

• Initial setup will not repeat after you've finalized it. In order to seconds to enter **Settings** and select **Calibration**. finalize the initial setup, you must run a wash cycle at least once anguage selection 02 Calibrati • The initial setup includes language selection, calibration, and a

⊕ ⊚ English Empty drum before Tap O or turn the Navigation dial to skip to the next screen Turn dial & Tap O [Tap O to skip]

[Tap O to skip]

Calibration ensures accurate weight detection by the washing machine . Hold down **Temp.** & and **Delay End** simultaneously for 3 seconds

Press Start/Pause to run the Calibration cycle. 1. The drum will rotate for about 3 minutes. (The direction of the d rotation may differ depending on the model.) 5. When the cycle is complete, "0" appears on the display and the

 Rinse Hold (No indicator): The final rinse proce To use the Rinse Hold option, press Spin (9) epeatedly until all the Spin option indica • No Spin W: The drum does not spin after the fina

To use the No Spin option, press **Spin** (9) repeatedly until the option indicator (৩) turn Press this button to add additional rinse cycles.

cycle is longer than normal. You can turn on or off the sound from the washi machine. Please note that this setting does not a

 To mute the sound, hold down Intensive for 3 sets Press to prepare your laundry so that it can be eas ironed by reducing the wrinkles during the spin Easy Iron is only available for the following wa & COTTON, & COTTON, COTTON, SYNTHETICS, HYGIENE STEAM, SUPER SPEED, INTENSE COLD COLORS, BEDDING

10 Bubble Soak 12 This function helps remove a wide variety of stubble

Press Start/Pause. To change the cycle during operation

1. Press Start/Pause to stop operation

Simple steps to start WW90DG5******

(Android or iOS).

13 Start/ Press to start or stop operation.

2 Power Press to turn on/off the washing machine

Press **Power** to turn on the washing machine. Furn the Cycle Selector to select a cycl Change the cycle settings (Temp.
 §, and Spin
 ⑤) as necessary

3. Press Start/Pause again to start the new cycle

Bubble Soak is only available for the following wash cycles: COTTON, SYNTHETICS, HYGIENE STEAM, SUPER SPEED, BEDDING

Press to activate or deactivate the Smart Contro function. Tap and hold to enter pairing mode to

When the Smart Control function is activate can control your washing machine remotely

he SmartThings app on your smartphone or ta

onnect to the SmartThings app.

2. Turn the Navigation dial to select the cycle you wan

3. Tap ૾\[, ⋈, or ∅ to change the default cycle settings 4. Tap 👆, and then turn the Navigation dial to select additional function in the Options menu. For more information on **Options**, see page

Tap O to change the settings for selected additional function Not all cycles have additional functions available. Tap and hold ▷II to start operation.

Once you set the cycle you want, the screen displays a brie can also check the cycle progress, remaining cycle time, and

Operations

Stay Connect art Control turned on at the end of a cycle. Your washing machii

stays connected to the app so you can send additional instruction whether you are at home or away. 1. If you turn on the Stay Connect function on the SmartThings app he washing machine will stay in standby power saving mode afte:

completing a cycle. The Stay Connect function will remain active for up to 7 days if the door remains closed.

2. When the Stay Connect function is active, the Smart Control, Doo Lock, and Wi-Fi icons are illuminated on your washing machine display 3. You can conveniently control your washing machine, adding rinse, spin or dry cycles using the SmartThings app.

eration is paused even if the machine is not connected to the SmartThings app.

Wi-Fi connection

On your smartphone or tablet, go to **Settings** and turn on the wireless connection and select an AP (Access Point). • This appliance supports the Wi-Fi 2.4 GHz protocols

On an app market (Google Play Store, Apple App Store, Samsung Galaxy Apps), find the SmartThings app with a search term of SmartThings". Download and install the app on your device.

The app is subject to change without notice for improved performan-

Troubleshooting

Problem	Action
	Reduce the detergent amount for soft water, small loads, or lightly soiled loads. Non-HE detergent is not recommended.
Cannot add additional detergent.	Make sure the remaining amount of deterger and fabric softener is not over the limit.
	 Plug the power cord into a live electrical outl Check the fuse or reset the circuit breaker. Close the door, and tap and hold D to start t washing machine. For your safety, the washin machine will not tumble or spin unless the do is closed. Before the washing machine starts to fill, it w

ck and will do quick drain ere may be a pause or soak period in the cy Make sure the mesh filter of the water sunn hose at the water taps is not clogged. Periodic lean the mesh filter. temporarily not drain or spin. As soon as th Make sure the temperature selection is corr

Make sure the water heater is set to supply a

ninimum of 49 °C hot water at the tap. Als

Troubleshooting

Code	Action
DC1	The Main Door lock/unlock is not working properly. Turn the machine off, and restart the cycle. If the information code remains, contact a customer service centre.
4C	Water is not supplied. • Make sure the water taps are open. • Make sure the water hoses are not clogged. • Make sure the water taps are not frozen. • Make sure the washing machine is running with sufficient water pressure. • Make sure that the cold water tap and the hot water tap are properly connected. • Clean the mesh filter as it may be clogged. • When the "4C" message appears, the machine drains water for 3 minutes. In the meantime, the power button will be disabled.
4C2	Make sure the cold water supply hose is firmly connected to the cold water tap. If it is connected to the hot water tap, the laundry may be deformed with some cycles.
5C	Water is not draining. • Make sure the drain hose is not frozen or clogged.
5C	Make sure the drain hose is positioned correctly, depending on the connection type. Clean the debris filter as it may be clogged. Make sure the drain hose is straightened all the way to the drain system. If the information code remains, contact a customer service centre.

Cycle	Description	Max load(kg)	WW90DG6******	WW90DG5****
Super Eco Wash / Intense Cold	Low temperature ecobubble cycle helps reduce power consumption.	4	•	•
E Cotton	Optimal performance with lower energy for cotton fabrics, bed linens, table linens, underwear, towels, or shirts. For energy saving, the actual washing temperature may be lower than specified.	Max	•	•
Synthetics	 For fabrics that are made of polyester (diolen, trevira), polyamide (perlon, nylon), or the like. 	4	•	•
Towels	 For bath towels, washcloths, and mats. 	4	•	
Bedding	 For bed spreads, bed sheets, bedding covers, etc. For best results, wash only 1 type of bedding. 	2	•	•
Shirts	 For shirts, blouses that are made of cotton, synthetic fiber. 	2	•	
Hygiene Steam	Cotton and linen fabric which have been in direct contact with the skin, such as underwear. For optimum hygiene results select a temperature of 60 °C or above. Steam cycles feature allergy care and bacteria elimination (sterilize).	4	•	•

Operations

Open Source Announcement

reate a new Samsung account, follow the instructions on the ap u don't need a separate app to create your account.

NOTE a Samsung account, use the account to log in. A registered Samsung smartphone or tablet user automatically logs in.

network. If not, go to **Settings** and turn on the wireless connection

3. If a message of "A new device is found," select Add

1. If no message appears, select + and select your appliance in a of devices available. If your appliance is not listed, select **Device Type**

smartphone or tablet.

Make sure the end of the drain hose is no

neck if there is something stuck between th

2. Open SmartThings on your smartphone or table

wrong water

Cvcle overview

For cleaning lightly soiled cotton items at a nominal

lightly soiled items in less th

Use less than 20 g of detergen

ay leave detergent residu

For liquid detergent, use a n of 20 ml of liquid detergent

items such as underwear ar

The cycle time will differ

depending on the water si

generated during washin

cycles available onthe

SmartThinks app on you

synthetic clothes.

inditions, load, and type o

emperature of 20 °C

5. Register your appliance to the SmartThings app as follows. a. Add your appliance to SmartThings. Make sure your appliance is

Troubleshooting

	_		
Action		Problem	Action
 Disconnect the hoses and clean the mesh filter. The mesh filter may be clogged. While the washing machine fills, the water 		Leaks water.	 If there is something stuck between the doc and the diaphragm, it may cause a leak or damage to the diaphragm.
temperature may change as the automatic temperature control feature checks incoming water temperature. This is normal. While the washing machine fills, you may notice just hot and/or just cold water going through the dispenser when cold or warm temperatures are		Has odours.	 Excessive suds collect in recesses and can cau foul odours. Run cleansing cycles to sanitise periodically. Clean the door seal (diaphragm). Dry the washing machine interior after a cycle has finished.
selected. This is a normal function of the automatic temperature control feature as the washing machine determines the water temperature.	9	No bubbles are seen (Bubble models only).	You may not be able to see bubbles if there is much items in the drum. Severely contaminated laundry may not generate bubbles.
 Use the High or Extra High spin speed. Use high efficiency (HE) detergent to reduce oversudsing. Load is too small. Small loads (one or two items) may become unbalanced and not spin completely. 	a c	A message appears on the display to alert that dispenser is open.	Check if the detergent drawer is closed proper Open the detergent drawer and close it aga Make sure it's closed properly.
 Make sure the drain hose is not kinked or clogged. Make sure the door is properly closed. Make sure all hose connections are tight. 		ncreased time of washing.	The actual washing time may differ from the estimated time initially displayed on the conti panel upon cycle selection.
Make sure the end of the drain hose is correctly inserted and secured to the drain system. Avoid overloading. Use high efficiency (HE) detergent to prevent		Stains on the clothes.	Do not pour fabric softener directly onto your clothes. Applying it directly to clothing can lea stains (for example, oily spots or ingrained dir that might be difficult to remove.
oversudsing. • Check the drain hose.	_		

		Spe	Cirications					
	A salte in	Fabric (care chart					
ode	Action		ving symbols provide garment	Bleachir	ıg			
dC	Operating the washing machine with the door open. • Make sure the door is properly closed. • Make sure laundry is not caught in the door.	care direction. The Clothing care labels include symbols for drying, bleaching, drying and ironing, or dry cleaning when necessary. The use of symbols ensures			include symbols for drying, bleaching, drying and ironing, or dry cleaning when			
The machine does not turn off automatically after the last spinning process, and the "0" message remains.		of domest care label	cy among garment manufacturer tic and imported items. Follow directions to maximize garment duce laundering problems.		Only oxygen bleach allow Do not bleach.			
U	 The machine operates normally without running the DRUM CLEAN + cycle. However, it is recommended to run the cycle for hygienic purposes. 	Washing	3.	Drying	Tumble drying / normal temp			
	Spinning does not work.			O	maximum exhaust temperatu			
	 Make sure laundry is spread out evenly. 	\frac{660}{}	60 °C normal wash.	\odot	Tumble drying / lower tempe maximum exhaust temperatu			
Ub	 Make sure the washing machine is on a flat, stable surface. Redistribute the load. If only one item of clothing needs 	60	60 °C mild wash.	Ø	Do not tumble dry			
OD	washing, such as a bathrobe or pair of jeans, the final	40	40 °C normal wash.		Line drying.			
	spin result might be unsatisfactory, and an " Ub " check message will be shown in the display.	40	40 °C mild wash.		Drip line drying.			
any information code keeps appearing on the screen, contact a loca msung service centre.		40	40 °C very mild wash.		Flat drying.			
		1307	30 °C normal wash.		Drip flat drying.			
		30	30 °C mild wash.		Line drying in the shade.			
		30	30 °C very mild wash.	1	Drip line drying in the sha			

Operations

Cycle	Description	Max load(kg)	WW90DG6*****	WW90DG5*****
Super Eco Wash / Intense Cold	Low temperature ecobubble cycle helps reduce power consumption.	4	•	•
E Cotton	Optimal performance with lower energy for cotton fabrics, bed linens, table linens, underwear, towels, or shirts. For energy saving, the actual washing temperature may be lower than specified.	Max	•	•
Synthetics	 For fabrics that are made of polyester (diolen, trevira), polyamide (perlon, nylon), or the like. 	4	•	•
Towels	 For bath towels, washcloths, and mats. 	4	•	
Bedding	 For bed spreads, bed sheets, bedding covers, etc. For best results, wash only 1 type of bedding. 	2	•	•
Shirts	 For shirts, blouses that are made of cotton, synthetic fiber. 	2	•	
Hygiene Steam	Cotton and linen fabric which have been in direct contact with the skin, such as underwear. For optimum hygiene results select a temperature of 60 °C or above. Steam cycles feature allergy care and bacteria elimination (sterilize).	4	•	•

Maintenance

oftware included in this product contains open source softwar ou may obtain the complete corresponding source code for a period of three years after the last shipment of this product by contaction our support team via http://opensource.samsung.com (Please use the

n a physical medium such as a CD-ROM; a minimal charge will be

SMART AT 051/seg/0 leads to the open source license information



	- English	57	
mparison to the values specified in the indicative informat	ion.		
hen Wi-Fi is activated, the energy consumption increases i	n		

Problem	Action	Information of	codes
Leaks water.	If there is something stuck between the door and the diaphragm, it may cause a leak or	If the washing mad code on the screer	
	damage to the diaphragm.	Code	
Has odours.	 Excessive suds collect in recesses and can cause foul odours. Run cleansing cycles to sanitise periodically. Clean the door seal (diaphragm). Dry the washing machine interior after a cycle has finished. 	Clean drain	Water is no Make sur Make sur dependir Clean the
No bubbles are seen (Bubble models only).	You may not be able to see bubbles if there is too much items in the drum. Severely contaminated laundry may not generate bubbles.		 Make sur way to th If the info customer
A message appears on the display to alert that dispenser is open.	Check if the detergent drawer is closed properly. Open the detergent drawer and close it again. Make sure it's closed properly.		Water is no Make sur Make sur Make sur Make sur
Increased time of washing.	The actual washing time may differ from the estimated time initially displayed on the control panel upon cycle selection.	Check water supply faucets	sufficient • Make sur water tap
Stains on the clothes.	Do not pour fabric softener directly onto your clothes. Applying it directly to clothing can leave stains (for example, oily spots or ingrained dirt) that might be difficult to remove.	and restart	 Clean the All buttor the inform When the message
			minutes. be disable

ecifications				
care chart			Ironing	
owing symbols provide garment ection. The Clothing care labels symbols for drying, bleaching, nd ironing, or dry cleaning when	Bleachi	Any bleach allowed.		Iron at maximum so plate temperature (200°C.
ry. The use of symbols ensures ency among garment manufacturen estic and imported items. Follow		Only oxygen bleach allowed.		Iron at maximum so plate temperature of 150°C
el directions to maximize garment reduce laundering problems. ng	Drying	Do not bleach.		Iron at maximum so plate temperature of 110°C
95 °C normal wash.	<u></u>	Tumble drying / normal temperture / maximum exhaust temperatue 80 °C.		Caution when using steam irons (work
60 °C normal wash.	O	Tumble drying / lower temperature / maximum exhaust temperature 60 °C		without steam).
60 °C mild wash.	120	Do not tumble dry		Do not iron.
40 °C normal wash.		Line drying.	N	OTE
40 °C mild wash.		Drip line drying.	The dots	indicate the tempera
40 °C very mild wash.		Flat drying.		r ironing (regulator, avel irons and ironing
30 °C normal wash.		Drip flat drying.	machines Professi	s). onal care
30 °C mild wash.		Line drying in the shade.	1010331	Professional dry-
30 °C very mild wash.	個	Drip line drying in the shade.	P	cleaning in perchloroethylene

The lines indicate the type and place of the dryer.

Cycle	Description	Max load(kg)	WW90DG6******	WW90DG5***
Silent Wash	 For reducing operating noise and vibration. 	4	•	
Cloudy Day	 For optimum spin drying at high humid condition. 	Мах	•	
Rinse+ Spin	 Featuring an additional rinse process after applying fabric softener to the laundry. 	Max	•	•
Drain/ Spin	 For draining the water inside the drum and running an additional spin process to effectively remove moisture from laundry. 	Max	•	
Drum Clean+ (applicable models only)	Cleans the drum by removing dirt and bacteria from it. Cleans the rubber door gasket by removing dirt from the gasket. Perform once every 40 washes with no detergent or bleach applied. Notification message appears after every 40 washes. Make sure the drum is empty. Do not use any cleaning agents for cleaning the drum.	-	•	•
Drum Clean (applicable models only)	Cleans the drum by removing dirt and bacteria from it. Perform once every 40 washes with no detergent or bleach applied. Notification message appears after every 40 washes. Make sure the drum is empty. Do not use any cleaning agents for cleaning the drum.	-	•	

Orum Clean+/Drum Clean (WW90DG6******) erform this cycle regularly to clean the drum by removing bacter from it. This cycle heats the water between 60 °C and 70 °C, and it also

2. Turn the Navigation dial to select Drum Clean+/Drum Clean

sh and extra rinses to help

Tap and hold ▷

from it. This cycle heats the water between 60 °C and 70 °C, and it

rinkage / distortion.

clothing. This cycle provide

effective soil removal wi

d sportswear that are ma

1. Press Power to turn on the washing machine . Turn the Cycle Selector to select DRUM CLEAN+.(WW90DG6 . Press and hold Start/Pause

residue in the drum may cause damage to the laundry or the drum

• To prevent limescale, add the proper amount of detergent according to your local water hardness or add a water softener

Drum Clean+/Drum Clean reminder to run the Drum Clean+/Drum Clean cycle.

• The Drum Clean+/Drum Clean reminder blinks on the control panel nce every 40 washes. It is advisable to perform **Drum Clean+/** Drum Clean regularly.

Code	Action
Clean drain filter	Water is not draining. Make sure the drain hose is not frozen or clogged. Make sure the drain hose is positioned correctly, depending on the connection type. Clean the debris filter as it may be clogged. Make sure the drain hose is straightened all the way to the drain system. If the information code remains, contact a customer service centre.
Check water supply faucets and restart	Water is not supplied. Make sure the water taps are open. Make sure the water hoses are not clogged. Make sure the water taps are not frozen. Make sure the washing machine is running with sufficient water pressure. Make sure that the cold water tap and the hot water tap are properly connected. Clean the mesh filter as it may be clogged. All buttons will be disabled for 3 minutes after the information code appears. When the "Check water supply faucets and restart" message appears, the machine drains water for 3 minutes. In the meantime, the Power button will be disabled.
Please connect the hot/cold water hose connection correctly	Make sure the cold water supply hose is firmly connected to the cold water tap. If it is connected to the hot water tap, the laundry may be deformed with some cycles.

the solvents (P.F) used in dry

cleaning or wet cleaning (W)

Generally, the line under the

treatment (e.g. gentle cycle f

easy- care items). The double

line indicates care levels with particularly gentle treatmen

symbol indicates a milder

cations											
art			· ·	Ironing							
Clothing care labels	Bleaching		,	\supset	Iron at maximum sole		F	Professional dry- cleaning in			
r drying, bleaching, or dry cleaning when	Δ	Any bleach allowed.		<u></u>	plate temperature of 200°C.			hydrocarbons (he benzines) with no			
of symbols ensures garment manufacturers	A	Only oxygen bleach allowed.			Iron at maximum sole plate temperature of			process.			
ported items. Follow s to maximize garment	×	Do not bleach.		1	150°C.			Professional dry- cleaning in			
ndering problems.	Drying		l n		Iron at maximum sole plate temperature of 110°C.		<u>E</u>	hydrocarbons (he benzines) with ge process.			
normal wash.	O	Tumble drying / normal temperture / maximum exhaust temperatue 80 °C.						Caution when using steam irons (work	-	Ø	Do not dry-clean.
normal wash.	0	Tumble drying / lower temperature / maximum exhaust temperature 60 °C			without steam).	_	\otimes				
nild wash.	<u> </u>	Do not tumble dry		\bowtie	Do not iron.		\otimes	Professional wet-cleaning.			
normal wash.		Line drying.		● N	OTF		(W)	Mild professional			
mild wash.		Drip line drying.			ndicate the temperatur	ہ ا		wet-cleaning.			
very mild wash.		Flat drying.	1	ranges for ironing (regulator, steam, travel irons and ironing			<u></u>	Very mild profess wet-cleaning.			
normal wash.		Drip flat drying.	machines). Professional care				Ø	Do not wet-clean.			
nild wash.		Line drying in the shade.			Professional dry-	(a N	OTE			
	1201				cleaning in		- 11'				

emoves accumulated dirt from the rubber door gasket.

Emergency drain n case of a power failure, drain the water inside the drum befor machine from the electrical outlet

When you first see this reminder blinking, you can ignore the

no longer appears. However, it appears again on the second 40th

Even if "Drum Clean complete" does not disappear, the machine

It is recommended to run the cycle regularly for hygienic purposes

Even after the last process is terminated, the "Drum Clean complete"

2. Open the filter cover (A) by using container while holding the **tube** cap (B)

he **emergency drain tube (C)** flow into the container When done, close the tube cap, and NOTE

water in the drum may be more than

Redistribute unbalanced load and restart		Spinning does not work. Make sure laundry is spread out evenly. Make sure the washing machine is on a flat, stable surface. Redistribute the load. If only one item of clothing needs washing, such as a bathrobe or pair of jeans, the final spin result might be unsatisfactory, and a "Redistribute unbalanced load and restart" check message will be shown in the display.		UC		
Close the washer door and try again		Operating the washing machine with the door open. Make sure the door is properly closed. Make sure laundry is not caught in the door.	НС			
Code	Action			1C		
ос	Water has overflowed. Restart after spinning. If the information code remains on the display, contact a local Samsung service centre. Check the drain hose.					
LC, LC1	Make sure the end of the drain hose is not placed on the					
3C	Check the drum motor for operation. Try restarting the cycle. If the information code remains, contact a customer service centre.					
3СР	The electronic control needs to be checked. Try restarting the cycle. If the information code remains, contact a customer					

Specifications

Protecting the environment

• This appliance is manufactured from recyclable materials. If you decide to dispose of it, please observe local waste disposal

• Use stain removal products and bleaches before the wash cycle only when necessary. Save water and electricity by only washing full loads (the exact amount depends upon the program used).

supported" message is displayed, and the **O** button is not activated. When you select an additional function, a brief help message appears for the first ten times of use. You can add a preliminary washing cycle before the main wash cycle. 1. Select a cycle and change the cycle settings as necessary. 3. Turn the Navigation dial to select Prewash, and then tap O. For badly soiled laundry. The operation time for each cycle is longe Select a cycle and change the cycle settings as necessar

Using Options

NOTE

to select **Back** and tap **O**.

1. Tap (♣.

Maintenance

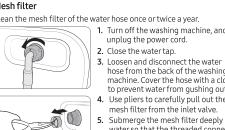
Surface of the washing machine spray water onto the washing machine.

2. Turn the Navigation dial to select the desired additional function

3. Tap O to change the selected function's settings or start the function.

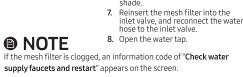
• To return to the main screen, tap 🖶 again or turn the Navigation dia

• If the selected function is not supported, the "Currently no



2. Close the water tap. Loosen and disconnect the wat hose from the back of the wasl machine. Cover the hose with a to prevent water from gushing out 4. Use pliers to carefully pull out th mesh filter from the inlet valve.

water so that the threaded connecto is also submerged. 6. Dry the mesh filter completely in the



	Code	Action
g ns, d	UC	Check the pulsator motor for operation. Check if power is supplied properly. If the information code remains, contact a customer service centre.
		Low voltage detected. • Check if the power cord is plugged in. • If the information code remains, contact a customer service centre.
en.	НС	High temperature heating check. • If the information code remains, contact a customer service centre.
	1C	The Water Level sensor is not working properly. • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre.
a	AC	Check communications between main and sub PBAs. • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre.
e	8C	The MEMS sensor is not working properly. • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre.
	AC6	Check communications between the main and the inverte PBAs. • Depending on the state, the machine may automatically returns to normal operation. • Turn the machine off, and restart the cycle.

regulations. Cut off the power cord so that the appliance cannot be connected to a power source. Remove the lid so that animals and small children cannot get trapped inside the appliance. • Do not exceed the detergent quantities recommended in the detergent manufacturers' instructions.

NOTE

Net weigh

Specification sheet

• The design and specifications are subject to change without notice for quality improvement purposes. The dimensions stated here may differ slightly from the actua The energy label specifications have been determined by using the following program according to IEC 60456.

The program is "COTTON Cold + Intensive".

Asterisk(s) means variant model and can be varied (0-9) or (A-2

Front loading washing mach

9.0 kg

1900-2300 W

Operations

his function helps remove a wide variety of stubborn stains. Witl

Bubble Soak selected, laundry is thoroughly soaked in water bubbles 1. Select a cycle and change the cycle settings as necessary

3. Turn the Navigation dial to select Bubble Soak, and then tap O. Bubble Soak is available with and adds up to 30 minutes to these cycles: Cotton, Super Speed, Synthetics, Towels, Bedding, Shirts Hygiene Steam, Activewear, Jeans / Denim, Baby Care, Silent Wash,

It is advisable to clean the debris filter every 2 months to prevent its

1. Turn off the washing machine, and

2. Drain the remaining water inside the

the filter cover to open.

drum. See the Emergency drain section

Open the **filter cover (A)** by using

the spanner provided in acces

4. Turn the debris filter knob to the left

and drain off the remaining water

5. Clean the debris filter using a soft brus

drain pump propeller inside the filte

Reinsert the debris filter, and turn the

knob that is designed to prever

Terms of Warranty (Only Applicable to India)

Warranty not applicable in any of the following cases

1. The Complete warranty Card is not presented to the service engineer

2. The Product is not purchased from an Authorized Samsung Sales Dealer.

in the INSTRUCTION MANUAL as determined by company personnel.

3. The Product purchased is not used according to the instruction given

5. Modification or alterations of any nature mode in the circuitry by the

commercial purpose or Public places like Hotels, training centers and

4. Defect Caused by improper use, as determined by the authorized

Purchaser or unauthorized Personnel, as determined by

9. Correcting the installation for example leveling the product,

adjustment of drain hose, Adjustment of Tap adopter.

drain sound, spin sound or warning beeps.

buttons, hooks, Dirt accumulation etc.

For warranty conditions refer warranty card.

6. The Warranty is not applicable if the washing machine used for

7. The Original Serial number is removed, obliterated or altered from

10. Noise or Vibration that is considered as normal for example water

11. Removal of foreign objects/substances from machine, including the

Drain Valve and inlet hose filter for example coin, Grit, safety pin,

12. Replace fuse, correcting house wiring, house plumbing and defect or

damage caused by household pets, rats, cockroaches or any other

8. Defect due to causes beyond control like lightening, abnormal voltage,

acts of god or while in transit to service center or to the purchaser

at the time of repairs being undertaken/ requested.

service centers/ Company Personnel.

Company personnel.

the Product.

residence.

animals or insects.

other similar applications.

unplug the power cord.

3. Open the filter cover.

the waste bin.

is unclogged.

NOTE

accidents by children. To open the safety knob of the debris filter, push

n and turn it anticlockwise. The spring mechanism of the safety kno

To close the safety knob of the debris filter, turn it clockwise. The

spring makes a rattling sound, which is normal.

clogging. A clogged debris filter may reduce the bubble effect.

Add or remove cycles to create a personal cycle lis

2. Turn the Navigation dial to select My Cycles, and then tap O You can only edit a cycle to create a personal cycle when the washing machine is not operating.

3. Turn the Navigation dial to select a desired cycle 4. Tap O to add or remove the selected cycle. Addition and removal of the course is saved automaticall 5. Once you finish creating My Cycles, tap 🔄 to return to the cycles

Debris filter

helps open the filter.

NOTE Drum Clean cycles cannot be removed from the 3. Turn the Navigation dial to select Intensive, and then tap O. • You can also edit My Cycles in the SmartThings app.

Maintenance

Delay End (WW90DG6**

5. Tap and hold ▷ .

Real-life case

below is the time line for this example.

You can set the washing machine to finish your wash automatically a

later time, choosing a delay of between 1 to 24 hours (in 1 hour or 1

ninutes increments). The hour displayed indicates the time the wash

4. Turn the Navigation dial to select the desired time, and then tap O.

drum to sense the weight of the load (if load sensing is preset for

the selected cycle). When load sensing is complete, the display

shows the remaining time until the end of the wash cycle

You want to finish a two-hour cycle 3 hours later from now. For this, you

dd the Delay End option to the current cycle with the 3-hour setting,

and press Start/Pause at 2:00 p.m. Then, what happens? The washing

nachine starts operating at 3:00 p.m., and ends at 5:00 p.m. Provided

1. Select a cycle and change the cycle settings as necessary

3. Turn the Navigation dial to select Delay End, and then tap O.

display after every 100 washes.

this may cause an operational failure or a leak.



2. Remove the release lever and the liquid detergent guide from the flowing water using a soft brush.

Clean the drawer components in

• If the pump filter is clogged, an information code of "Clean drain **↑** CAUTION

Make sure the filter knob is closed properly after cleaning the filte

(A) inside the drawer, slide open the

his is the case, drain the washing machine and unplug the power cord. . Turn the Navigation dial to select Rinse+Spin.

NOTE

NOTE

Operations

Child Lock (WW90DG5******)

want to add detergent or laundry.

The washing machine door also locks.

Tap O to change or run the selected setting

Defrosting your washing machine

5. Reconnect the water hose to the water tap.

above steps until it operates normally

SAMSUNG

1. Tap and hold 🖰 for 3 seconds

NOTE

1. Tap (♣.

washing machine, Child Lock locks all buttons except for Ů and 犇

2. Turn the Navigation dial to select Child Lock, and then tap \bigcirc .

The Child Lock 🖯 icon turns on when the function is o

• To set the Child Lock function, hold down Temp. 🌡 and Spin 🤇

• To release the Child Lock function, hold down Temp. & and Spin (

• In the Child Lock state, you must first release the Child Lock if you

When Child Lock is on, all buttons are disabled except for and

Tapping a button while Child Lock is on triggers an alarm with the

Turn the function off before opening the door to take out the laundry.

 ${\bf 2.}\,$ Turn the ${\bf Navigation}\,$ dial and select the desired system setting, and

To remove remaining detergent, perform the Rinse+Spin cycle with

ing machine may freeze when it drops below 0 '

Turn off the washing machine, and unplug the power cord

3. Disconnect the water hose, and soak it in warm water.

Care against an extended time of disuse

2. Pour warm water over the water tap to loosen the water hose

4. Pour warm water into the drum and leave it for about 10 minute

Clean the drawer recess using a soft

5. Reinsert the release lever and the

6. Slide the drawer inward to close it

liquid detergent guide to the drawer.

3. When the cycle is complete, close the water tap and disconnec 4. Turn off the washing machine, and unplug the power core

5. Open the door to let air circulate through the drum.

Warranty Card (Only Applicable to India)

Proof of purchase is a pre-requisite to claim warrant

This warranty card gives the key points related to warranty claim. for further details log on to

Warranty can be claimed only if the repair was carried out by the Samsung authorised service center

i. In case of defective accessory, only the accessory will be repaired or replaced.

14. Defects caused by customer negligence, tampering shall void the product warranty

applicable as per revised T&C as Samsung shall deem fit.

24. Warranty period of parts & accessories may vary from product to product.

25. Maximum liability out of this warranty is limited to the product purchase value/MRP

23. This warranty covers repair/replacement of parts.

stomer's Signature & Date ccept the Terms & Conditions of warranty)

15. Any extended/addition warranty offered by Samsung has to be supported by relevant proofs.

16. Usage of power stabilizers of proper rating is necessary unless explicitly mentioned by Samsung on product

binding on the purchaser and same shall be considered as a commercial solution in lieu of repairs.

22. This warranty covers only the defects in products arising out of manufacturing or faulty workmanship.

Carry-in service or In-Home service applicability depends on the product category and Samsung policy

of installation, any additional material required over and above the standard installation kit shall be on the chargeable basis

Cosmetic/ Aesthetic / Plastic / Glass Parts /Bulbs / Cable /Wiring / Piping/ Consumables are not covered under warrar

The defective parts/ products which were replaced by Samsung under this warranty shall be the property of Samsung.

12. Samsung shall not be responsible for any loss or misuse of data, personal information, setting, third party software during

17. In case of defect arising out of installation done by party other than Samsung authorised party, the limited warranty will be

18. Regular upkeep, maintenance and cleaning of parts are necessary in certain products. Such periodic maintenance shall be on chargeable basis unless otherwise provided and not covered under warranty.

19. In the event of any unforeseen circumstances, and spares not being available Samsung's prevailing depreciation rules will be

20. Defects arising out of the following are not covered under warranty like Mishandling/Misuse,Improper ventilation, Imprope voltage, Use of external material, Normal wear and tear, Physical damage and / or electrical damage caused by physical

21. Complaints related to playability, printability, compatibility with external accessories, software, file systems, third party applications, CODEs, signals, Networks& ISP bandwidth shall not be considered as defect in product and not covered under

Samsung shall not be liable for any loss, cost, expense, inconvenience or damage that may result from use inability to use the

tances shall Samsung be liable for any loss, cost, expense, inconvenience or damage exceeding

to select **Back** and tap **O**.

them in frequency order.

1. Tap and hold দ for 3 seconds.

Tap and hold 距 for 3 seconds.

Tap O to select On or Off.

Tap and hold for 3 seconds.

Troubleshooting

screen and follow the on-screen instructions

table below and try these suggestions.

Helpline - Call: 1800 40 7267864 (1800 40 SAMSUNG) / 1800 5 7267864 (1800 5 SAMSUNG

the problem persists, please contact the service cente

NOTE

Checkpoints

. Tap O to select On or Off

urn the function on, the washing machine remembers the cycle

u use most and their settings (Temp., Rinse, Spin) and displays

Turn the Navigation dial to select AI Pattern, and then tap O

When you turn off the function, all the saved data resets

Turn the Navigation dial to select Sound, and then tap O

You can run calibration again for accurate weight detection

2. Turn the Navigation dial to select Calibration, and then tap O.

Calibration does not start if the door is not closed properly

ere is any problem, check the information message on the LCD

Action

Make sure the door is properly closed

Make sure the water taps are oper

lock and will do quick drair

insufficient, or Make sure there is sufficient water pressure

Make sure the washing machine is plugge

Tap and hold I to start the washing machi

Make sure Child Lock is not activated.

Check if power is supplied properly.

Make sure the door is properly closed

Check if the power cord is plugged in

Make sure the water supply hose is not fro

Make sure that the cold water tap and the h

Clean the mesh filter as it may be clogge

water tap are properly connected.

Make sure the water supply hose is not kink

Make sure laundry is not caught in the doc

The drum rotates clockwise and anticlockwise for about 3 minute

ou can turn on or off the sound from the washe

ne default setting is On. Set it to Off if you do not want to us

Operations

3. When calibration is complete, the "Calibration complete" message appears on the display and the washing machine turns off automatically.

You can turn the washing machine's Wi-Fi on or of 1. Tap and hold for 3 seconds. tablet (Android & iOS). 2. Turn the Navigation dial to select Wi-Fi, and then tap O

2. Tap (1) to turn on the washing machine 3. Tap and hold $\widehat{\Omega}$. The washing machine's Wi-Fi is off as a factory default setting

special features

However, the washing machine's Wi-Fi turns on automatically when you turn on the washing machine for the first time. Then b. Tap 🗓 to authenticate your washing machin the final Wi-Fi setting maintains regardless of the washing c. Once the authentication process is complete, your washi

machine is successfully connected to the app. Once you turn on the washing machine's Wi-Fi and connect to

The Wi-Fi 🛜 indicates that the washing machine is connected the router through the Wi-Fi connection. Language

You can change the system language 1. Tap and hold 4 for 3 seconds.

Tap O to select On or Off.

2. Turn the Navigation dial to select Language, and then tap O. Turn the Navigation dial to select the desired language, and ther

1. Tap and hold 4 for 3 seconds. 2. Turn the Navigation dial to select Factory Reset, and then tap O. Your washing machine resets to the factory setting

problem, call for service.

Action Make sure the detergent is added to the cen Make sure the rinse cap is inserted proper If using granular detergent, make sure the detergent selector is in the upper position. Remove the rinse cap and clean the deterge level, solid floor that is not slippery. If the flo Make sure the shipping bolts are removed ke sure the washing machine is not in co with any other object. The motor can cause noise during normal operation. Metal objects such as coins can cause noise. After Redistribute the load. If only one item of cla needs washing, such as a bathrobe or pair o jeans, the final spin result might be unsatisfa and a "Redistribute unbalanced load and resta way to the drain system. If you encounter a

Problem	Action		
Does not drain and/or spin.	 Close the door and tap and hold ▷ For your safety, the washing machine will not tumble or spin unless the door is closed. Make sure the drain hose is not frozen or clogge Make sure the drain hose is connected to a drasystem that is not clogged. If the washing machine is not supplied with sufficient power, the washing machine will temporarily not drain or spin. As soon as the washing machine regains sufficient power, it voperate normally. Make sure the drain hose is positioned correct depending on the connection type. Clean the debris filter as it may be clogged. 		
The door does not open.	Tap and hold DI to stop the washing machine. It may take a few moments for the door lock mechanism to disengage. The door will not open until 3 minutes after th washing machine has stopped or the power habeen off. Make sure all the water in the drum is drained. The door may not open if water remains in the drum. Drain the drum and open the door manua. Make sure the door lock light is off. The door lock light turns off after the washing machine has drained.		
Excessive suds.	 Make sure you use the recommended types of detergent as appropriate. Use high efficiency (HE) detergent to prevent oversudsing. 		

The Warranty shall be null and void in any of the following cases, and in such cases Samsung may at its sole discretion repair the equipment on a chargeable basis. The decision of Samsung, whether a omplaint falls in any of these categories or not shall be binding on the Purchaser The dully filled warranty card/proof of purchase is not presented to the service engineer at the time of repairs being

The original serial number of the product is removed, altered or obliterated from the product.

The product is being used for commercial purpose OR if the product has been used excessively and beyond reasonable

of conditions/corrosions/oxidations/spilling of food/liquid/influence of Chemical substances. Defects due to causes beyond control like lightning, abnormal voltage, spikes, external sources (ex: cable/set top box

Defects caused due to negligence/omission of the Purchaser on account of periodic maintenance(s)/periodic servicing as

Defects caused due to usage of third party material/non Samsung Authorized Consumables.

original firmware(s) or software(s) of the product Repair due to misuse/third party repair attempts are not covered in warrant

Warranty does not cover repair due to external factors/mediums/data types

Warranty shall be void if product has failed under certain conditions/types (ex: water logging, misuse, etc.) All disputes arising out of this warranty are subject to Delhi jurisdiction only.

Warranty period commences from the date of purchase of the product unless specified otherwise Product Group Product Description Warranty Period (Months)

24 AC Motor : 120 months # Digital Inverter Motor : 240 months l panel Top Loading Fully 24 (Applicable for Rear & Front Control Panel models with Wobble Pulsator) [‡] Universal motor : 60 months* Digital Inverter Motor : 240 months Fully Auto Front Loading

SAMSUNG INDIA ELECTRONICS PRIVATE LIMITED

COUNTRY

26. No warranty on certain parts/conditions/types of product failures. 27. Under certain conditions where warranty obligations cannot be met, depreciation will be applicable on the existing product.

CUSTOMER DETAILS CUM WARRANTY CARD Customer copy (to be retained by customer copy (Product Serial No:_ Address in Full: _____ Telephone No.: _____ Dealer Name & Address :_

CALL

Dealer 's Signature with rubber stamp

Defects caused by household pets, rats, cockroaches, ants, pests, fungi or any other animal/birds/insects

mentioned in the instruction manual of the product.

Any modifications, including but not limited to, rooting attempts, reverse engineering, unlocking, jail-breaking etc. of the

Warranty shall apply only if the product is used as per its usage specifications (ex: personal, commercial etc.)

Parts/Accessory Warranty (if applicable)

Registered Address:6th Floor, DLF Centre, Sansad Marg, New Delhi-110001, Visit: www. samsung.com/in

Samsung Helpline - Call : 1800 40 7267864 (1800 40 SAMSUNG) / 1800 5 7267864 (1800 5 SAMSUNG)

QUESTIONS OR COMMENTS?

1800 40 SAMSUNG (1800 40 7267864)

BANGLADESH his product is RoHS complian

08000-300-300 (Toll free), 09612-300-300

www.samsung.com/in/support

www.samsung.com/in/support

INDIA

If you use your washing machine for a while without connecting it the SmartThings app, a pop-up message about Smart Control wil

 If the washing machine's Wi-Fi is not connected to an AP (access) point), the Wi-Fi will turn off when you turn of the power.

Troubleshooting

5 Months from date of purchase or 12 months from installation, whichever ends early, **12 Months from date of commissionin case of parts warranty, labour cost and gas charging cost(if applicable) will be chargeable as per the applicable rates. Correct disposal of the product (Waste Electrical & Electronic Equipment)

(Toll-Free) 1800 5 SAMSUNG (1800 5 7267864) (Toll-Free) 16600172667 (Toll Free for NTC Only) NEPAL 9801572667 (Toll Free for Ncell users) SRILANKA 011 SAMSUNG (011 7267864)

OR VISITUS ONLINE AT

a. The washing machine enters AP mode and connects to yo

Connecting your washing machin Download and open the SmartThings app on your smartphone

You can connect to the SmartThings app and control your washing machine remotely.

nart Control (applicable models only

smartphone or tablet

You can use various features available in the SmartThings ap

 Check your router if you experience any Internet connection p If the Wi-Fi is off, tap and hold for 3 seconds to enter the Settings

menu, and select Wi-Fi to turn it on. Turning the washing machine's Wi-Fi on allows you connect to th washing machine via SmartThings app on your smartphone or tabl

washing machine via Sina Chrimings app in your Sina Infinite or take regardless of the power status of the washing machine. However, the washing machine appears offline on the SmartThings app if the washing machine's Wi-Fi is off. Close the door before starting the Smart Control function

is marking on the product, accessories or literature indicates that the electronic accessories (e.g. charger, headset, and USB cable)

www.samsung.com/in/support

www.samsung.com/bd/support