slightly during the spin cycle. **A** CAUTION poorly supported structure

Water temperature water in its water valves, pum

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)

Select the Prewash option for the selected cycle if the laundry is

neavily soiled. Do not use the Prewash option when detergent is manually added into the drum.

STEP 5 Determine the load capacity

washing machine to not wash properly. For the load capacity for the type of clothing, see page 40.

NOTE

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

**A** CAUTION

Unbalanced laundry may reduce the spinning performance

• 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.

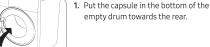
he pump, and other compone

If both the washing machine a

tructed air opening. You

ot require a specific air openin

Alcove installation



# 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 Checkpoints Information codes Specifications



### Installation

TEP 1 Select a location

· Away from direct sunlight 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

he washing machine

prevent rats from entering inside the washing machine and to

washing machine. shipping bolt.

Check Point: Do not remove the

STEP 6 Apply a proper detergent type

ne type of detergent depends on the type of fabric (cotton, syntheti elicate items. wool). colour, wash temperature, and degree of soiling ke sure to use the laundry detergent that is designed for automati

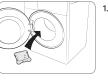
# NOTE

 Follow the detergent manufacturer's recommendations based or 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

 Do not use detergent that tends to be hardened or solidified. Thi detergent may remain after the rinse cycle, blocking the drain outlet

When washing wool using the Wool cycle, use a detergent dedicated o wool items. If used with the Wool cycle, powder detergent may remain on the laundry and discolour the laundry.

Laundry capsules o get the best results from using laundry capsules, please follow hese instructions.



Fabric care chart

Specification sheet

Protecting the environment

3. Fix the Rat shutter in the prope

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.

I remove all shipping bolts

ry differ depending on the model.

(Loose screws will cause noises

c. Ensure the proper fitment. Before

2. Tilt the washing machine onto the tilt the washing machine on its left or right side and ensure there is no Solid, level surface without carpeting or flooring that may machine on its front or back.

· Away from a heat source

corner of the wood floor. STEP 2 Installation procedure for the Rat shutter assembly with

1. Remove the packing box. Then

**⚠ WARNING** • Packaging materials can be dangerous to children. Dispose all packaging material (plastic bags, polystyrene, etc.) out of

# Before you start

2. Put the laundry in the drum on top of

For cycles using cold water or cycles that complete in less than one hardness, contact a local water authority. our, the capsule may not dissolve completely

Detergent drawer guidelines

he washing machine provides a three-compartment dispenser: the left compartment for the main wash, the front-right for fabric softeners, and the rear-right for the preliminary wash. 1. I Prewash compartment: Apply

STEP 3 Remove the shipping bolts

Unnack the product packa

NOTE

prewash detergent. 2. III Main-wash compartment: Apply main-wash detergent, water softener, soaking detergent, bleach, and/or

Softener compartment: Apply not exceed the max line (A). NOTE

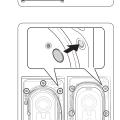
juide may differ with the model. **CAUTION** Do not open the detergent drawer while the washing machine it. • To avoid injury, cover the holes with bolt caps after removing the

in a safe place for future use. with circle in the figure) on the rear

shipping bolts in place. Assemble the shipping bolts before moving

side of the washing machine.

 Using the supplied spanner, loose all the shipping bolts by turning them anticlockwise. NOTE



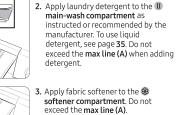
future use. 3. Insert the bolt caps (B) to the holes

Do not use the following types of detergent in the drawer:

Tablet or capsule types To prevent the compartment from clogging, concentrated or highly nriched agents (fabric softener or detergent) must be diluted with water before being applied. When Delay End is selected, do not apply detergent directly into

the drum. Otherwise, this may discolour the laundry. Use the detergent drawer when Delay End is selected. Be careful not to spill fabric softener on the worktop or the control

To apply washing agents to the manual dispenser 1. Slide open the detergent drawer main-wash compartment as



Softener is dispensed into the wash during the final rinse.

First insert the provided liquid deterger guide in the III main-wash compartmen Then, apply liquid detergent to the guide below the marked max line (A). NOTE Do not exceed the max line (A) in the liquid detergent guide when you apply liquid detergent. Insert the liquid detergent guide only

To use liquid detergent (applicable models only)

after you remove the detergent drawe release lever (A). · After a wash, some liquid detergent may remain in the detergent drawer.

. Do not use the Prewash function when you use liquid detergent

Remove the liquid detergent guide when you use powder detergent

Read the instructions After reading this manual, store it in a safe place for future reference

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

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

**CAUTION** 

Before you start

Make sure all the levelling feet are seating on the floor surface to

washing machine is not rocking, tighten the nuts.

avoid the washing machine from moving or generating noise due to vibration. Then, check if the washing machine is rocking. If the

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

Do not apply powder detergent to the

Concentrated fabric softener must be

• Do not apply main-wash detergent to

diluted with water before applied.

the **89** softener compartment

compartment as instructed or

5. Close the detergent drawer

**A** CAUTION

Narnings and Important Safety Instructions in this manual do not

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

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.

• Ensure that the screws on the water supply hose connector are

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.

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

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

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

If the screws on the water supply hose connector are loose

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

esponsibility to use common sense, caution and care when installing

instructions

www.samsung.com

**⚠WARNING** 

**A** CAUTION

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 Important safety precautions

To reduce the risk of fire, electric shock, or injury to persons when using your appliance, follow basic precautions, including the the characteristics of your washing machine may differ slightly from 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 (\*): Woollen bedding, rain covers, fishing vests, ski pants, sleeping ags, diaper covers, sweat suits, and bicycle, motor cycle and car Do not wash thick or hard mats even if the washing machine

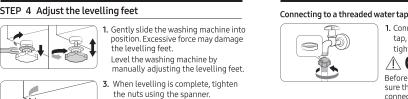
to the washing machine, walls, floor, or clothing due to Do not wash throw rugs or doormats with rubber backing The rubber backing may come off and stick to inside the drum and this may result in malfunction such as a drainage error. Oo not operate the washing machine when the detergent drawer

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

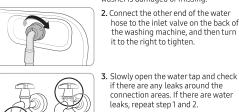
he door glass becomes hot during washing and drying. Therefore, do not touch the door glass.

Connect the water hose to the water

tap, and then turn it to the right to



CAUTION nnector. Do not use the hose if the 2. Connect the other end of the water

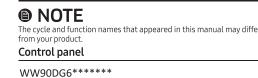


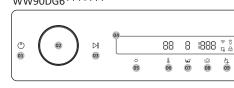
it to the right to tighten. if there are any leaks around the onnection areas. If there are wate leaks, repeat step 1 and 2.

WARNING

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 this may cause electric shock.

Operations





Tap to turn the washing machine on or off. minutes after the washing machine is turr the washing machine automatically turns o The washing machine automatically turns of **CAUTION** o not tap (1) to turn the washing machine off wh the wash cycle is in progress. Tap and hold 🕍 to

pause the cycle first, and then tap ( ) to turn the rough cycles and functions. When you turn the cycle.option, and setting).

# Safety information

witched on and off by the utility.

and that old hose-sets should not be reused.

bed and breakfast type environments

a carpet must not obstruct the openings;

Safety information

the detergent input device.

when using powdered detergent.

ingernails, etc.

in a water leak.

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

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

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

This may result in electric shock or injury.

und in skincare shops or massage clinics.

. This may cause the drum to rust

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

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

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

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

water hose (B).

Start/ Tap and hold to start or pause an operation.

07 Rinse ₩ • The indicator above the button indicates the default.

default or selected setting.

08 Spin 

• The indicator above the button indicates the

ap to enter the Options menu.

default or selected setting

y **◎** NOTE

selected cycle.

Smart Control (i) SmartThings app.

The display shows current cycle information and

stimated time initially displayed on the control

p to change the water temperature for the

The indicator above the button indicates the

ap to change the rinse count for the selected cycl

Tap to change the spin speed for the selected cycle

and hold for 3 seconds to enter the Settings

Tap and hold to enter pairing mode to connect to the

When the Smart Control function is activated,

the SmartThings app on your smartphone or tab

can control your washing machine remotely usir

Tap to activate or deactivate the Smart Control

ot press the buttons using sharp objects such as pins, knifes

t intended to be used such as:

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

Critical installation warnings 1. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons

### 5. **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance

The installation of this appliance must be performed by a qualified · Failure to do so may result in electric shock, fire, an explosion, not be supplied through an external switching device 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

problems with the appliance, or injury. ne appliance is heavy, therefore take care when lifting it. trical specifications. Use the socket for this appliance only, and

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

 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

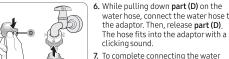
Also, do not allow children to play around the washing machine or If it hardens and accumulates inside the washing machine, it This may result in burns. or bad odours. Place socks and brassieres in a washing net and wash them with o not insert your hand into the detergent draw

This may result in injury as your hand may be caught by 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 Remove the liquid detergent guide (applicable models only) Do not use hardened detergent. • If not, water may leak through the front of the detergent drawe . 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 additiona This may result in discolouration or fabric damage Take care that children's fingers are not caught in the door when

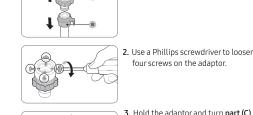
Failure to do so may result in injury To prevent odours and mould, leave the door open after a wash cycle to allow the drum to dry. revent limescale build up, leave the detergent drawer ope after a wash cycle and dry inside it



down to check if it is connected properly.

For models with an additional hot water inlet:

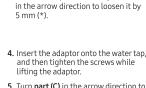
1. Remove the adaptor (A) from the hose, see 2 and 3 on the "Connecting to a threaded water tap" section. NOTE



Installation

the hose with a longer, high-pressure hose

Connecting to a non-threaded water tap



and then tighten the screws while

hose to the hot water tap.

Use a popular type of water taps. If the tap is square-shaped or too

big, remove the spacer ring before inserting the tap into the adaptor.

of the machine.

. Connect the red end of the hot water

2. Connect the other end of the hot water

hose to the hot water inlet on the back

water tap, connect the supplied check valve to the water tap and then connec the water hose

Operations

| perations                  |  |  |  |  |  |  |
|----------------------------|--|--|--|--|--|--|
|                            |  |  |  |  |  |  |
| 1 Quick<br>Drive<br>VW12DB | Tap to activate or deactivate the Quick Drive func<br>You can reduce the overall washing time of the<br>selected cycle settings. Quick Drive may not be<br>available for certain cycles. |  |  |  |  |  |
| *****TL<br>nodel only)     | <b>NOTE</b> Quick Drive is not available when the temperatur set to 90 °C.   |  |  |  |  |  |

Icon descriptions ₩i-Fi

 This icon indicates that Smart Control This icon indicates the door is locked a cannot be opened. The door locks automatically during cycle and this indicator turns on. You can open the door when this icon For more information on Child Lock, see page 47. Safety information

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

not install this appliance in a location exposed to low tempera

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

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

ot 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

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

ith the appliance.

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.

WARNING

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

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

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

er product safety issue caused by any attempt to repair the This may result in electric shock fire an explosion or problems product which does not carefully follow these repair and Never plug the power cord into a socket that is not grounded correctly and make sure that it is in accordance with local and

by an attempt to repair the product by any person other han a Samsung certified service provider will not be covered

**Installation cautions** 

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

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

 Failure to do so may result in abnormal vibrations, movement noise, or problems with the appliance Critical usage warnings

# WARNING

If the appliance is flooded, turn off the water & power supplies mediately and contact your nearest service centre Do not touch the power plug with wet hands Failure to do so may result in electric shock. If the appliance generates a strange noise, a burning smell, or smoke, unplug the power cord immediately and contact your nearest service

 Failure to do so may result in electric shock or fire In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate appliance or power cord.

## Installation

ollow these instructions carefully to ensure proper installation of the washing machine and to prevent accidents when doing laundry What's included

In a sink drain pipe branch

**CAUTION** 

**L** CAUTION

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

NOTE

Rinse Hold (No indicator): The final rinse process

suspended so that the laundry remains in the v fo unload the laundry, run a drain or spin proc

To use the Rinse Hold option, press Spin ©

epeatedly until all the Spin option indica

• No Spin (S): The drum does not spin after the fina

repeatedly until the option indicator (🕲) turi

Press this button to add additional rinse cycles.

For badly soiled laundry. The operation time for

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 c

Easy Iron is only available for the following was

SYNTHETICS, HYGIENE STEAM, SUPER SPEED, INTENSE COLD, COLORS, BEDDING

unction helps remove a wide variety of stubb

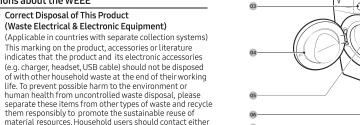
CE COTTON, CE COTTON, COTTON,

cycle is longer than normal.

Door latch (lever) (A) is originall

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

fore cleaning or performing maintenance, unplug the appliance rom the wall socket. • Failure to do so may result in electric shock or fire Instructions about the WEEE



take these items for environmentally safe recycling. Business users should contact their supplier and check the 02 Detergent drawer 03 Control pane 07 Emergency drain tube 08 Filter cover 09 Worktop

STEP 6 Power on

NOTE

28 English -

other commercial wastes for disposal. For more information on safe disposal and recycling, visit our website 10 Power plug 11 Drain hose 12 Levelling feet www.samsung.com or contact our The design of the drawer and/or the lever differs with the model.

The aqua stop hose alerts users of a risk

of water leaks. It senses the water flow

and turns red on the centre indicator

Installation



(A) in case of a leak. NOTE

nd of the agua stop hose must be fitted to the water tap and not STEP 5 Position the drain hose he drain hose can be positioned in three ways

Over the edge of a wash basir 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 i

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

Operations

— - I Ы 1 Cycle Turn the dial to select a cycle. e display shows current cycle information and imated time remaining, or an information code en a problem occurs isplay **NOTE** 

**O4 Temp.** Press to change the water temperature for the current cycle.

Control panel WW90DG5\*\*\*\*\*\*

main wash cycle. e actual wasning time may differ from the imated time initially displayed on the control You can turn on or off the sound from the washir lay End lets you set the end time of the curre machine. Please note that this setting does not af cycle. Based on your settings, the start time of the cycle will be determined by the machine's internal pelay 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 If you have a problem with the washing machine or the parts

This may result in discolouration, deformation, damage, electric

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

> · 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

> > · Rat Shutter: Six the rat shutter in the bottom of the washing

• Tap O or turn the Navigation dial to skip to the next screen.

Empty the drum, and then tap and hold **□** to start calibration

seconds to enter Settings and select Calibration.

(Android or iOS).

3 Start/ Press to start or stop operation.

Press **Power** to turn on the washing machine

Press Start/Pause again to start the new cycle.

To change the cycle during operation

Press Start/Pause to stop operation

Press Start/Pause.

Change the cycle settings (Temp. A, and Spin (3)) as necessary.

Simple steps to start WW90DG5\*\*\*\*\*\*

When calibration is complete, power turns off and then turns on

Empty drum before

[Tap O to skip]

Safety information

A spark may result in an explosion or fire

the bottom of the washing machine before using it.

hinner, alcohol or other inflammable or expl

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

nove the washing machine door lever before disposing the

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

o not open the washing machine door by force while it is operating

Water flowing out of the washing machine may result in burns o

Opening the door by force may result in damage to the appliance

Oo not turn the appliance off by unplugging the power cord while an

Plugging the power cord into the wall socket again may cause a

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

not unplug the appliance by pulling the power cord. Always grip

Damage to the power cord may cause a short-circuit, fire and/or

Do not attempt to repair, disassemble, or modify the appliance

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

Bolt caps / cap fixer

Liquid detergent quide

Bolt caps / cap fixer: For covering the holes after removing the shipping

Hose guide

cause the floor to be slippery. This may result in injury.

Do not use a ventilating fan.

This may result in electric shock.

while it is operating.

water hose

Stacking kit:

Accessories (not supplied)

This may result in injury.

Do not let children climb in or onto the appliance.

This may result in electric shock, burns or injury

he plug firmly and pull it straight out of the outlet.

# Before you start

nitial setup

Run Calibration

Turn dial & Tap O

Operations

machine to avoid rat entering.

wash cycle without any items in the drum.

NOTE efore doing your laundry for the first time, you must run a complete

 Care Label: Sort the laundry into cottons, mixed fibres, synthetic shows the initial setup process. Follow the on-screen instructions to

the washing performance. Initial setup will not repeat after you've finalized it. In order to finalize the initial setup, you must run a wash cycle at least once. · The initial setup includes language selection, calibration, and a

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

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

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 strin

STEP 3 Use a laundry net Brassieres (machine washable) must be placed in a laundry net

• Small, light clothing such as socks, gloves, stockings, and

 Bubble Soak is only available for the followir STEAM, SUPER SPEED, BEDDING connect to the SmartThings app. Smart Control a

• When the Smart Control function is active can control your washing machine remote can control with the control of the control o the SmartThings app on your smartphone or to Press to turn on/off the washing machine.

1. Tap () to turn on the washing machine

For more information on Cycle overview, see page 40. 3. Tap ∅, ⋈, or ⊙ to change the default cycle settings. 4. Tap (14), and then turn the Navigation dial to select additional

For more information on Options, see page 5. Tap O to change the settings for selected additional function.

· This may result in electric shock or fire. Do not let children (or pets) play in or on your washing machin children may be seriously injured if trapped inside.

Do not use a fuse (such as copper, steel wire, etc.) other than a

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

Jnplug the power cord when the appliance is not being used for lon

If any foreign substance enters into the appliance, unplug the pow

**CAUTION** 

Usage cautions

such as detergent, dirt, food waste, etc., unplug the power cord and the washing machine using a damp, soft cloth

the appliance, unplug the power cord.

Failure to do so may result in electric shock or fire

eriods of time or during a thunder or lightning storm

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

cord and contact your nearest Samsung Customer Service

The front glass may be broken by a strong impact. Take care when using the washing machine.

· Failure to do so may result in discolouration, deformation, damage

 If the glass is broken, it may result in injury. Open the water tap slowly after a long period of non-use, water supply failure, or when reconnecting the water supply hose.

Installation Installation requirements

rounded outlet.

lines, or hot water pipes.

Improperly connected

cause electric shock.

Electrical supply Water supply and grounding Use an individual brance kPa and 800 kPa. Water pressure water valve to not close

Water taps must be within 1 ure about the grounding. Γο reduce the risk of leaks

to fill the drum, causing the

washing machine to turn o

washing machine is not in use **∆WARNING**  Check for any leaks at the Do NOT use an extension cord. Use only the power cord that omes with the washing **A** CAUTION

wire to plastic plumbing, gas valve and taps for any leak

Laundry guidelines STEP 1 Sort Sort the laundry according to these criteria:

 colour: Separate whites from colours. Size: Mixing different sized items together in the drum improve

Sensitivity: Wash delicate items separately using an Easy Iro

NOTE are to check the care label on the clothing, and sort the Initial setup includes the calibration process which comes after the language selection. You must proceed calibration before using th

> • Metal objects such as coins, pins, and buckles on clothing may damage other laundry items as well as the drum

 Clothing with long strings may become entangled with other clothes. Make sure to tie the strings before starting the wash

Metal parts of the brassieres may break through and tear othe

30 English ----

Operating a cycle WW90DG6\*\*\*\*\*

05 06 07 08 09

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

Not all cycles have additional functions available. . Tap and hold \( \bigcirc\) Ito start operation.

Once you set the cycle you want, the screen displays a brie cycle description, maximum laundry load, and cycle time. You can also check the cycle progress, remaining cycle time, and

You must first log into SmartThings with your Samsung account. To create a new Samsung account, follow the instructions on the app You don't need a separate app to create your account. NOTE

sung account, use the account to log in. A registered Samsung smartphone or tablet user automatically logs in. To register your appliance to SmartThings

network. If not, go to Settings and turn on the wireless connection 2. Open SmartThings on your smartphone or table 3. If a message of "A new device is found.", select Add

4. If no message appears, select + and select your appliance in a of devices available. If your appliance is not listed, select **Device Type** Specific Device Model, and then add your appliance manually.  $\textbf{5.} \ \ \mathsf{Register} \ \mathsf{your} \ \mathsf{appliance} \ \mathsf{to} \ \mathsf{the} \ \mathsf{SmartThings} \ \mathsf{app} \ \mathsf{as} \ \mathsf{follows}.$ 

a. Add your appliance to SmartThings. Make sure your appliance i connected to SmartThings. smartphone or tablet.

# **Troubleshooting**

| Problem                                       | Action   |
|---|--|
| Fills with the<br>wrong water<br>temperature. | <ul> <li>Disconnect the hoses and clean the mesh filter. The mesh filter may be clogged.</li> <li>While the washing machine filts, the water temperature may change as the automatic temperature control feature checks incoming water temperature. This is normal.</li> <li>While the washing machine filts, you may notice just hot and/or just cold water going through the dispenser when cold or warm temperatures are selected. This is a normal function of the automatic temperature control feature as the washing machine determines the water temperature.</li> </ul> |
| Load is wet at<br>the end of a<br>cycle.      | 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. Make sure the drain hose is not kinked or clogged.   |
| Leaks water.                                  | Make sure the door is properly closed. Make sure all hose connections are tight. 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 oversudsing. Check the drain hose. Make sure the end of the drain hose is not placed on the floor. Make sure the drain hose is not clogged. Check if there is something stuck between the door and the diaphragm.   |

| Code | le Action   |  |  |  |  |  |  |  |
|------|---|--|--|--|--|--|--|--|
| UC   | Check the pulsator motor for operation.  • Check if power is supplied properly.  • If the information code remains, contact a customer service centre.  |  |  |  |  |  |  |  |
| UC . | Low voltage detected.  • Check if the power cord is plugged in.  • If the information code remains, contact a customer service centre.  |  |  |  |  |  |  |  |
| 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.  |  |  |  |  |  |  |  |
| 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.  |  |  |  |  |  |  |  |
| 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 inverter PBAs.  • Depending on the state, the machine may automatically returns to normal operation.  • Turn the machine off, and restart the cycle.  • If the information code remains, contact a customer service centre. |  |  |  |  |  |  |  |
| 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.   |  |  |  |  |  |  |  |

ınderwear, towels, or shir or energy saving, the actua olvester (diolen, trevira) olyamide (perlon, nylon), For best results, wash only type of bedding. care and bacteria elimin

## Operations Open Source Announcement

oftware included in this product contains open source softwar You may obtain the complete corresponding source code for a period our support team via http://opensource.samsung.com (Please use the It is also possible to obtain the complete corresponding of

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

### NOTE When Wi-Fi is activated, the energy consumption increases in

comparison to the values specified in the indicative information.

# Troubleshooting

| Problem   | Action   | Information   | codes   |  |  |
|---|--|---|---|--|--|
| Leaks water.  | If there is something stuck between the door<br>and the diaphragm, it may cause a leak or<br>damage to the diaphragm.  | code on the scree   | chine fails to operate, you may see an information en. Check the table below and try the suggestions.   |  |  |
| 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   | Action  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 clo   |  |  |
| No bubbles are<br>seen (Bubble<br>models only).                               | You may not be able to see bubbles if there is too<br>much items in the drum.     Severely contaminated laundry may not<br>generate bubbles.   |   | Make sure the drain hose is straightened all the way to the drain system.      If the information code remains, contact a customer service centre.  |  |  |
| A message<br>appears on the<br>display to alert<br>that dispenser<br>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 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   |  |  |
| Increased time of washing.  | The actual washing time may differ from the<br>estimated time initially displayed on the control<br>panel upon cycle selection.  | Check water supply faucets  | 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.   |  |  |
| Stains on the clothes.  | Do not pour fabric softener directly onto your<br>clothes. Applying it directly to clothing can leave<br>stains (for example, oily spots or ingrained dirt)<br>that might be difficult to remove.                      | and restart   | 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 restar message appears, the machine drains water for minutes. In the meantime, the Power button wil |  |  |
|   |  | Please connect<br>the hot/cold<br>water hose<br>connection<br>correctly | <ul> <li>Make sure the cold water supply hose is firmly<br/>connected to the cold water tap. If it is connected<br/>to the hot water tap, the laundry may be deformed<br/>with some cycles.</li> </ul>  |  |  |

# **Specifications**

|           | ving symbols provide garment  | Bleachin | ng  |
|-----------|---|----------|---|
| nclude sy | tion. The Clothing care labels<br>mbols for drying, bleaching,<br>d ironing, or dry cleaning when | Δ        | Any bleach allowed.   |
| onsisteń  | The use of symbols ensures cy among garment manufacturers   | Δ        | Only oxygen bleach allowed.   |
| are label | cic and imported items. Follow<br>directions to maximize garment<br>duce laundering problems.     | ×        | Do not bleach.  |
| Washing   |   | Drying   |   |
| 95        | 95 °C normal wash.  | <u></u>  | Tumble drying / normal temperture ,<br>maximum exhaust temperatue 80 °C |
| 60        | 60 °C normal wash.  | 0        | Tumble drying / lower temperature /<br>maximum exhaust temperature 60 % |
| 60        | 60 °C mild wash.  | 1801     | Do not tumble dry   |
| 40        | 40 °C normal wash.  |          | Line drying.  |
| 40        | 40 °C mild wash.  |          | Drip line drying.   |
| 40        | 40 °C very mild wash.   |          | Flat drying.  |
| 30        | 30 °C normal wash.  |          | Drip flat drying.   |
| <u>30</u> | 30 °C mild wash.  |          | Line drying in the shade.   |
| 30        | 30 °C very mild wash.   | 1        | Drip line drying in the shade.  |
| May May   | Hand wash.  |          | Flat drying in the shade.   |
| 127       | Do not wash.  |          | Drip flat drying in the shade.  |

NOTE

The lines indicate the type and place of the dryer.

### Operations

| ycle          | Description  | Max<br>load(kg) | WW90DG6***** | WW90DG5****** |
|---------------|--|-----------------|--------------|---------------|
| ol/<br>icates | Specific for machine-washible wool and delicates fabrics such as sheer fabrics, bras, lingerie (silk), and other handwash-only fabrics.     The WOOL/DELICATED cycle features gentle cradling and soaking to protect fibres from shrinkage / distortion.     A neutral detergent and liquid detergent isrecommended. | 2               | •            | •             |
| tdoor         | <ul> <li>For outdoor clothes, skiwear,<br/>and sportswear that are made<br/>of functional materials such as<br/>spandex, stretch, and micro-fibre.</li> </ul>  | 2               | •            |               |
| vewear        | <ul> <li>For exercise wear such as sports<br/>jerseys, training pants, shirts/<br/>tops and other performance<br/>clothing. This cycle provides<br/>effective soil removal with<br/>controlled drum rotation for<br/>special fabric care.</li> </ul>   | 2               | •            |               |
| lors          | <ul> <li>Featuring additional rinses and<br/>reduced spinning to ensure<br/>that the laundry is washed<br/>gently and rinsed thoroughly.</li> </ul>  | 4               | •            | •             |
| ans /<br>nim  | Featuring a higher water level<br>in the main wash and an extra<br>rinse cycle to ensure that no<br>powder detergent remains.  | 3               | •            |               |
| y Care        | Featuring a high-temperature<br>wash and extra rinses to help<br>remove the remaining<br>detergent effectively.  | 4               | •            |               |

# Maintenance

Keep the washing machine clean to prevent deteriorated performance Drum Clean+/Drum Clean

> from it. This cycle heats the water between 60 °C and 70 °C, and it also noves accumulated dirt from the rubber door gasket

 To prevent limescale, add the proper amount of detergent according to your local water hardness or add a water softene additive together with the detergent

to run the Drum Clean+/Drum Clean cycle. The Drum Clean+/Drum Clean reminder blinks on the control pane

· When you first see this reminder blinking, you can ignore the reminder for 6 consecutive washes. From the 7th wash, the reminder o longer appears. However, it appears again on the second 40<sup>th</sup>

complete" message may remain

It is recommended to run the cycle regularly for hygienic purposes

# Troubleshooting

symbol indicates a milder

treatment (e.g. gentle cycle fo

easy- care items). The double

line indicates care levels with particularly gentle treatment

| •  | •   | _  | • | _   | •   | _ | • | • | _  | _   | ٠. | • | • |
|----|-----|----|---|-----|-----|---|---|---|----|-----|----|---|---|
| :  | _   |    |   |     |     |   |   |   |    |     |    |   |   |
| II | 1t  | 10 | m | at  | :10 | n | C | 0 | ЗE | es: |    |   |   |
|    | . 1 |    |   | 1.3 |     |   | - |   |    |     |    |   |   |

| Code  | Action  |
|---|---|
| Clean drain<br>filter   | Water is not draining.  Make sure the drain hose is not frozen or clogge 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<br>supply faucets<br>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 hoses 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 restar message appears, the machine drains water for minutes. In the meantime, the Power button wilb ed disabled. |
| Please connect<br>the hot/cold<br>water hose<br>connection<br>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.  |

NOTE

| ric   | care chart  |             |  | _      | Ironing                       |  |           |  |
|---|---|-------------|--|--------|-------------------------------|--|-----------|--|
| ollowing symbols provide garment<br>direction. The Clothing care labels<br>de symbols for drying, bleaching,<br>g and ironing, or dry cleaning when |   |             |  |        | _                             | Iron at maximum sole                           |           | Professional dry-<br>cleaning in                         |
|   |   | $\triangle$ | Any bleach allowed.  |        |                               | plate temperature of 200°C.                    | F         | hydrocarbons (heavy<br>benzines) with normal             |
| steń  | The use of symbols ensures cy among garment manufacturers                               |             | Only oxygen bleach allowed.  |        | Ţ,                            | Iron at maximum sole plate temperature of      |           | process.   |
| abel  | cic and imported items. Follow directions to maximize garment duce laundering problems. | ×           | Do not bleach.   |        |                               | 150°C.   |           | Professional dry-<br>cleaning in                         |
| 31  |   | Drying      |  | т<br>т | æ                             | plate temperature of 110°C.                    | <u>E</u>  | hydrocarbons (heavy<br>benzines) with gentle<br>process. |
| <u> </u>  | 95 °C normal wash.  | <b>O</b>    | Tumble drying / normal temperture /<br>maximum exhaust temperatue 80 °C. |        |                               | Caution when using steam irons (work           | Ø         | Do not dry-clean.  |
| <u> </u>  | 60 °C normal wash.  | $\odot$     | Tumble drying / lower temperature /                                      |        |                               | without steam).                                | $\bowtie$ | ,  |
| <u> </u>  | 60 °C mild wash.  |             | maximum exhaust temperature 60 °C  Do not tumble dry                     |        | $\bowtie$                     | Do not iron.                                   | W         | Professional wet-cleaning.                               |
| <u> </u>  | 40 °C normal wash.  |             | Line drying.   |        | ® N                           | OTF  | <u>w</u>  | Mild professional  |
| <u> </u>  | 40 °C mild wash.  |             | Drip line drying.  | +      |                               | ndicate the temperature                        | _         | wet-cleaning.  |
| <u> </u>  | 40 °C very mild wash.   |             | Flat drying.   |        |                               | rironing (regulator,<br>evel irons and ironing | <u> </u>  | Very mild professional<br>wet-cleaning.                  |
| 7   | 30 °C normal wash.  |             | Drip flat drying.  |        | machines<br><b>Professi</b> o | ).<br>onal care                                | M         | Do not wet-clean.  |
| <u> </u>  | 30 °C mild wash.  |             | Line drying in the shade.  | '      | 10103310                      | Professional dry-                              | N         | OTF  |
| 7   | 30 °C very mild wash.   | 1           | Drip line drying in the shade.   |        | P                             | cleaning in perchloroethylene                  | • The let | ters in a circle indicate                                |
| Ŋ   | Hand wash.  |             | Flat drying in the shade.  |        |                               | and/or hydrocarbons<br>(heavy benzines) with   |           | vents (P, F) used in dry<br>g or wet cleaning (W).       |
| 1   | Do not wash.  | 目           | Drip flat drying in the shade.   |        |                               | normal process.                                | • Genera  | lly, the line under the                                  |

## Operations

| Cycle  | Description   | Max<br>load(kg) | WW90DG6***** | WW90DG5** |
|--|---|-----------------|--------------|-----------|
| Silent<br>Wash                                   | <ul> <li>For reducing operating noise and vibration.</li> </ul>   | 4               | •            |           |
| Cloudy<br>Day                                    | <ul> <li>For optimum spin drying at high<br/>humid condition.</li> </ul>  | Max             | •            |           |
| Rinse+<br>Spin                                   | <ul> <li>Featuring an additional rinse<br/>process after applying fabric<br/>softener to the laundry.</li> </ul>  | Max             | •            | •         |
| Drain/<br>Spin                                   | <ul> <li>For draining the water inside<br/>the drum and running an<br/>additional spin process to<br/>effectively remove moisture<br/>from laundry.</li> </ul>  | Max             | •            |           |
| Drum<br>Clean+<br>(applicable<br>models<br>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<br>Clean<br>(applicable<br>models<br>only)  | Cleans the drum by removing dirt and bacteria from it. Perform once every 40 washes with no detergent or bleach applied. Notification 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.                      |                 | •            |           |

# Maintenance

case of a power failure, drain the water inside the drum befor

1. Power off and unplug the washir

2. Open the filter cover (A).

machine from the electrical outlet.

TYPE 1: Gently press the top area

of the **filter cover (A)** to open.

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

the spanner provided in accessorie

ontainer while holding the

4. Open the tube cap and let water in the

emergency drain tube (C) flow into

When done close the tube can and

reinsert the tube. Then, close the

NOTE

ing does not work.

stable surface.

Restart after spinning.

Try restarting the cycle.

ry restarting the cycle.

Specifications

Specification sheet

NOTE

Protecting the environment

Check the drain hose

ce sure the washing machine is on a flat,

a "Redistribute unbalanced load and restart

Make sure laundry is not caught in the doo

• Make sure the door is properly closed

Action

If the information code remains on the display, contact

If the information code remains, contact a customer

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.

Save water and electricity by only washing full loads (the exact)

• Use stain removal products and bleaches before the wash cycle only when necessary.

The design and specifications are subject to change without notice for quality improvement purposes.

The energy label specifications have been determined by using the

The dimensions stated here may differ slightly from the actual measurements depending on the measuring method.

Front loading washing mach

9.0 kg

1900-2300 W

· Make sure the drain hose is not clogged

Emergency drain

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

Drum Clean+/Drum Clean reminder

Drum Clean regularly.

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

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

# water in the drum may be more than

### **Operations**

cycles: Cotton, Super Speed, Synthetics, Towels, Bedding, Shirts

Add or remove cycles to create a personal cycle list.

3. Turn the Navigation dial to select a desired cycle

You can also edit My Cycles in the SmartThings app.

washing machine is not operating.

4. Tap O to add or remove the selected cycle.

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

Addition and removal of the course is saved automatically.

5. Once you finish creating My Cycles, tap 🔄 to return to the cycles

The Drum Clean+/Drum Clean cycles cannot be removed from the

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

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

spring makes a rattling sound, which is normal.

Hygiene Steam, Activewear, Jeans / Denim, Baby Care, Silent Wash,

**Bubble Soak** 

My Cycles

his function helps remove a wide variety of stubborn stains. Wit Using Options Bubble Soak selected, laundry is thoroughly soaked in water bubbles 1. Select a cycle and change the cycle settings as necessary

1. Tap 🖳 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. 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

• To return to the main screen, tap 🖱 again or turn the Navigation dial

to select **Back** and tap **O**. If the selected function is not supported, the "Currently not **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 1. Select a cycle and change the cycle settings as necessary.

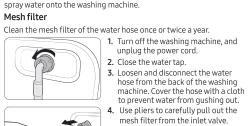
3. Turn the Navigation dial to select Intensive, and then tap C

Cleaning

Maintenance

NOTE

Debris filter Surface of the washing machine It is advisable to clean the debris filter every 2 months to prevent its se a soft cloth with a nonabrasive household detergent. Do not clogging. A clogged debris filter may reduce the bubble effect.



water so that the threaded connector is also submerged.

6. Dry the mesh filter completely in the 7. Reinsert the mesh filter into the inlet valve, and reconnect the water ose to the inlet valve. 8. Open the water tap.

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.

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

commercial purpose or Public places like Hotels, training centers and

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

**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.

animals or insects.

**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.

other similar applications.

gged, an information code of "Check wate supply faucets and restart" appears on the screen.

NOTE

display after every 100 washes 1. Turn off the washing machine, and If the pump filter is clogged, an information code of "Clean drain" unplug the power cord. 2. Drain the remaining water inside the **⚠ CAUTION** drum. See the **Emergency drain** section.

3. Open the filter cover. Make sure the filter knob is closed properly after cleaning the filter. the filter cover to open. Open the **filter cover (A)** by using this may cause an operational failure or a leak. the spanner provided in acce 4. Turn the debris filter knob to the left

SAMSUNG

Warranty Card (Only Applicable to India)

Proof of purchase is a pre-requisite to claim warranty

literature/instruction booklet.

odel No:\_\_\_

ame: \_\_\_\_\_

Product Serial No:\_\_

ddress in Full: \_\_\_\_\_

elephone No.: \_\_\_\_\_

ealer Name & Address :\_\_

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

The product should have been purchased from an authorised Samsung Sales Dealer in India

. Samsung shall be free to decide on whether or not to provide a software update for its products.

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.

23. This warranty covers repair/replacement of parts.

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

26. No warranty on certain parts/conditions/types of product failures.

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

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

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

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

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

and drain off the remaining wate (A) inside the drawer, slide open the 5. Clean the debris filter using a soft brush drawer. the waste bin. 2. Remove the release lever and the

drain pump propeller inside the filte liquid detergent guide from the Reinsert the debris filter, and turn the 3. Clean the drawer components in

flowing water using a soft brush. NOTE knob that is designed to prevent accidents by children. To open the safety knob of the debris filter, bus

# Operations

The washing machine door also locks.

"Child Lock On" message.

. Tap and hold 🔄 for 3 seconds

Using Setting:

Al Pattern

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

You cannot open the door after a wash cycle when the Child Lock is or

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

2. Turn the Navigation dial and select the desired system setting, and

the function on, the washing machine remembers the cycles you use

nost and their settings (Temp., Rinse, Spin) and displays them in

You can set the washing machine to finish your wash automatically at vashing machine, Child Lock locks all buttons except for 🖰 and দ\_. a later time, choosing a delay of between 1 to 24 hours (in 1 hour or 10 minutes increments). The hour displayed indicates the time the wash

**2.** Turn the **Navigation dial** to select **Child Lock**, and then tap  $\mathbf{O}$ . 1. Select a cycle and change the cycle settings as necessary Tap O to select On or Off. **2.** Tap (♣. The Child Lock 🖯 icon turns on when the function is o

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

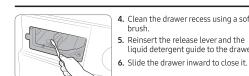
5. Tap and hold . drum to sense the weight of the load (if load sensing is preset for the selected cycle). When load sensing is complete, the display To cancel Delay End, tap () to restart the washing machine.

add 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 machine starts operating at 3:00 p.m., and ends at 5:00 p.m. Provided below is the time line for this example.

2:00 pm

Tap O to change or run the selected setting NOTE to select **Back** and tap **O**.

# Maintenance



liquid detergent guide to the drawer 6. Slide the drawer inward to close it. NOTE

o remove remaining detergent, perform the Rinse+Spin cycle with Defrosting your washing machine

ning machine may freeze when it drops below 0 ° Turn off the washing machine, and unplug the power cord. . Pour warm water over the water tap to loosen the water hose.

f the washing machine still doesn't operate normally, repeat the above steps until it operates normally

Care against an extended time of disuse

his is the case, drain the washing machine and unplug the power cord. . Turn the Navigation dial to select Rinse+Spin. 3. When the cycle is complete, close the water tap and disconnect

4. Turn off the washing machine, and unplug the power cord. 5. Open the door to let air circulate through the drum.

3. Disconnect the water hose and soak it in warm water Pour warm water into the drum and leave it for about 10 minutes 5. Reconnect the water hose to the water tap.

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

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

Free installation or demo of the product, if applicable, can be availed only once and within 6month from the date of purchase. In cas

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 warrant

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

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

20. Defects arising out of the following are not covered under warranty like Mishandling/Misuse,Improper ventilation, Improper 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

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 custom

Dealer 's Signature with rubber stamp

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

roduct. Under no circumstances shall Samsung be liable for any loss, cost, expense, inconvenience or damage exceeding

While carrying out repair, Samsung may use accessories or parts that are new or refurbished or reconditioned

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

### Make sure the door is properly closed Make sure the water supply hose is not froze Make sure the water supply hose is not kinked insufficient, or Make sure that the cold water tap and the hot water tap are properly connected.

Tap and hold 犇 for 3 seconds.

Tap O to select On or Off.

1. Tap and hold 🖰 for 3 seconds.

Tap O to select On or Off.

1. Tap and hold of for 3 seconds.

**Troubleshooting** 

Checkpoints

screen and follow the on-screen instructions

table below and try these suggestions.

NOTE

Calibration

2. Turn the Navigation dial to select AI Pattern, and then tap 🔾.

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

2. 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

3. When calibration is complete, the "Calibration complete" message

appears on the display and the washing machine turns off

If there is any problem, check the information message on the LCD

Action

Make sure the door is properly closed.

Make sure Child Lock is not activated.

Check the fuse or reset the circuit breake

Check if the power cord is plugged in

Clean the mesh filter as it may be clogged

Make sure laundry is not caught in the door

Check if power is supplied properly.

Make sure the water taps are open.

lock and will do quick drain

Make sure the washing machine is plugged

Tap and hold ▷II to start the washing machin

f the problem persists, please contact the service center

The drum rotates clockwise and anticlockwise for about 3 minute

The default setting is On. Set it to Off if you do not want to use

Operations

Language

Factory Reset

You can turn the washing machine's Wi-Fi on or off 1. Tap and hold for 3 seconds. 2. Turn the Navigation dial to select Wi-Fi, and then tap O

the router through the Wi-Fi connection

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

3. Turn the Navigation dial to select the desired language, and then

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

Action

Make sure the detergent is added to the centre

Make sure the rinse cap is inserted properly

If using granular detergent, make sure the detergent selector is in the upper position.

Remove the rinse cap and clean the detergent

level solid floor that is not slippery. If the floor

Make sure the washing machine is not in contact

veralls or clothes with metallic decorations or

Metal objects such as coins can cause noise. Afte

Redistribute the load. If only one item of clothin

and a "Redistribute unbalanced load and restar

(Only Applicable to India

Make sure the shipping bolts are remove.

The motor can cause noise during normal operation.

Make sure the laundry load is balanc

with any other object.

problem, call for service.

Your washing machine resets to the factory setting.

You can change the system language.

Tap and hold factor for 3 seconds.

You can reset the washing machine

1. Tap and hold 🔄 for 3 seconds.

Tap O to select On or Off. The washing machine's Wi-Fi is off as a factory default sett However, the washing machine's Wi-Fi turns on automatica when you turn on the washing machine for the first time. Then

the final Wi-Fi setting maintains regardless of the washing 3. Tap and hold n. machine power status.

 The washing machine enters AP mode and connects to you Once you turn on the washing machine's Wi-Fi and connect to network, the washing machine remains connected to the network even when you turn off the power.

b. Tap î to authenticate your washing machine c. Once the authentication process is complete, your washing The Wi-Fi 🤝 indicates that the washing machine is connected t machine is successfully connected to the app.

### You can use various features available in the SmartThings ap NOTE

special features

mart Control (applicable models only)

Connecting your washing machine

2. Tap (') to turn on the washing machine

tablet (Android & iOS).

You can connect to the SmartThings app and control your washing

Download and open the SmartThings app on your smartphone or

Check your router if you experience any Internet connection probler

• If the Wi-Fi is off, tap and hold far for 3 seconds to enter the **Settings** menu, and select Wi-Fi to turn it on. On your smartphone or tablet, go to **Settings** and turn on the wirele Turning the washing machine's Wi-Fi on allows you connect to th

washing machine via SmartThings app on your smartphone or table ardless of the power status of the washing machine. However, th ashing 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 If you use your washing machine for a while without connecting it to the SmartThings app, a pop-up message about Smart Control w

show for 3 seconds. 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.

connection and select an AP (Access Point)

Operations

completing a cycle.

NOTE

door remains closed.

whether you are at home or away.

 This appliance supports the Wi-Fi 2.4 GHz protoco Galaxy Apps) find the SmartThings app with a search term of

SmartThings". Download and install the app on your device. NOTE

54 English -

pp is subject to change without notice for improved performand

Reduce the detergent amount for soft water

Make sure the remaining amount of deterge

Check the fuse or reset the circuit breaker

Close the door, and tap and hold **>I** to start t

washing machine. For your safety, the wash machine will not tumble or spin unless the

here may be a pause or soak period in t

Wait briefly, and the washing machine may st

Make sure the mesh filter of the water suppl

If the washing machine is not supplied wi

sufficient power, the washing machine will temporarily not drain or spin. As soon as the

vashing machine regains sufficient power, i

Make sure the temperature selection is corr

Make sure the water heater is set to suppl

lock and will do guick drain.

and fabric softener is not over the limit.

small loads, or lightly soiled loads.

Smart Control turned on at the end of a cycle. Your washing machin stays connected to the app so you can send additional instructions,

1. If you turn on the Stay Connect function on the SmartThings ap

the washing machine will stay in standby power saving mode afte

Lock, and Wi-Fi icons are illuminated on your washing machine displa

3. You can conveniently control your washing machine, adding rinse,

The washing machine switches to standby power saving mode who

In some circumstances, only the Door Lock icon may be illuminated

spin or dry cycles using the SmartThings app.

# Troubleshooting

| Problem                        | Action   |
|--------------------------------|--|
| Does not drain<br>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 dra system 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 w operate normally.      Make sure the drain hose is positioned correcting depending on the connection type.     Clean the debris filter as it may be clogged. |
| The door does<br>not open.     | <ul> <li>Tap and hold   It ostop the washing machine.</li> <li>It may take a few moments for the door lock mechanism to disengage.</li> <li>The door will not open until 3 minutes after th washing machine has stopped or the power habeen off.</li> <li>Make sure all the water in the drum is drained</li> <li>The door may not open if water remains in the drum. Drain the drum and open the door manua</li> <li>Make sure the door lock light is off. The door lot light turns off after the washing machine has drained.</li> </ul>   |
| Excessive suds.                | <ul> <li>Make sure you use the recommended types of<br/>detergent as appropriate.</li> <li>Use high efficiency (HE) detergent to prevent<br/>oversudsing.</li> </ul>   |

minimum of 49°C hot water at the tap. Als check the water heater capacity and recovery

# **SAMSUNG**

### 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 complaint falls in any of these categories or not shall be binding on the Purchase

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 usage as permitted within the product instruction manua

f 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 by household pets, rats, cockroaches, ants, pests, fungi or any other animal/birds/insects efects caused due to negligence/omission of the Purchaser on account of periodic maintenance(s)/periodic servicing as

mentioned in the instruction manual of the product. Defects caused due to usage of third party material/non Samsung Authorized Consumables

Any modifications, including but not limited to, rooting attempts, reverse engineering, unlocking, jail-breaking etc. of the original firmware(s) or software(s) of the product Repair due to misuse/third party repair attempts are not covered in warranty.

Warranty does not cover repair due to external factors/mediums/data types. Warranty shall apply only if the product is used as per its usage specifications (ex: personal, commercial etc.)

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

roduct Group Product Description Warranty Period (Months) Parts/Accessory Warranty(if applicable) AC Motor : 120 months # Digital Inverter Motor : 240 months # 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

5 Months from date of purchase or 12 months from installation, whichever ends early, \*\*12 Months from date of commissioning a 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)

For more information on safe disposal and recycling visit our website or contact number SAMSUNG INDIA ELECTRONICS PRIVATE LIMITED Registered Address:6th Floor, DLF Centre, Sansad Marg, New Delhi-110001, Visit: www. samsung.com/in

s marking on the product, accessories or literature indicates that the electronic accessories (e.g. charger, headset, and USB cable) buld not be dispose with other household waste at the end of their working life.

Samsung Helpline - Call: 1800 40 7267864 (1800 40 SAMSUNG) / 1800 5 7267864 (1800 5 SAMSUNG) QUESTIONS OR COMMENTS?

| COUNTRY | CALL   | OR VISIT US ONLINE AT      |
|---------|--|----------------------------|
| INDIA   | 1800 40 SAMSUNG (1800 40 7267864)<br>(Toll-Free) | www.samsung.com/in/support |
| INDIA   | 1800 5 SAMSUNG (1800 5 7267864)                  | www.samsung.com/m/support  |
|         | (Toll-Free)                                      |                            |

This product is RoHS compliant.