

User Manual



Coffee machine **Curtis Genesis**

English

01.03.03

Safety instructions

	WARNING Risk of fire or electric shock. Do not open.	
<p>WARNING, to reduce the risk of fire or electric shock, do not remove cover (or back), no user-serviceable parts inside, repair should be done by authorized service personnel only.</p>		

(33 1453 5000)



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of fire or electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this User Manual.



Do not use the machine if it is not working properly or if it is damaged.



Never alter built-in safety devices.



Ensure that there is always a receptacle under the outlet when dispensing hot beverages to avoid scalding.



Do not touch hot machine components.



Never reach into the coffee grinder.

-  Before cleaning the operating panel, switch off the coffee machine or use the CleanLock function in order to prevent a beverage from being dispensing accidentally.
-  Never reach under the spouts while system cleaning.
-  Do not reach into the bean hopper or the brewing unit opening when the Coffee Machine is switched on to avoid bruising or crushing when handling moving parts.

Congratulations on the purchase of your Curtis coffee machine.

The Curtis Genesis coffee machine is a fully automatic single-cup machine for filter coffee and hot water.



Follow the User Manual



- > Read the User Manual carefully prior to use.
 - > Please refer to the User Manual, paying special attention to the safety instructions and Safety chapter.
 - > Follow the warning instructions on the coffee machine.
 - > Ensure that the staff and all users have access to the User Manual.
-



Hazard to life due to electrical shock



- The voltage inside the coffee machine is a hazard to life.
 - > Never open the housing.
 - > Never loosen the screws, and do not remove any housing parts.
-



Conditions for use and installation

- In the event of failure to comply with maintenance information and the specifications in the Technical Data chapter, no liability is accepted for any resultant damage.
 - > Follow the User Manual.
 - > Maintenance and repairs may only be carried out by the Curtis Service, using original spare parts.
-

CAUTION

Follow the User Manual signs and symbols
page 22

Follow the Safety chapter
▷ starting on page 5

WARNING

Follow the Safety chapter
▷ starting on page 5

IMPORTANT

Technical data
▷ starting on page 82

Maintenance
▷ starting on page 71

1 Safety



Misuse

- Failure to follow the safety instructions can result in death or serious injury.
 - > Follow all the safety instructions.
-

 **WARNING**

1.1 General safety instructions

Hazards to the operator

At Curtis, safety is one of the most essential product features. The effectiveness of safety devices can only be ensured if the following points are observed:



- > Read the User Manual carefully prior to use.



- > Do not touch hot machine components.



- > Do not use the coffee machine if it is not working properly or if it is damaged.
- > Use the coffee machine only when it is completely assembled.

 **CAUTION**



> Built-in safety devices must never be altered.



> This device can be used by children of age 8 years or older while under



continuous supervision, as well as by persons with reduced physical, sensory, or mental capabilities or lack of experience or knowledge, once they have been instructed in the safe use of the machine and the risks associated with it.

> Children must not play with the device.

> Cleaning and user maintenance must not be performed by children.

 **CAUTION**

A coffee machine poses a potential for hazard when correctly used, despite the use of safety devices. Please observe the following instructions when using the coffee machine to prevent injury and health hazards:



Hazard to life due to electrical shock

 **WARNING**



- The voltage inside the coffee machine is a hazard to life.
 - > Never open the housing.
 - > Never loosen the screws, and do not remove any housing parts.
 - > Avoid damage to the power cord. Do not kink or crush it.
 - > Never use a damaged power cord. A damaged power cord must be replaced by the manufacturer or a service representative in order to prevent a hazard.
 - > Never immerse the mains plug in water or other liquids. Never pour water or other liquids over the mains plug. Always keeps the mains plug dry.
 - > Do not unplug the equipment's plug on the rear of the coffee machine until the power cord has been unplugged from the mains.
 - > The coffee machine must be disconnected from the power supply prior to maintenance and repair work. Pull out the plug to do so. The person performing the maintenance or repair must always be able to check, with a clear line of sight, that the power supply has been disconnected.
-



Burn hazard / scalding hazard



- When dispensing beverages, hot liquid comes out of the spouts.



The adjacent surfaces and spouts become hot.

- Hot water may escape from the outlets in the heating-up phase.
 - > When dispensing beverages do not reach beneath the spouts.
 - > Do not reach beneath the spouts during the heating-up phase.
 - > Do not touch the spouts immediately after dispensing.
 - > Always place an appropriate cup under the spout before dispensing a beverage.
-

 **CAUTION**



Risk of injury

- Long hair could become caught in the grinder head and drawn into the coffee machine.
- > Always protect hair with a hairnet.
-

 **CAUTION**

Bruising or crushing hazard / risk of injury

- The coffee machine contains moving parts that can cause finger or hand injury.
 - Closing the operating panel can cause a crushing hazard.
- > Always switch off the coffee machine and unplug the mains plug before reaching into the coffee grinder or the opening of the brewing unit.
- > Carefully and gently close the operating panel.
-

 **CAUTION**



Health hazard

- > Only use products that are suitable for consumption and for use with the coffee machine.
 - > The bean hopper and the manual insert may only be filled with materials for the use intended.
-

 **CAUTION**



Health hazard

- The cleaning tablets are irritants.
 - > Follow the protective measures on the packaging of the cleaning agent.
 - > Only put in a cleaning tablet when an appropriate message is displayed.
-

 **CAUTION**



Health hazard / irritation and scalding hazard

⚠ CAUTION



- During cleaning, hot cleaning solution and hot water run out of the combi spout.
 - Hot liquids can irritate the skin, and the heat poses a scalding hazard.
 - The drip tray may contain hot liquids.
- > Never reach under the spouts while cleaning.
 - > Ensure that no one ever drinks the cleaning solution.
 - > Be careful when moving the drip tray.



Slipping hazard

⚠ CAUTION



- Fluids can be discharged from the coffee machine if used improperly or if errors occur. These fluids can cause a slipping hazard.
- > Regularly check the coffee machine for leaks, and make sure no water is coming out.

1.2 Intended use



Misuse

 **WARNING**

- If the machine is used other than as intended, this could lead to a risk of injury.
 - > The coffee machine must only be used as intended.
 - The Curtis Genesis is designed to dispense beverages made with coffee into suitable containers.
 - The coffee beans must be suitable for processing in a fully automated coffee machine. The products must not be processed after their expiration date.
 - This device is intended for industrial and commercial use and should be operated by experts or trained users in stores, offices, restaurants, hotels, or similar places. It can also be used in a domestic environment.
-

Installation location

- The device can be used as a self-service device if it is supervised by trained personnel.
The machine must be set up so as to allow good visual access.
- The device must be placed and levelled on a horizontal, sturdy, water-resistant, and heatproof base.
- The device must not be cleaned using a water jet. The device must be installed where it is protected against water spray.
- The device must not be located on a surface that is sprayed or cleaned with a water hose, steam jet, steam cleaner, or similar devices.

Water supply

- 3/8 inch hose connector with water mains tap, and dirt filter with 0.003 in (0.08 mm) mesh size, on-site. At least 29 psi (0.2 MPa) (2 bar) supply pressure at 0.53 gal/min (2 l/min).
Maximum 87 psi (0.6 MPa) (6 bar).
Maximum inlet temperature 95 °F (35 °C).
- The set of hoses provided with the new coffee machine and/or the new water filter must be used. Do not use the old set of hoses.

Ambient temperature

- Ambient temperature 41 °F to a maximum of 95 °F
(+5 °C to a maximum +35 °C)

Usage

- The use of the device is subject to this User Manual. Any other use or use that goes beyond the aforementioned is considered incorrect use. The manufacturer shall not be liable for any damage resulting from this.
- **Under no circumstances may the Curtis Genesis be used to dispense and heat liquids other than coffee or hot water (beverages, cleaning).**

Hygiene

- The coffee machine must be set up by the operator such that care and maintenance can be performed without hindrance.
- In office / floor kitchen areas or similar self-service set-ups, only staff instructed in operation of the coffee machine should supervise the coffee machine. Trained personnel should carry out care procedures and be available for questions regarding use.

1.3 Conditions for use and installation



Risk of fire and accidents

- > The conditions for use and installation listed in the "Technical Data" chapter must be met.
- > Before inserting the device plug, ensure that the information on the rating plate matches the mains voltage for the installation.

WARNING

Technical data
▷ page 82

Any necessary on-site preparatory work for electricity, water, and drainage connections at the customer's premises is to be arranged by the machine owner / operator.

The work must be carried out by authorized installation technicians in compliance with general, country-specific and local regulations. The Curtis Service engineers must only connect the coffee machine to existing prepared connection points. Curtis Service is neither authorized nor responsible for carrying out any on-site installation work prior to connection.

NOTE

The device is to be installed to comply with applicable federal, state or local plumbing codes. This includes sufficient backflow preventers.

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2 Introduction

2.1 Parts of the coffee machine



“Ready to operate” display



- 1 Bean hopper (2), lockable
- 2 Manual insert / tablet insert
- 3 Touch display (selection buttons and settings)
- 4 Combi spout (coffee and hot water)
- 5 Grounds container
- 6 Removable drip tray with drip grid
- 7 Operating panel
- 8 Hopper lock
- 9 ON/OFF switch (operating panel open)

"Ready to operate" display

- 10 Menu pad (opens the main menu)
- 11 Selection buttons
- 12 Hot water button
- 13 Language pad

The pads and buttons available on the display depend on the settings and the machine model.

The functions shown here are examples.

Software ▷ starting on page 32

User Manual Signs and Symbols



Personal injury safety instructions

If the safety instructions are not followed, this could lead to mild to severe injury in case of improper use.

 **WARNING**

Follow the Safety chapter
▷ starting on page 5



Personal injury safety instructions

If the safety instructions are not followed, this could lead to mild injury in case of improper use.

 **CAUTION**

Operation safety instructions
▷ page 24

Care safety instructions
▷ page 58

Follow the Safety chapter
▷ starting on page 5



Electrical shock



**Hot water
or steam**



**Bruising or
crushing hazard**



Hot surfaces



Slipping hazard



Notice of property damage

- for the coffee machine
 - for the installation location
- > Always follow the User Manual.
-

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

Technical data
▷ starting on page 82



Note / tip

- Instructions for safe use and tips for easier operation.
-

NOTE

TIP

Glossary

Term	Explanation
•	• Listings, selection options
*†	*† Individual steps
<i>Text in italics</i>	<i>Description of coffee machine state and/or explanations of automatic steps.</i>
Additions	Components of a recipe for a beverage, in addition to coffee.
Beverage dispensing	Dispensing coffee, hot water
Capacity	For example: the capacity of the water filter in liters
Carbonate hardness	Quoted in °dKH (gpg). The water hardness is a measure of the calcium dissolved in the drinking water.
Decaf	Decaffeinated coffee
Grounds chute	▷ Grounds disposal through the counter, page 28
Main water supply tap	Water stop valve, angle valve
Pre-infusion	Prior to brewing cycle, coffee is briefly infused in order to ensure a more intense release of its aromatic compounds.
Pressing	Automatic pressing of ground coffee prior to brewing cycle.
Rinsing	Intermediate cleaning
Self-service mode	Self-service customer operation

3 Operation

3.1 Operation safety instructions



Burn hazard / scalding hazard



- When dispensing beverages and steam, hot liquid comes out of the spouts. The adjacent surfaces and spouts become hot.



- Hot water and steam may escape from the outlets in the heating-up phase.
 - > When dispensing beverages and steam, do not reach beneath the spouts.
 - > Do not reach beneath the spouts during the heating-up phase.
 - > Do not touch the spouts immediately after dispensing.
 - > Always place an appropriate cup under the spout before dispensing a beverage.
-

 **CAUTION**

Follow the Safety chapter
▷ starting on page 5



Health hazard

- > Only use products that are suitable for consumption and for use with the coffee machine.
 - > The manual insert may only be filled with materials for the use intended.
-

 **CAUTION**

Follow the Safety chapter
▷ starting on page 5



Bruising or crushing hazard / risk of injury



- The coffee machine contains moving parts that can cause finger or hand injury.
 - > Do not reach into the area of the moving spout.
-

 **CAUTION**

3.2 Switch on the coffee machine

- * Slide the operating panel upward

The ON/OFF switch is on the right side, behind the operating panel.

- * Press the ON/OFF switch

Coffee machine switches on and heats up.

An automatic warm rinsing starts.

When the coffee machine is ready to dispense beverages, the "Ready to operate" display appears.

The coffee machine can be switched on and off using the timer.



PIN access control

▷ *PIN rights*

page 48

Set timer switching times

▷ *Timer*

page 50

3.3 Coffee dispensing (order flow)

To dispense a customized coffee drink, several consecutive selection steps are necessary.

The post-select procedure is described below.

3.3.1 Blend selection

Touching the blend-button selects the desired type of bean.



3.3.2 Size selection

Touching the button selects the general desired filling volume.

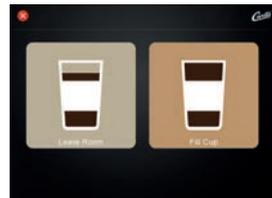


3.3.3 Filling volume adjustment

Touching the button selects the absolute filling volume of the cups.

Fill Cup = The previously selected quantity is dispensed.

Leave Room = The previously selected quantity is reduced to leave room for more ingredients (e.g. cream, syrup).



3.4 Hot water dispensing

✳ Place a cup of the appropriate size underneath the combi spout

✳ Touch the hot water button

Dispensing occurs according to the dispensing option.



3.5 Bean hopper lockable

- If possible, refill bean hoppers in advance.
- Fill the hoppers no more than the amount needed for one day, in order to maintain the freshness of the products.



- Foreign objects can damage the grinders. Such damage is not covered under the warranty.
 - > Ensure that no foreign objects land in the bean hopper.

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

3.6 Manual insert

The manual insert is located in the center of the coffee machine cover.

Manual insert is used

- For inserting cleaning tablets



Tablet insert



- Add cleaning tablet only after the display message.

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

3.7 Grounds container

The grounds container receives the used coffee grounds.

The display shows a message as soon as the grounds container needs to be emptied.

Beverage dispensing is blocked for as long as the grounds container is removed.

- * Remove grounds container
- * Empty and replace grounds container
- * Confirm process on the display



- Replacing without emptying will result in the coffee grounds container being overfilled. The coffee machine will be soiled. This may cause subsequent damage to the machine.
 - > Always empty the grounds container before replacing.
 - > If grounds container cannot be replaced, check chute for coffee residue and remove.



Clean grounds container
▷ *Manual cleaning*
page 62

IMPORTANT

Follow the Warranty chapter
▷ *starting on page 81*

3.8 Grounds disposal through the counter (optional)

The coffee machine can be fitted with grounds disposal through the counter. In this case, both the grounds container and the coffee machine base have an opening that passes through the on-site counter on which the machine is placed. The spent coffee grounds are collected in a separate container under the counter.

Important

Clean grounds chute daily
▷ *Manual cleaning*
page 62

3.9 Drip tray



Scalding hazard



- The drip tray may contain hot liquids.
- > Be careful when moving the drip tray.
- > Replace carefully so that no water accidentally drips down.



On coffee machines with a drain connection the drip tray may also be removed (e.g. for cleaning).

For coffee machines without a drain connection, the drip tray must be emptied regularly.

- * Remove the drip tray carefully, empty it, and then replace the drip tray



CAUTION

Follow the Safety chapter

▷ starting on page 5

Clean drip tray daily

Care

▷ starting on page 58

NOTE



3.10 Switch off the coffee machine



Take care to work hygienically

- Germs that are hazardous to health can grow in the coffee machine.
 - > Perform daily cleaning before switching off the coffee machine.
-



Follow the manual

- If this is not followed, the liability is invalidated in the event of any resultant damage.
-

* Slide the operating panel upward

The ON/OFF switch is on the right side, behind the operating panel.

* Press the ON/OFF switch briefly until a signal sounds
Coffee machine switches off.

* Disconnect mains plug

* Turn off main water supply tap

CAUTION

Follow the Safety chapter

▷ starting on page 5

Clean the coffee machine as shown in the instructions.

Care

▷ starting on page 58

IMPORTANT

Follow the Warranty chapter

▷ starting on page 81



PIN access control

*▷ PIN rights
page 48*

4 Software



- When setting beverages, the same safety instructions apply as for operating the coffee machine.
 - > Follow all operation safety instructions.

CAUTION

Operation safety instructions
▷ page 24

4.1 Overview

Ready to operate



Button layout
▷ *Operating options*
page 44

The pads and buttons available on the display depend on the settings and the machine model.

All beverage buttons that are ready to dispense are illuminated.

Function bar "Ready to operate" display



Hot water



Language selection

Main menu functions

starting on page 34



Care
page 34



Beverages
page 35



Operating options
page 43



Information
page 46



Accounting
page 47



PIN rights
page 48



Timer
page 50



System
page 53



Language
page 55



USB
page 56

Menu control pads



Main menu / back



Confirm value / setting



PIN entry



Delete value / setting



Next / start



Preparation test



Load settings



Back



Save settings



Show keyboard



Cancel



Change recipe



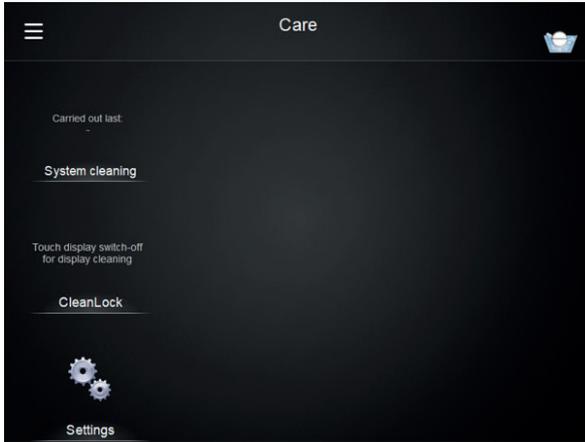
Cup volume

Messages on the display



Event and error message

4.2 Care



Menu control pads

▷ Overview
page 32

Care

▷ starting on page 58

HACCP cleaning schedule

▷ starting on page 69

System cleaning

With switch off or without switch off the coffee machine after system cleaning.

CleanLock

※ Touch **CleanLock**

A 15-second countdown starts.

The touch display can now be cleaned.

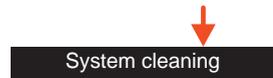
The touch display is activated again 15 seconds after the last time it was touched.

Settings

Switch-off rinsing

Options: • active • inactive

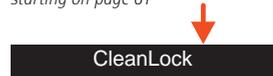
Default value: active



System cleaning

▷ Care

starting on page 61



Clean the operating panel

▷ Care

page 62



4.3 Beverages



General information

Dispensing test

For many beverage settings, it is possible to start a dispensing test with the new settings before the recipe is saved.



- * Modify the settings as desired
- * Touch the "Dispensing test" pad
The beverage is dispensed using the newly changed values.
- * If the beverage is as desired, touch the Save symbol
The recipe is saved.

Save recipes

The modified recipe is saved.



Load recipes



A saved recipe is loaded to a beverage button here.

- * Touch a beverage button
- * Touch the "Load recipes" pad

A submenu opens.

- * Mark the desired recipe
- * Touch the "Save recipes" pad

The beverage button is assigned to the newly selected recipe.

Adjust text



Names and headlines can be customized by pressing the corresponding keyboard icon.

Adjust font and background



Font and background of the buttons can be customized by pressing the corresponding settings button.

Setting the font size (left) and optionally the font color in HTML color code format:



Set the background color by pressing the colored icon and selecting the predefined background colors. Optionally, the color can also be defined by entering the HTML color code.



Cup volume, multiple brewing, and dispensing option



Cup volume

Set the desired filling volume. The recipe is adjusted accordingly.
100% indicates the previously saved value.

Multiple brewing cycles

The beverage is brewed several times, as set. Up to 12 times the set quantity can be dispensed with one touch of a button.

Available for beverages with coffee and for hot water with the "metered" dispensing option.

Dispensing option

- **Start-Stop**

The dispensing runs until the set volume is reached. The dispensing can be stopped sooner by touching the button again.

- **Start-Stop-Freeflow**

A brief press of a button starts Start-Stop dispensing.

A longer press of the button, for more than 1 second, starts freeflow dispensing.

- **Freeflow**

The beverage or steam is output for as long as the button is pressed and held.

- **Metered**

The set volume is dispensed. The dispensing option is available for hot water.

The dispensing option can be set for hot water.

Change recipes

Select the beverage to be set by clicking through the selection steps:

Blend ▷ *Size* ▷ *Leave Room / Fill Cup* ▷ *Beverage*



Menu control pads
▷ Overview
page 32



Beverage settings can be made by clicking on the "change recipe" button.



Current recipe composition

The additions in the recipe are displayed here.
The preparation order is from left to right.
The software indicates whether desired options are not technically possible.

Inventory of factory additions

The additions that can be used for the recipe are shown here.
✳️ Touch the desired addition and then touch the desired position in the recipe composition again
The addition is immediately inserted at the desired position.

Delete addition

Delete a marked addition from the current recipe composition.



Change addition

✳️ Mark the addition and touch the symbol "Change addition"
The "Change addition" menu opens.
The setting options for the selected addition are displayed.
The saved and current data are displayed.



The current values



The values saved by Service



The factory values

Ground coffee quantity

Enter in grams (g)



Water quantity

Enter in milliliters (ml)



Coffee quality

The quality levels influence the coffee brewing cycle. The higher the quality level, the more intensive the release of the flavor and aromatic substances in the coffee.



Quality levels

- 1 After pressing, space is provided for the ground coffee to swell.
- 2 After pressing, the coffee is brewed immediately.
- 3 After pressing, a pre-infusion occurs.
- 4 After pressing and a pre-infusion, a second wet pressing occurs.
- 5 Same as for Quality 4, but with stronger wet pressing.
- 6 Same as for Quality 5, but with stronger wet pressing.
- 7 Same as for Quality 6, but with longer wet pressing.

Note.

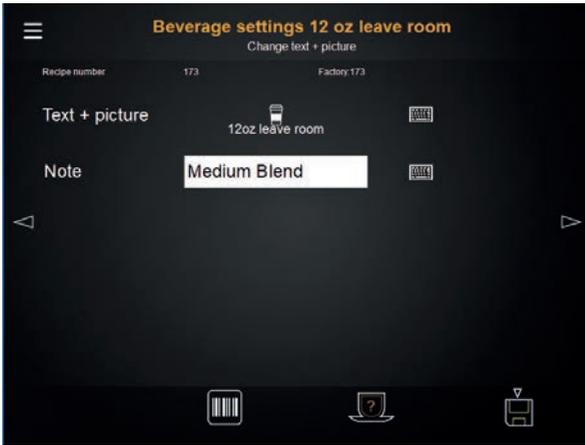
If very finely ground coffee is used with a small quantity of brewing water, a high quality level can cause a brewing water flow error.

Select coffee grinder

A full portion of coffee to be ground corresponds to 10. The total amount can be produced cumulatively by different grinders. This means that a variety of individual recipes are possible.



Text and picture



Menu control pads
▷ Overview
page 32

The beverage name and photo of a beverage button are adjusted here.
Activate the keyboard by touching the keyboard pad.

Load custom beverage pictures
▷ USB
page 56

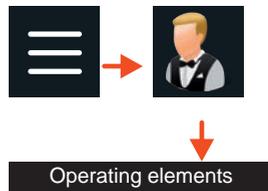
Note

A note about the beverage can be saved here.

Change hot water recipes

* Press the hot water button in the beverage settings.
Hot water settings can be made by clicking on the "change recipe" button.

4.4 Operating options



Operating elements

Menu pad

Options: • active • inactive

Default value: active

active The menu pad reacts immediately when the pad is touched.

inactive Touching the empty pad twice calls up the main menu.

Error message

The error is displayed in various colors in the header bar on the display.

Options: • active • inactive

Default value: active

active The errors are shown on the display as a text message.

Language pre-selection

This setting determines whether languages and flags can be set from the beverage settings. "Language pre-selection" can be activated here, or by selecting the "Self-service+Flags" button layout.

Button layout "Self-service+Flags"
 ▷ *Button layout*
page 44

Options: • active • inactive

Default value: inactive

Button layout

Various standard button layouts are saved and can be selected here.



PostSelection

For self-service mode, a few functions can be switched to be inactive. The functions and their pads are not displayed in the inactive state.



Nutritional information

Displays ingredients and nutritional information for each beverage.

Options: • active • inactive

Default value: inactive

Enter nutritional information
▷ System
▷ Nutritional information
page 55

Cancel beverage

Options: • active • inactive

Default value: inactive

active Beverage dispensing can be interrupted by touching the beverage button again.

Logo

Manufacturer's logo

Options: • active • inactive

Default value: active

active The manufacturer's logo is shown at the top right of the "Ready to operate" display.

Customer's logo

Options: • active • inactive

Default value: inactive

active When the option is set to "active" and a customer's logo has been downloaded, the customer's logo is shown at the center of the header bar when "Ready to operate". When the vending devices are connected it shows the customer's logo. In this case, both logos cannot be displayed.

Load customer's logo

Insert the USB stick containing the customer's logo.
Load the customer's logo.

Size of customer's logo

The logo must not be greater than 80 pixels high.
Larger logos will be scaled to this size automatically.

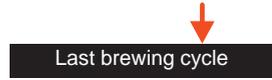
4.5 Information

The information menu has the following selection options, as described below.



Last brewing cycle

Information about the last brewing cycle.



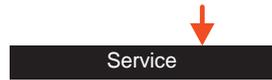
Timer

The weekly overview of the timer opens. All switch-on and switch-off times are displayed in this overview.



Service

Contact data for Curtis Service.
Serial number of the coffee machine.



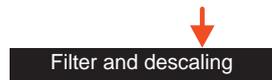
Care

The last cleaning and care procedures that run via coffee machine programs are displayed here.



Water filter and descaling

Information on the remaining capacity of the water filter and the time of the next descaling.

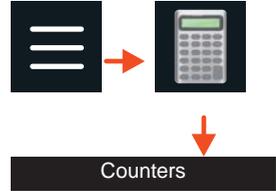


Journal

Journal of events and errors during operation and cleaning of the coffee machine.



4.6 Accounting



Counters

The counters for the individual dispensed beverages and the totals of the beverages are displayed here. A journal can be read out via the USB port.

Accounting				
Counters				
Beverage	1	2	3	4
2 Espresso M...	2	2	2	2
Espresso	1	1	1	1

Standard setting

- Counter 1 = day counter
- Counter 2 = week counter
- Counter 3 = month counter
- Counter 4 = year counter

 Each counter can be reset.

TIP

Vending machines

See vending machines User Manual.

External accounting

See the "Waiter accounting" instructions.

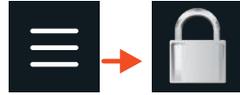
4.7 PIN rights

One PIN can be assigned for each of the areas listed below.

- Cleaning
- Setting
- Accounting

The PINs are hierarchical.

This means, for example: the settings PIN simultaneously grants all rights for the cleaning PIN, but not the rights for the accounting PIN.



If no PIN is assigned, then the area is accessible without a PIN. If a PIN has been assigned for a particular level, no access will be granted without a PIN.

Cleaning PIN

On entering the valid PIN, access granted to:

 Care



Settings PIN

On entering the valid PIN, access granted to:

- | | |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  Care |  Timer |
|  Beverages |  System |
|  Operating options |  Language |
|  Accounting
(without "delete") |  USB |



Accounting PIN

On entering the valid PIN, access granted to:

- | | |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  Care |  PIN |
|  Beverages |  Timer |
|  Operating options |  System |
|  Accounting
(with "delete") |  Language |
| |  USB |



The Accounting PIN can be used to change the other two PIN numbers. If you have forgotten the Accounting PIN, it can be reset only by our service department.

Re-enter PIN

Once a PIN has been assigned for access rights, the PIN number must be entered here in order to assign a new PIN.

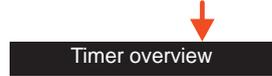


4.8 Timer



Timer overview and setting the timer

Overview of all switch-on and switch-off times



Delete timer

To delete a previously highlighted switching time, press the Delete symbol.



Daily timer overview

Switching between daily and weekly overview. The daily overview shows switching times for the current day.



Set timer switching times

- Select individual day or days.
- Set switch-on time and switch-off time.



The times are set for all selected days. After confirmation, a weekly overview is displayed with the switch time settings. The individual times can be modified in this weekly overview, as desired.

Timer state

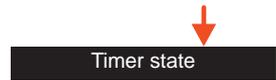
Information about the timer state.

Options: active inactive

Default value: active

active The timer switching times are active.

inactive The timer switching times are not carried out.



Button layout overview

An overview of all timer switching times for the button layout is shown here.

The settings can be modified directly in the overview.

Overview illustration and explanation of symbols

▷ *Timer overview, page 50*



The minimum time for displaying a button layout is 30 minutes.

Button layout

Options: • active • inactive

Default value: inactive

active Button layouts can be assigned automatically via the timer.



For example, self-service from 21:00 to 06:00.

Time / date

The current time of day and the date are set here.



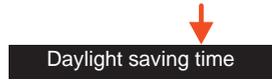
Daylight saving time

Set whether to switch to daylight saving time automatically here.

This menu is displayed only if no telemetry module is installed.

Options: active inactive

Default value: active inactive

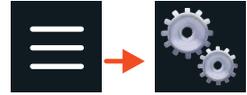


Time zone

The time zone can be set here.



4.9 System



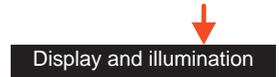
Progress display

Options: Line, circle, off

Default value: Line



Display and illumination



Display brightness

The brightness of the display is adjusted here.

Reduce brightness automatically

Options: • active • inactive

Default value: active

active If "Reduce brightness" is set to "active", then the display brightness is reduced automatically 5 minutes after the last beverage is dispensed. If the display brightness has been dimmed, the display returns to the selected brightness level when it is first touched. The second time a beverage button is touched, the corresponding beverage is dispensed.

Touch calibration

Recalibrate the touch display.

Display background

The color design for the touch display can be set here.

- Color of the **main page**
- Color for **additional pages**

Water filter

Options: • active • inactive

Default value: active inactive

active Water filter is fitted. Capacity and water hardness are queried.



Water filter

Note

We recommend using a water filter. Your Curtis service partner will be happy to advise you on the right water filter to use.

Measured carbonate hardness

Enter the measured water hardness in °dKH (gpg) here.



If the coffee machine is run with the wrong water hardness setting, this can lead to severe lime build up and thus to leaking valves. No liability is assumed for any resulting damage.

NOTE

Determine the water hardness

※ Request drinking water hardness reading from water supplier, or determine using Curtis carbonate hardness test (complete with instructions) in the accessories

Measured total hardness

Enter the measured total hardness.

Filter capacity

Enter the filter capacity in liters here.

Temperature

The boiler water temperature is set here. (coffee brewing water temperature)



Temperature

Grinding degree setting

The grinding degree can be adjusted from the display.

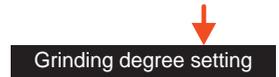
- Grinding degree grinder 1
- Grinding degree grinder 2

Lower number -> finer grinding degree

Higher number -> more coarse grinding degree

The setting has intervals of 0.25. Up to half a grinding degree can be adjusted in each step. The grinder must be run between each adjustment.

Only for trained personnel and service.



Portioner

The names of the beans used can be saved here.

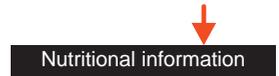
Espresso or Café Crème are the default options available.



Nutritional information

Detailed information on about nutritional values and ingredients can be captured here for each grinder.

An overview is available.



4.10 Language

The language used in the display is set here.

The available languages are displayed in English.



4.11 USB

Data exchange is possible via the USB connection. As long as the USB stick is inserted, the functions will be active.

The USB connection is at the top left on the reverse side of the operating panel, behind a cover.



Load recipes

The recipes stored on the USB stick are loaded to the coffee machine here.



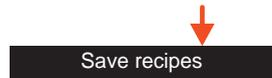
Load beverage symbols

Load photos or beverage symbols from USB stick.



Save recipes

Current recipes are exported from the coffee machine to the USB stick here.



Export counters

Current counter levels are exported from the coffee machine to the USB stick here.



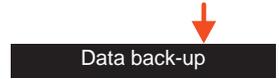
HACCP export

The cleaning cycles performed are recorded and are exported to the USB stick here as evidence for HACCP.



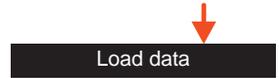
Data back-up

Data settings, such as machine data, beverage data, etc. are saved to the USB stick here.



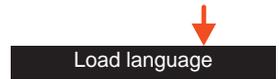
Load data

Data settings, such as machine data, beverage data, etc. are loaded here from the USB stick to the coffee machine.
(Can be protected by a PIN.)



Load language

If available, another display language can be loaded to the coffee machine from the USB stick here.



Firmware update

For Service only.



5 Care

5.1 Care safety instructions

Regular cleaning is essential in order to ensure problem-free operation of the coffee machine and to ensure optimum coffee quality.



Health hazard / hygiene

- > Follow all hygiene instructions.
 - > Follow the HACCP cleaning schedule.
-



CAUTION

Follow the Safety chapter
▷ starting on page 5



Health hazard / hygiene

- Germs can multiply in a coffee machine that is not in use.
 - > Prior to and after every instance that the machine is shut off for several days, perform all cleanings.
-



CAUTION

Follow the Safety chapter
▷ starting on page 5



Health hazard / hygiene

- All cleaning agents are perfectly tuned to the cleaning programs.
- > Use only Curtis cleaning agent.

CAUTION

Follow the Safety chapter
▷ starting on page 5



Health hazard / irritation and scalding hazard



- Hot cleaning fluid and hot water runs out of the combi spout when cleaning.
- Hot liquids can irritate the skin, and the heat poses a scalding hazard.
- > Never reach under the spouts while cleaning.
- > Always lock out the touch display with "CleanLock" before cleaning.
- > Ensure that no one ever drinks the cleaning solution.

CAUTION

Follow the Safety chapter
▷ starting on page 5



Note

- The next time the coffee machine is switched on, fill up the milk again to complete the cleaning program.

NOTE

5.2 Cleaning intervals overview

Care							Instructions
Daily	Weekly	Regularly	Automatic	Message			
Cleaning programs							
x					System cleaning	0	
Manual cleaning							
x					Clean the operating panel (CleanLock)	0	
x					Clean the grounds container		
		x			Clean the brewing unit		
x					Clean the drip tray	0	
x					Clean the housing		
		x			Clean the bean hopper		



Cleaning programs
▷ starting on page 61

▷ page 62

▷ page 62

▷ page 63

▷ page 66

▷ page 67

▷ page 68

Daily = Daily, at least once per day, and when needed

Weekly = Weekly cleaning

Regularly = Regularly when needed

Automatic = Automatic processing

Message = After the display shows a message

(x) = Daily for severe soiling

* = Optional (depending on the model)

Instructions = Instructions available in the menu ▷ Software ▷ Care

5.3 Cleaning programs

5.3.1 System cleaning

System cleaning is an automatic cleaning program and uses either a Curtis cleaning tablet to clean the coffee system of the coffee machine. Total duration is approx. 10 minutes.

Instructions as animation
▷ Main menu
▷ Care
▷ Instructions



Health hazard / irritation and scalding hazard



- During cleaning, hot cleaning solution and hot water run out of the combi spout and out of the hot water spout.
- Hot liquids can irritate the skin, and the heat poses a scalding hazard.
 - > Never reach under the spouts while cleaning.
 - > Ensure that no one ever drinks the cleaning solution.

 **CAUTION**

Follow the Safety chapter
▷ starting on page 5



The cleaning program provides a step-by-step guide through the system cleaning on the display. Follow the messages.

NOTE

5.3.2 Brewer care

After 15,000 brewing cycles, the O-ring on the brewer needs to be replaced.

- * Replace O-ring
- * Confirm the change

5.4 Manual cleaning

Order numbers for the Curtis care program
▷ Accessories and spare parts
page 86

5.4.1 Clean the operating panel (CleanLock)

※ Touch **CleanLock**

A 15-second countdown starts.

The touch display can now be cleaned.

The touch display is activated again 15 seconds after the last time it was touched.



Scalding hazard

- If a beverage is initiated accidentally, there is a hazard of being injured.
 - > Always lock out the touch display with "CleanLock" before cleaning.
-

CAUTION

Follow the Safety chapter
▷ starting on page 5



- There is a risk of causing scratches or scoring.
 - > Clean the display with a clean, damp cloth. Do not use any cleaners or implements.
 - > Use soft cloths for cleaning.
 - > We recommend a damp microfiber cloth.
-

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

5.4.2 Clean the grounds container (grounds chute, optional)

- ※ Empty grounds container and rinse under running drinking water
- ※ Clean with a clean, damp cloth
- ※ Dry the grounds container and replace it



- > On coffee machines with grounds disposal through the counter, the grounds chute must be cleaned daily.
 - > Never use force. Danger of breakage.
-

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

5.4.3 Clean the brewing unit



Bruising or crushing hazard / risk of injury



- The coffee machine contains moving parts that can cause finger or hand injury.
- There is a risk of pinching when removing the brewing unit.
 - > Always switch off the coffee machine and unplug the mains plug before reaching into the coffee grinder or the opening of the brewing unit.
 - > Hold the brewing unit tightly and remove it carefully.



CAUTION

Follow the Safety chapter
▷ starting on page 5

The brewing unit should be cleaned when needed and at regular intervals. Recommendation: monthly.

- * Press the ON/OFF briefly until a signal sounds
- * Disconnect mains plug
- * Remove grounds container
- * Remove the drip tray

Brewing unit is now fully accessible.



Burn hazard



- The brewing unit can still be hot immediately after switching off.
- > Allow the coffee machine to cool before cleaning.



- The brewing unit can slip downwards.
- > Always hold the brewing unit securely.
- > Never use force. Danger of breakage.

- * With one hand, reach into the chute under the brewing unit and release and hold the retaining catch (illustration 1)
- * Slowly guide the brewing unit downwards, tilt and pull forward
- * Remove the brewing unit and hold firmly (illustration 2)

Use the multitool from the accessories.

- * Turn the thread on the brewing unit head counter-clockwise (illustration 3) until the scraper is in the forward position
- * Squeeze the funnel [1] slightly and pull it up to remove it
- * Pull the springs outward and press them down
This unlocks the insertion chute.

- * Swing the insertion chute [2] upwards
- * Clean the brewing sieve under running water or with a cloth

CAUTION

Follow the Safety chapter
▷ starting on page 5

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81



Illustration 1



Illustration 2



Illustration 3



Illustration 4

- * Remove coffee grounds residue using a paint-brush or scrubber
- * Rinse the brewing unit under running water

Potential damage

- The brewing unit can be damaged by cleaning agent or in a dishwasher
 - > Only use water to clean the brewing unit.
 - > Never clean the brewing unit in the dishwasher.

* Dry the brewing unit with a cloth
Allow to dry completely before reinstalling in the coffee machine.

Remove coffee grounds residue from the chute.

- * Wipe out the coffee grounds forward or suck out using a vacuum cleaner
- * Replace springs in insertion chute (illustration 5)
- * Squeeze the funnel [1] slightly and re-insert it

Use the guides.

Refit the brewing unit after it has been dried.

- * Hold the retaining catch compressed and replace the brewing unit in the chute against rear cover
- * Push the brewing unit upwards until it engages in the retaining catch
- * Replace the grounds container
- * Replace drip tray

 If the brewing unit cannot be inserted without resistance:

- > Turn the thread on the brewing unit head slightly to the left or right with the multitool until the brewing unit slides into the guide.
- > Never use force. Danger of breakage.

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81



Illustration 5



Brewing sieve

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

5.4.4 Clean the drip tray



Scalding hazard



- The drip tray may contain hot liquids.
 - If the drip tray is not properly engaged, such as after cleaning, there is a burn hazard due to hot liquids.
 - > Be careful when moving the drip tray.
 - > Replace carefully so that no water accidentally drips down.
 - > Always make sure the drip tray is seated correctly.
-

CAUTION

Follow the Safety chapter
▷ starting on page 5

- * Lift up the front of the drip tray slightly and remove it
- * Clean drip tray thoroughly
- * Rinse the drip tray with clear drinking water
- * Dry off the drip tray and replace it



5.4.5 Clean the housing



- There is a risk of causing scratches or scoring.
 - > Do not clean with scouring powders or the like.
 - > Use only very mild cleaning agents.
 - > Do not use any severely alkaline, alcoholic, or degreasing cleaning agents.
 - > Use soft cloths for cleaning.
 - > We recommend a damp microfiber cloth.

- * Switch off the coffee machine using the ON/OFF switch
- * Allow the coffee machine to cool
- * Once the coffee machine has cooled down, clean the housing with a damp cloth

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

Note

Durability can be compromised with alkaline cleaning agents, solvents such as acetone, carbon, carbon tetrachloride, paint thinner, or alcohol compounds >5%, ammonia, benzene, glycerine, xylol, abrasives, degreasing flushing agents, and strong spray cleaners for glass are also not suitable.



Clean the display with a clean, damp cloth. Do not use any cleaners or implements.

5.4.6 Clean the bean hopper

The bean hoppers should be cleaned when needed and at regular intervals. Recommendation: monthly.



Risk of injury

- Long hair could become caught in the grinder head and drawn into the coffee machine.
- > Always protect hair with a hairnet.

 **CAUTION**



Bruising or crushing hazard / risk of injury



- The coffee machine contains moving parts that can cause finger or hand injury.
- > Always switch off the coffee machine and unplug the mains plug before reaching into the coffee grinder or the opening of the brewing unit.

 **CAUTION**



- > Never clean the bean hoppers in a dishwasher.

IMPORTANT

- * Slide the operating panel upward
The ON/OFF switch is on the right side, behind the operating panel.
- * Press the ON/OFF briefly until a signal sounds
- * Disconnect mains plug
- * Turn the lock on the bean hopper 180° to open it
- * Lift bean hoppers out
- * Completely empty bean hoppers and wipe out thoroughly with a damp cloth
- * Allow bean hoppers to dry completely
- * Refill and replace bean hoppers
- * Turn the lock on the bean hopper 180° to lock it



Rotate the lock by 180°



6 HACCP cleaning schedule

You are required by law to ensure that your customers are not subject to any health hazards as a consequence of the consumption of the food items you serve.

A HACCP cleaning schedule (Hazard Analysis Critical Control Points) for risk identification and assessment is required. You should perform a risk analysis on your premises. The aim of the analysis is to recognize and pre-empt food hygiene hazard points. For this purpose, monitoring and, where necessary, test procedures must be established and implemented.

With correct installation, care, maintenance, and cleaning, Curtis coffee machines meet the requirements described above. If care and cleaning of the coffee machine is not carried out properly, dispensing beverages will constitute a food hygiene hazard point.

Please observe the following points in order to comply with the HACCP cleaning schedule:

"Food Hygiene Ordinance from 05.08.1997"

Use our HACCP cleaning schedule for monitoring of regular cleaning. HACCP export
▷ page 57

Use only cleaning agents that have been approved by Curtis.

Follow the Care chapter
▷ starting on page 58



Call up the journal of the most recent cleaning operations via Information pad .

The USB pad  can be used to export an HACCP journal.

TIP

Month _____ Year _____

HACCP cleaning schedule

Cleaning steps:

- 1. Perform a system cleaning
 ▷ User Manual, Care chapter
- 2. Clean the brewing unit
 ▷ User Manual, Care chapter
- 3. Regular cleaning of bean hoppers
 ▷ User Manual, Care chapter
- 4. General machine cleaning
 ▷ User Manual, Care chapter

Date	Cleaning steps				Signature
	1	2	3	4	
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					
31.					

7 Maintenance and descaling

Please observe that this is a professional industrial coffee machine which needs regular maintenance and descaling.

The maintenance date is based on the degree of use of the coffee machine and is shown on the display. If maintenance is undertaken by Curtis Service, then descaling of the brewing system is done at the same time.

The coffee machine may continue to be operated after the message, but Customer Care or contract maintenance should be carried out promptly to ensure correct functioning and so as to avoid any subsequent damage.

7.1 Maintenance

Maintenance after the display message; may only be undertaken by trained personnel or by Curtis Service, as in this instance components affecting safety must be replaced.

The following care or maintenance stages are provided:

- Descaling must be undertaken by the Curtis service.
- Maintenance after the display message; must be undertaken by Curtis Service, as in this instance components affecting safety must be replaced.

Service maintenance message
▷ Messages and instructions
page 73

Service maintenance message
▷ Messages and instructions
page 73

7.2 Curtis Service

You can reach Curtis Service if the local service point is not known.

Technical service:

Phone: +1 800-995-0417

Mail: techsupport@wilburcurtis.com

www.wilburcurtis.com

Important.

For other maintenance work and repairs, please contact your local Curtis Service. The telephone number can be found on the address sticker on the coffee machine and on the delivery note.



8 Messages and instructions

8.1 Messages for operation

Refill beans

- * Refill bean hopper (refer to display)
- * Check:
 - Is the bean hopper lock open?
- ▷ *Care*
- Coffee beans do not feed through.
- * Stir with a large spoon and confirm with 

Open water supply

- * Turn on water tap and confirm

Empty grounds container

- * Empty grounds container

Grounds container missing

- * Replace the grounds container correctly

Change water filter

- * Change water filter

Follow water filter instructions.

- * Call Curtis Service when needed

Call Curtis Service

Error number is displayed

Error messages and malfunctions

▷ *page 74*

Service message

Service maintenance after the display shows a message.

- * Call Curtis Service

*Service messages are instructions.
It is generally possible to continue
operating the coffee machine.*

8.2 Error messages and malfunctions

Basic procedure on display of error messages or malfunctions.

- ✳ Switch coffee machine off and then on again after a few seconds
- ✳ Repeat the process which led to the error

In many cases, this eliminates the malfunction and you can continue working.

If this is not successful: find the error message or error number in the following error list and follow the action instructions indicated.

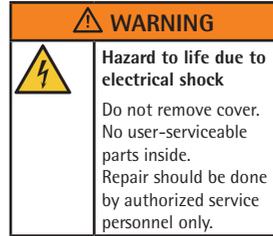
If this does not rectify the error or if the error indicated is not listed please call Curtis Service.

Some messages lead to blocking of individual functions. You will notice this by the fact that the beverage button illumination goes out. The beverage buttons that are still illuminated can continue to be used.

Your Curtis Genesis is provided with a diagnostics program. Any errors that occur are shown on the display. The error messages listed may also be caused by an interruption to the mains electricity supply. If there is a current error or a message to the operator, the  pad is displayed.

- ✳ Touch 

The error message and the error number are displayed.





The ON/OFF switch reacts after about 1 second and the coffee machine switches off.

In order to clear an error, for example if the software hangs up, touching and holding the ON/OFF switch will switch off the controller. Afterwards, switch the coffee machine on again.

NOTE

Error number	Error description	Action instructions
88	Boiler: over-temperature	<ul style="list-style-type: none"> * Switch the coffee machine off, allow to cool and switch on again * If error not remedied call Curtis Service
89	Boiler: heat-up time error	<ul style="list-style-type: none"> * Switch the coffee machine off and on again * If error not remedied call Curtis Service
161	Flow error: brewing water	<p><i>Between each of the following steps switch off the coffee machine and on again. If error not remedied carry out the next step.</i></p> <ul style="list-style-type: none"> * Clean the brewing unit ▷ Care ▷ Clean the brewing unit, page 63 * Set the grinding degree coarser ▷ Software ▷ System ▷ Grinding degree adjusting, page 55 * Reduce quality ▷ Settings ▷ Recipes, page 39 * If error not remedied call Curtis Service
162	Flow error: when cleaning	<p><i>Between each of the following steps switch off the coffee machine and on again. If error not remedied carry out the next step.</i></p> <ul style="list-style-type: none"> * Clean the brewing unit ▷ Care ▷ Clean the brewing unit, page 63 * If error not remedied call Curtis Service
9507	Flow error: water pressure missing	<ul style="list-style-type: none"> * Open the water tap or fill up the water tank * If error not remedied call Curtis Service
9678 9679	Right grinder blocked Left grinder blocked	<ul style="list-style-type: none"> * Set the grinding degree one level coarser until the blockage is cleared ▷ Software ▷ System ▷ Grinding degree setting, page 55 * If error not remedied call Curtis Service

8.3 Errors without error message

<i>Error pattern</i>	<i>Action instructions</i>
<ul style="list-style-type: none">• No hot water dispensing but water in grounds container	✱ Call Curtis Service
<ul style="list-style-type: none">• Pump runs continuously, water in grounds container	✱ Call Curtis Service
<ul style="list-style-type: none">• Bean hopper cannot be replaced	✱ Check whether bean hopper is accidentally locked

9 Safety and warranty

9.1 Hazards to the coffee machine



Follow the manual

Failure to follow this and resultant damage will result in loss of liability.

Follow the conditions for use and installation.

Installation location

- The installation location must be dry and protected against water spray.
- Some condensate, water, or steam can always be discharged from a coffee machine.
 - > Do not use the coffee machine outdoors.
 - > Set up the coffee machine so that it is protected against water spray.
 - > Always place the coffee machine on a water-resistant and heatproof base in order to protect the installation surface against damage.

Coffee grinder

- Foreign objects can damage the grinders. Such damage is not covered under the warranty.
 - > Ensure that no foreign objects land in the bean hopper.

IMPORTANT

Follow the Warranty chapter
▷ starting on page 81

Conditions for use and installation
▷ starting on page 15

Please observe the following instructions so as to prevent problems with and damage to the coffee machine:

- For drinking water with carbonate hardness from 5 °dKH (5 gpg) or higher, a water filter must be fitted. Failing to use the water filter recommended by Curtis Service may damage the coffee machine (e.g. due to scale deposits).
- For insurance reasons always ensure that, at the end of operation, the mains switch is switched off or the device is unplugged. For machines with a constant water supply, the water mains tap for the inlet pipe must be closed.
- We recommend damage prevention measures, such as:
 - installation of a suitable water monitor in the mains water supply
 - installation of smoke alarms
- After a company holiday (several days or weeks) we recommend running the cleaning mode at least twice before reusing the machine.

System cleaning
▷ *Cleaning programs*
starting on page 61

9.2 Directives

Manufacturer: WMF Group GmbH, 73312 Geislingen (Germany)

The coffee machine fulfills the requirements of UL 197/NSF4 and CSA C22.2 No. 109.

The manufacturer indicated above declares that this machine conforms to all applicable provisions of the directives listed. Any modifications to the machines that are not approved by us will cause this declaration to become invalid.

This device complies with part 15 of the FCC Rules and ICES 003.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

9.3 Duties of the owner / operator

The operator of such equipment must ensure regular maintenance by Curtis Service technicians, their agents or other authorized persons, and checking of safety devices.

Access to the service area is permitted only for persons with knowledge and practical experience with the device, especially regarding safety and hygiene.

The coffee machine must be set up by the operator such that care and maintenance can be performed without hindrance.

In office / floor kitchen areas or similar self-service set-ups, only staff instructed in operation of the coffee machine should supervise the coffee machine. Trained personnel should carry out care procedures and be available for questions regarding use.

The operator shall ensure that electrical equipment and operating facilities are in a fit state (in USA in accordance with NEC). In order to ensure the operating safety of your coffee machine, it is essential to perform regular checks of the safety valves and the pressure containers, among other checks.

These measures are conducted by Curtis Service or by Curtis authorized service personnel as part of the maintenance work.

Machine cleaning must be carried out using only the Curtis special cleaning agent intended by Curtis for the coffee machine (tablets).

Machine descaling may be performed only by Curtis Service.

The manufacturer's specifications regarding maintenance cycles and frequency of maintenance (▷ Maintenance) must be followed.

Cleaning intervals overview

▷ page 60

HACCP

▷ page 69

Curtis special cleaning agent

▷ Accessories and spare parts
page 86

9.4 Warranty claims



Follow the manual

- Failure to follow this and resultant damage will result in loss of liability.
- > Follow the conditions for use and installation.

IMPORTANT

Conditions for use and installation
▷ starting on page 15

Whether the purchaser has any rights under warranty, and the nature of any such warranty rights that the purchaser may have, is determined by the agreement made between the purchaser and the vendor. If the requirements of this User Manual are not followed, warranty claims will not be recognized.

No warranty is provided:

- On any parts subject to natural wear and tear. This includes seals, mixers, and brewing unit, among other items.
- For malfunctions due to the effect of the weather, scale build-up, chemical, physical, electrochemical, or electrical effects.
- If a water filter is not fitted even though the local water supply requires use of a water filter and malfunctions occur as a consequence.
- If malfunctions occur as a result of failure to follow instructions for the handling, maintenance, and care of the device (e.g., User Manual and maintenance instructions).
- With respect to faults which occur as the result of failure to use original Curtis spare parts or incorrect assembly by the purchaser or by third parties or by faulty or negligent treatment.
- With respect to the consequences of improper modifications undertaken without the consent of Curtis, or by repair or reconditioning work on the part of the purchaser or by third parties.
- With respect to faults caused by inappropriate or improper use.

Important
Maintenance
▷ page 71

Appendix: Technical data

Technical data for coffee machine

External dimensions	Width 12.8 in (325 mm) Height 32.13 in (816 mm) (with lockable bean hopper) Depth 23.23 in (590 mm)
Coffee bean hopper	Approx. 38.80 oz (1,100 g) per load ⁽¹⁾
Weight empty	82.67 lb (37.5 kg)
Water supply	3/8 inch hose connector with water mains tap, and dirt filter with 0.003 in (0.08 mm) mesh size, on-site. ⁽²⁾ At least 29 psi (0.2 MPa) (2 bar) supply pressure at 0.53 gal/min (2 l/min). Maximum 87 psi (0.6 MPa) (6 bar). Maximum inlet temperature 95 °F (35 °C). The set of hoses provided with the new coffee machine and/or the new water filter must be used. Do not use the old set of hoses.
Water quality	For drinking water with carbonate hardness from 5 °dKH (5 gpg) or higher, a water filter must be fitted.
Water drain tube	Hose a minimum of DN 19, minimum downward slope of 0.02 in/in (2 cm/m)
Use at elevation above sea level	<6,562 ft

We reserve the right to make technical modifications.

⁽¹⁾ The capacity depends on the size of the coffee beans.

⁽²⁾ These specifications (IEC 60335-2-75) for the water connection to the coffee machine apply in EU member states. It may be necessary to also observe additional country-specific regulations. Outside the EU countries acceptance of the standards quoted is to be checked by the legal entity or natural person who wishes to use the coffee machine.

Nominal power rating	2.9–3.8 kW
Power supply	208–240 V, 60 Hz, (2/PE)
Degree of protection	IP X0
Protection class	class 1
Calibration pressure	Boiler 1.6 MPa (232 psi)
Continuous sound pressure level (Lpa)	<70 dB(A) ⁽³⁾
Ambient temperature	41 °F to maximum 95 °F (+5 °C to maximum +35 °C). (empty the water system in case of frost).
Maximum humidity	80% relative humidity without condensation. Do not use device outdoors.
Installation surface / water spray	The device must be placed and levelled on a horizontal, sturdy, water-resistant, and heatproof base. The device must not be cleaned using a water jet. The device must be installed where it is protected against water spray. The device must not be located on a surface that is sprayed or cleaned with a water hose, steam jets, steam cleaner, or similar devices.

We reserve the right to make technical modifications.

⁽³⁾ A-evaluated sound pressure level Lpa (slow) and Lpa (impulses) at operating personnel workplace is under 70 dB(A) in any working mode.

Installation clearances	<p>For operating, service, and safety reasons the machine should be installed with a clearance from the building or non-Curtis components of not less than 1.97 in (50 mm) at the sides and 1.97 in (50 mm) at the back.</p> <p>A minimum working space of 31.50 in (800 mm) in front the coffee machine and overhead clearance of at least 7.87 in (200 mm) above the product hoppers are recommended. The height of the installation surface above the floor is at least 33.47 in (850 mm). If the coffee machine connections are to be run downwards through the counter, please make space for the lines, which can reduce the usable space below the machine.</p>
Installation dimensions of the water filter	See the User Manual for the water filter.

We reserve the right to make technical modifications.

It may be necessary to also observe additional country-specific regulations.

The customer's on-site electrical system must be designed to meet country-specific regulations per IEC 60364 and must match the information on the rating plate.

An isolated ground socket or a country-specific single-phase socket for single-phase connection, or a 5-pole CEE / CEKON socket per DIN EN 50310 VDE 0800-2-310 or a country-specific multi-pole socket for a three-phase connection, must be available near the machine. The sockets are part of the customer's on-site installation. The power cord must not come into contact with hot surfaces. If the power cord for this device is damaged then it must be replaced by our service personnel or a similarly qualified person, in order to prevent hazards.

In order to avoid possible faults from arising in our shielded data lines due to potential equalization currents between the devices, an additional potential equalization unit should be planned for devices connected to the vending system (see DIN EN 50310 VDE 0800-2-310).

	⚠ CAUTION
	Risk of fire and electric shock. Replace only with manufacturer's cord set, please see spare parts list.

Appendix: Accessories and spare parts

Number	Unit	Description	Order No.
Coffee grounds container			
1	Pcs	Coffee grounds container	33 2634 1200
1	Pcs	Sliding part for coffee grounds container	33 2633 9000
1	Pcs	Grounds container (grounds disposal through counter)	33 2634 1300
1	Pcs	Slider (grounds disposal through counter)	33 2633 9100
Constant water supply, drainage			
1	Pcs	Connecting tube for constant water supply	33 2292 1000
1	Pcs	Angle for drain tube	33 2165 8000
1.5	Meter	Drain tube	00 0048 0042
Accessories / tools			
1	Pcs	Multitool	33 2408 4000
Complete bean hopper			
1	Pcs	Cover for bean hopper, right / left	33 2925 5099
1	Pcs	Bean hopper, left	33 2913 2099
1	Pcs	Bean hopper, right	33 2911 8099
Order numbers for the Curtis care program			
1	Pack	Special cleaning tablets (100 pieces)	33 2332 4000

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Your nearest Curtis Service:

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