User manual

Water boiler

G3 Hot water dispenser

English

Congratulations on the purchase of your Curtis Hot water dispenser.

The G3 Hot water dispenser is a combination unit for the dispensing of larger quantities of 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 hot water dispenser.
> Ensure that the staff and all users have access to the User Manual.

⚠ CAUTION

Follow the User Manual signs and symbols
▷ *page 18*

Follow the Safety chapter
▷ *starting on page 35*

Hazard to life due to electrical shock

- The voltage inside the hot water dispenser is a hazard to life.

> Never open the housing.
> Never loosen the screws, and do not remove any housing parts.

⚠ WARNING

Follow the Safety chapter
▷ *starting on page 43*

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 repair work may be performed only by the Curtis Service, using original spare parts.

IMPORTANT

Technical data
▷ *starting on page 42*

Maintenance
▷ *starting on page 39*

1 Safety

Misuse

⚠ WARNING

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

> Follow all the safety instructions.

1.1 General safety instructions

Hazards to the operator

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

⚠ CAUTION

> Read the User Manual carefully prior to use.

> Do not touch hot machine components.

> Do not use the hot water dispenser if it is not working properly or if it is damaged.

> Use the hot water dispenser only when it is completely assembled.

⚠ CAUTION

> Built-in safety devices must never be altered.

> Children must not play with the device.

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

Despite the safety devices, every coffee machine poses potential hazards if incorrectly used. Please observe the following instructions when using the hot water dispenser so as to prevent injury and health hazards:

⚠ WARNING

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.

> Avoid damage to the power cord. Do not kink or crush.

> 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.

> The hot water dispenser 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.

⚠ CAUTION

Burn hazard / scalding hazard

- Do not touch the adjacent surfaces, because they can be hot.

> Do not pull the brew basket out immediately after the brewing process. Hot liquid can splash out!

> 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.

Bruising or crushing hazard / risk of injury

⚠ CAUTION

- The hot water dispenser contains moving parts that can cause finger or hand injury.

> Never reach into the brewing unit when the machine is switched on.

> Always switch off the hot water dispenser and unplug the mains plug before reaching into the opening of the brewing unit.

Health hazard

⚠ CAUTION

> Only use products that are suitable for consumption and for use with the hot water dispenser.

> The water tank may only be filled with materials for the use intended.

⚠ CAUTION

Health hazard

- The cleaner is caustic.

> Follow the protective measures on the packaging of the cleaning agent.

⚠ CAUTION

Slipping hazard

- 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 hot water dispenser 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 hot water dispenser must only be used as intended.

- The Curtis G3 Hot water dispenser is designed for dispensing coffee or hot water into apropriate receptacles.
- The water used must be suitable for processing in the hot water dispenser. 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.
- This machine is intended for large-scale service in hotels, restaurants, and similar locations. The machine may be installed in self-service areas if a responsible person is on location while it is being used. The machine may be operated only by specialist personnel.

Installation location

- A secure surface capable of supporting the weight of the appliance.
- The machine must be set up so as to allow good visual access.
- The device must be placed and leveled 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.

Water supply

On site:

- Water connection 1/4“ flare
- Water pressure 138-620 kPa
- Min. flow rate 3.8 l/min

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.

> Installation is to be performed only by a qualified installer.

⚠ WARNING

Technical data
▷ page 42

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

Risk due to electrical shock

- Improper electrical connection may result in an electric shock hazard or damage the unit. This hot water dispenser must be properly grounded.

⚠ WARNING

Note

DO NOT connect this brewer to a hot water supply. The water inlet valve is not rated for hot water.
Do not exceed the maximum water pressure stated in the technical data section.

NOTE

Installation Requirements

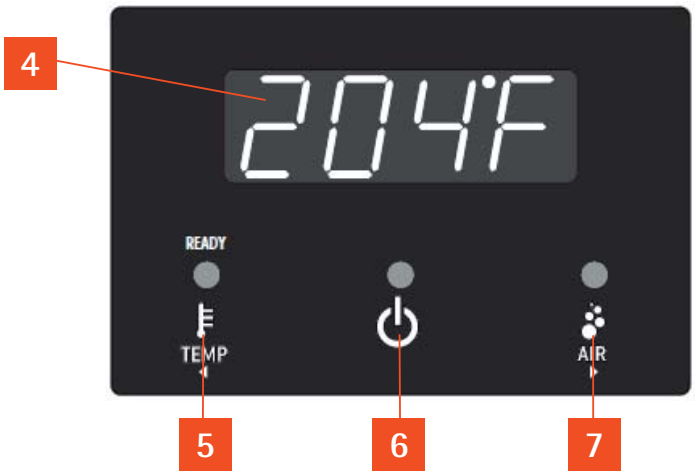
- For units without an attached cord set attached: Appropriately sized, VDE listed, grounding type power cable tp meet the electrical specifications for the appliance. If you have questions about the correct cable size and length, consult a qualified installer. If the appliance will be hard wired to a junction box, the power cable must be long enough so that the unit can be moved for cleaning underneath.
- A grounded electrical connection to an electrical circuit that meets the electrical specifications of the appliance (see Technical Data). The circuit must be protected by the appropriate sized circuit breaker. If you are not certain that the existing circuit meets the requirements for your unit, consult a licensed electrician.
- A water filtration system is required to maintain trouble-free operation. Wilbur Curtis Co., Inc. recommends a Wilbur Curtis approved water filter.
- Potable water supply line connection from the water filter capable of supplying the minimum flow rate required by the specifications. The water supply line must be able to connect to the flare fitting on the back of the unit. See Technical Data for the correct size.

The water line should also be capable of being controlled by a shut off valve. Do not connect the water line to a saddle valve or needle valve.

2 Introduction

2.1 Designation of the device parts

Control Panel



Programming Control Module ▷ Software starting on page 24

1 Control Panel

2 Hot water faucet

3 Water tank

Control Panel

4 Digital temperature display

5 TEMP button

6 ON/Off button

7 AIR button

The pads and buttons on the display are available, depending on the settings and the machine model.
The functions shown here are examples.
Software ▷ starting on page 24

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 20

Care safety instructions
▷ page 27

Follow the Safety chapter
▷ starting on page 5


Electrical shock


Slipping hazard


Bruising or crushing hazard


Hot surfaces

Notice of property damage

- to the coffee machine
- to the installation location

> Always follow the User Manual.

IMPORTANT

Follow the Warranty chapter
▷ starting on page 43

Technical data
▷ starting on page 42

Note / tip

- Instructions for safe use and tips for easier operation.

NOTE

TIP

Glossary

Term	Explanation
•	• Listings, selection options
✻	✻ Individual steps
Text in italics	*Description of coffee machine state and/or explanations of automatic steps.*
Beverage dispensing	Dispensing coffee or hot water (such as for tea)
Carbonate hardness	Quoted in °dKH. The water hardness is a measure of the calcium dissolved in the drinking water.
Decaf	Decaffeinated coffee
SB mode (self-service mode)	Self-service customer operation
UCM	Universal Control module

3 Operation

3.1 Operation safety instructions

Burn hazard / scalding hazard

⚠ CAUTION

Follow the Safety chapter
▷ starting on page 5

- Do not touch the adjacent surfaces, because they can be hot.

> Before you brew coffee, put a suitable container under the brew basket.

> When dispensing hot water, 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.

Health hazard

⚠ CAUTION

Follow the Safety chapter
▷ starting on page 5

- Only use products that are suitable for consumption and for use with the hot water dispenser.

3.2 Powering up the Hot water dispenser

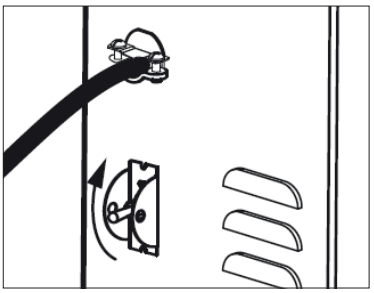
✻ Turn on the water supply valve.
✻ Turn the toggle switch on the back of the unit to the ON position. The water tank will begin to fill.

⚠ Connect the power cord only to the appropriate type and size electrical outlet. If the electrical outlet is not compatible with the power cord, have it upgraded by a licensed electrician. Do not modify the power plug. Do not use an extension cord. Do not use a power cord/plug that is damaged.

⚠ WARNUNG

Follow the Safety chapter
▷ starting on page 5

✻ Check the water supply line for leaks. While the water tank is filling (and whenever the water filter is replaced) you may hear the sounds of air being purged from the filter, tubing and water tank.
✻ Once the tank is full, the heating elements will turn on (the LEDs on the screen will chase upward). Depending on the incoming water temperature and the electrical specifications, the water tank typically requires 60 to 70 minutes to reach the factory set operating temperature. The bottom left LED will come on when the temperature is within 10°F (6°C) of the temperature setting on the control panel.



IMPORTANT

- When operating the hot water dispenser at higher elevations, reduce the factory set operating temperature (200°F/92°C) by 2°F/1°C for each 1000 ft./300 m of elevation above 4000 ft./1200 m.

✻ Dispense (350 ml) of hot water through the faucet to help purge any remaining air in the lines.

3.3 Hot water dispense

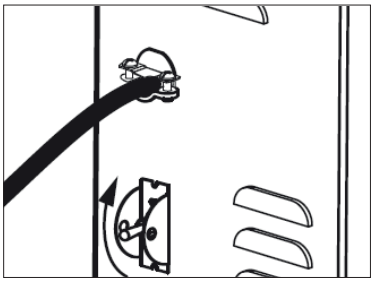
Scalding hazard

- This unit dispenses hot water.

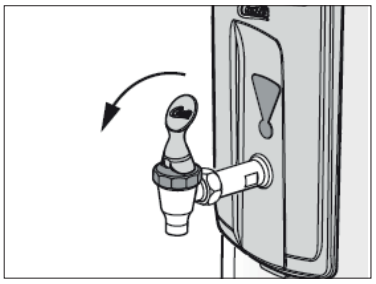
⚠ WARNING

✻ The rear toggle switch must be in the ON position. Press the ON/OFF (⏻) button to activate the control panel.

✻ Hold a cup under the faucet and pull forward on the handle to dispense.

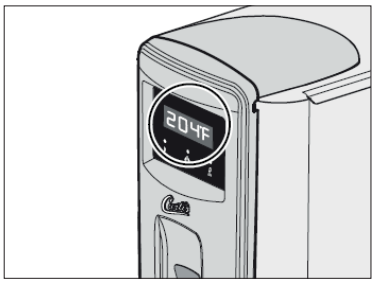


✻ The display indicates the current water temperature.* Or it can be set to say „HOT“ when the water reaches serving temperature. See Programming guide to change the control panel settings.



Change settings
Programming guide
▷ page 25

* If the water temperature is 10°F below the programmed temperature setting, the light on the display will chase.



3.4 Aerator

Scalding hazard

- This unit dispenses hot water.

⚠ WARNING

✻ The aerator pump will automatically come on every 30 minutes, for five seconds. When aeration is running, the display shows the LED bars chasing from left to right.

✻ Press the AERATION (AIR) button to manually pump air through the water in the heating tank any time you want. The aerator pump will run as long as you hold down the button.

4 Software

- When setting beverages, the same safety instructions apply as for operating the hot water dispenser.

> Follow all "Operation safety instructions".

⚠ CAUTION

Operation safety instructions
▷ page 20

4.1 Touchscreen Control Module

The touchscreen turns on whenever power is provided to the brewer and the rear toggle switch is on. The symbol buttons on the screen control operation and programming. Pressing the on-screen symbols and buttons with your finger tip activates the various functions. The default screen, as well as additional control buttons are shown below. The configuration of the default screen varies depending on the dispenser model.

4.1.1 Programming

Temperature (default is 204°F/96°C) - Press the TEMP button for one second to check the control panel water temperature setting. To change the temperature setting, press the TEMP button for three seconds. The temperature setting range is 60°C/140°F until 99°C/ 210°F. Press the left button (◀) or the right button (▶) to lower or raise the temperature.
Press ON/OFF (⏻) to save and exit.

HOT – Changing the display to read HOT, instead of the current temperature - Press and hold the TEMP button, at the same time, press and hold the ON/OFF (⏻) button. Release both buttons. The program is now changed and the LED screen will display „HOT". When „HOT" is displayed, pressing the TEMP button for one second will display the current water temperature.

°F/°C – Changing the display to Celsius (or changing back to Fahrenheit)

Note

NOTE

- The Fahrenheit/Celsius setting cannot be changed while the unit is set to display "HOT". Set the unit to display the temperature first, before changing the temperature scale .

Press and hold down the TEMP button for 10 seconds. The temperature reading will change to Celsius (or Fahrenheit). Release the TEMP button.

Energy Saver (Standard ist OFF)

- When the energy saver is set to „OFF", the unit continuously maintains the temperature setting programmed into the control panel.
- When the energy saver is set to „ON", the heating elements shut off four hours after the last dispense.
- When the energy saver is set to „60°C/140°F", the unit will begin to maintain the water temperature at 60°C/140°F, four hours after the last dispense.
- To return the unit into normal operation after the unit has gone into energy saver mode (ON or 60°C/140°F), press one of the control panel buttons or dispense some water.

To change the energy saver setting
Press and hold both the ON/OFF (⏻) and the TEMP button at the same time for 10 seconds. Use the scroll buttons, ◄ and ► buttons to select „OFF“, „ON“ or „60°C/140°F“. Press ON/OFF (⏻) to save and exit.

5 Care

Hot surfaces

- To avoid injury, allow the brewer and dispenser(s) to cool before cleaning.

⚠ WARNING

Note

- Do not use cleaning liquids, compounds or powders containing chlorine (bleach) or corrosives. These products promote corrosion and will damage the finishes. Use of these products will void the warranty.

NOTE

5.1 Care safety instructions

Regular cleaning is essential in order to ensure problem-free operation of the hot water dispenser and to ensure optimum water 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 hot water dispenser 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

5.2 Cleaning intervals overview

Care			
Daily	*Regularly*		
x	x	Cleaning The Water Boiler and Dispensing Head	▷ *page 29*
	x	Flushing the Pre-heat Coil	▷ *page 29*

Daily = Daily, at least once per day and as required
Regularly = Regularly at least once or twice per year and as required

5.3 Daily or regularly cleaning

- DO NOT immerse the water boiler in water or any other liquid.

⚠ WARNING

5.3.1 Cleaning The Water Boiler and Dispensing Head

The water boiler should be OFF. Turn the unit off by turning the rear toggle switch to the OFF position. Allow it to cool.

- ✻ Wipe exterior surfaces with a soft, damp cloth soaked with a mild detergent solution to remove spills and debris.
- ✻ Rinse with a soft cloth soaked with clean water to remove any residual detergent. Then dry.
- ✻ If applicable, remove the drip tray screen and rinse it off. Wipe out the interior of the drip tray with a soft, damp cloth. Replace the screen.

5.3.2 Flushing the Pre-heat Coil (Corinth Models)

It is recommended that the pre-heat coil be flushed twice a year by a technician.

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 is not carried out properly, dispensing beverages will constitute a food hygiene hazard point.
Observe the cleaning intervals as specified in the operating instructions, cleaning manual and cleaning concept.

"Food Hygiene Ordinance from 05.08.1997"

Use our HACCP cleaning schedule for monitoring of regular cleaning.

HACCP cleaning schedule

Month _____ Year _____

Cleaning steps:

1. Cleaning The Water Boiler and Dispensing Head
   ▷ User Manual (care chapter)
2. Flushing the Pre-heat Coil
   ▷ User Manual (care chapter)
3. Regular cleaning of the exteroir surfaces
   ▷ User Manual (care chapter)
4. Regular descaling
   ▷ User Manual (care chapter)

Date	Cleaning steps				Signature
	Time				
	1	2	3	4	
1.					
2.					
3.					
4.					
5.					
6.					
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11.					
12.					
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15.					
16.					

Date	Cleaning steps				Signature
	Time				
	1	2	3	4	
17.					
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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.

7.2 Curtis Service

Wilbur Curtis Co., Inc.
6913 Acco Street
Montebello, CA 90640 USA

Technical service:
Phone: +1 800-995-0417
Mail: techsupport@wilburcurtis.com
www.wilburcurtis.com

In Europe, please contact the Curtis service partner who installed the device.
If this is not known

WMF Service headquarters Germany:
Phone: + 49 (0) 7331 25 7257
Mail: kundencenter@wmf.de

8 Troubleshooting guide

⚠ WARNING

Electric Shock Hazard

- th following procedures are to be performed only by a qualified service technician. Disconnect power when replacing components. Lock out and tag the circuit breaker on units without a power plug. Neither Wilbur Curtis Co., Inc. nor the seller can be held responsible for the interpretation of this information, or any liability in connection with this use.

Scald and Burn Hazard

- Keep body parts clear of hot surfaces during toubleshooting.

8.1 Troubleshooting Guidelines

- If an error message appears on the display, consult the Error Codes section before troubleshooting.
- A hot water dispenser that is not level may not function properly. Make sure the hot water dispenser is properly leveled before proceeding.
- This troubleshooting guide identifies some, but not all, of the possible causes for common problems that can occur.

Water Not Hot Enough

✻ If the water heats, but is not hot enough, first check for the correct temperature setting on the control panel. Reprogram as neccessary.

Aeration (Air) Does Not Work

✻ If the AERATION (AIR) button works, but the unit does not aearate automatically every 30 minutes, the universal control module (UCM) is bad.

Water Tank Does Not Fill

IMPORTANT

- No water or low water in the tank can cause the tank to overheat, resulting in the thermostat reset switch opening. If after correcting a tank fill problem there is no power to the control panel, push the reset switch button to reset.

✻ Check to make sure the water supply is turned on. Check for a clogged water supply line, water filter or plugged inlet valve.

9 Safety and warranty

9.1 Hazards to the Hit water dispenser

Follow the manual

We do not accept any warranty for damage resulting from failure to observe this requirement.
Follow the conditions for use and installation.

Installation location

- The installation location must be dry and protected against water spray.
- Some condensate, or water can always be discharged from a hot water dispenser.

> Do not use the hot water dispenser outdoors.
> Set up the hot water dispenser so that it is protected against water spray.
> Always place the hot water dispenser on a water-resistant and heatproof base in order to protect the installation surface against damage.

IMPORTANT

Follow the Warranty chapter
▷ starting on page 35

Conditions for use and installation
▷ starting on page 13

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

- For drinking water with carbonate hardness from 9 °dKH or higher, a Curtis water filter must be fitted. Failing to use the water filter recommended by Curtis Service may damage the hot water dispenser (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 mains plug 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.

9.2 Directives

Manufacturer: Wilbur Curtis Co., Inc., Montebello, CA (90640 USA)
The device fulfils the requirements of all applicable regulations in the directives MD (MRL) 2006/42/EC, EMV directive (EMC) 2014/30/EU and RoHS 2011/65/EU.
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. Collecting technical documentation: WMF Group GmbH.
The original declaration of conformity is included with the machine. The device bears the CE mark.
The device fulfils the requirements of the German Food and Feed Code (LFGB), the Regulation on Commodities (BedGgstV), the EU regulation No. 10/2011 as well as the EC regulation No. 1935/2004 in the currently valid editions.
When used properly, the device does not present a health hazard or other unreasonable hazard.
The materials and raw materials used fulfil the requirements of the Regulation on Commodities as well as the EC regulations No. 10/2011.
Currently valid country-specific rules apply in countries outside of the European Union.
This device is subject to the directive on waste electrical and electronic equipment WEEE 2012/19/EU and may not be disposed of as domestic waste.
Requirements traceability pursuant to EC regulation No. 1935/2004 and Good Manufacturing Practice within the meaning of EC regulation No. 2023/2006 are ensured and guaranteed.

For disposal please contact Cutis Service.

Address
▷ page 32

9.3 Duties of the owner / operator

The operator of such equipment must ensure regular maintenance by Curtis Service technicians, their agents or other authorised 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.
For large-scale service, staff that has been trained in the use of the coffee machine should monitor the 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 (e.g., to DGUV Regulation 3) [German Accident Prevention Association or equivalent]. 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 authorised 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 (cleaning granulate).
Machine descaling may be performed only by Curtis Service.
The manufacturer's specifications regarding maintenance cycles and frequency of maintenance (▷Maintenance) must be followed.

9.4 Warranty claims

Follow the manual

- We do not accept any warranty for damage resulting from failure to observe this requirement.

> Follow the conditions for use and installation.

IMPORTANT

Conditions for use and installation
▷ starting on page 13

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.

The warrany covers original equipment at time of purchase only. Wilbur Curtis Co., Inc., assumes no responsibility for substitute replacement parts installed on Curtis equipment that have not been purchased from Wilbur Curtis Co., Inc.
Wilbur Curtis Co., Inc. will not accept any responsibility if the following conditions are not met. The warranty does not cover:

- Adjustments and cleaning: The resetting of safety thermostats and circuit breakers, programming and temperature adjustments are the responsibility of the equipment owner. The owner is responsible for proper cleaning and regular maintenance of this equipment.

Replacement of items subject to normal use and wear: This shall include, but is not limited to, spray heads, faucets, light bulbs, shear disks, "O" rings, gaskets, silicone tubing, silicone elbows, canister assemblies, whipper chambers and plates, mixing bowls, agitation assemblies and whipper propellers.

The warranty is void under the following circumstances:

- Improper operation of equipment: The equipment must be used for its designed and intended purpose and function.
- Improper installation of equipment: This equipment must be installed by a professional technician and must comply with all local electrical, mechanical and plumbing codes.
- Improper voltage: Equipment must be installed at the voltage stated on the serial plate supplied with this equipment.
- Improper water supply: This includes, but is not limited to, excessive or low water pressure and inadequate or fluctuating water flow rate.
- Damaged in transit: Equipment damaged in transit is the responsibility of the freight company and a claim should be made with the carrier.
- Abuse or neglect (including failure to periodically clean or remove lime accumulations): The manufacturer is not responsible for variation in equipment operation due to excessive lime or local water conditions. The equipment must be maintained according to the manufacturer's recommendations.

No warranty is provided:

- On any parts subject to natural wear and tear. This includes seals, 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 unit (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
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Appendix: Technical data

Technical data for hot water dispenser

External dimensions	Width 191 mm Height 654 mm Depth 649 mm
Water tank volume	18.96 litres
Brewed fill weight	approx. 37 kg
Water connector	1/4“
Water pressure	138-620 kPA
Min. flow rate	3.8 l/min.
Use at elevation above sea level	< 2.000 m
Nominal power rating	5500 W
Power supply	230 V 50/60 Hz (1 PH)
On-site fuse	23.9 A
Protection class	IP X0
Calibration pressure	Boiler 0.32 MPa (3.2 bar)
Continuous sound pressure level (Lpa)	< 70 dB(A)
Ambient temperature	+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 leveled 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.

Installation clearances	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 50 mm at the sides and 50 mm at the back. A minimum working space of 800 mm in front of the coffee machine is recommended. Clearance of at least 200 mm above the product hopper is recommended. A clear height of 1,100 mm from the top of the supporting surface should be ensured. The height of the installation surface above the floor should be at least 700 mm and max. 900 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.
Installation dimensions of the water filter	

We reserve the right to make technical modifications.

These specifications for the electrical connection and the standards quoted apply for connecting the coffee machine in EU countries. 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.

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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 equalisation currents between the devices, an additional potential equalisation unit should be planned for devices connected to the vending system (see DIN EN 50310 VDE 0800–2-310).

If the machine is intended to be installed in a large kitchen, it is recommended that it be equipped with a ground potential bonding conductor. The potential equalisation terminal is installed by Curtis Service if needed.

Appendix: Accessories and spare parts

Count	Unit	Description	Order No.	Parts No.
Accessories				
1	Pcs	WATER FILTER 10" CURTIS	03.6010.1329	CSC10AC00
Curtis customer care program				
1	Box	Special cleaning powder, 1,000g	33.0680.9000	
1	Pcs	Measuring spoon large	33.0742.3000	
1	Pcs	Clean-A-Bowl (Cleaning brush for cans)	33.6010.1164	CAB-1
1	Pcs	Java Jug Airpot (Cleaning brush for Airpot)	33.6010.1178	JB-1

Your nearest Curtis Service:

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G3 Hot water dispenser