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Due to continued product improvement, the products illustrated/photographed in this brochure may vary slightly from the actual product.

Professional
800 COLLECTION®

BKE820
Issue 1/08

Breville

BKE820 Variable Temperature Kettle
Instructions & Recipe Inspirations

Professional
800 COLLECTION®





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At Breville, we are proud of our innovations. Our Professional 800 Collection appliances are designed to be the best in their class. When we set out to design the Professional 800 Collection® we were determined to design an exceptional kettle and that meant designing a new variable electronic control with five different temperatures for optimal tea and coffee brewing.

Different teas need different water temperatures to bring out their best taste and quality. The Professional 800 Collection® Variable Temperature Kettle controls the temperature so that you can enjoy optimal flavour from your favourite tea and coffee. Keep Warm and Quiet Boil Technology features, together with the selection of premium materials, make the BKE820 the best of Breville.

Enjoy!



BREVILLE RECOMMENDS SAFETY FIRST

We at Breville are very safety conscious and design and manufacture consumer products with the safety of you, our valued customer, foremost in mind. In addition, we ask that you exercise a degree of care when using any electrical appliance and adhere to the following instructions.

IMPORTANT SAFEGUARDS FOR YOUR PROFESSIONAL 800 COLLECTION® VARIABLE TEMPERATURE KETTLE

- Carefully read all instructions before operation and save for future reference.
- Remove and safely discard any packaging material and promotional labels before using the appliance for the first time.
- To eliminate a choking hazard for young children, remove and safely discard the protective cover fitted to the power plug of this appliance.
- This appliance has been designed specifically for the purpose of boiling drinking quality water only. Under no circumstances should this product be used to boil any other liquids or foodstuffs.
- Do not place the kettle near the edge of a bench or table during operation. Ensure that the surface is level, clean and free of water.
- Do not place the kettle on or near a hot gas burner, electric element or where it could touch a heated oven.
- Keep the kettle clear of walls, curtains and other heat or steam sensitive materials. Minimum 200mm distance.
- Do not operate the kettle on a sink drain board.
- Always ensure the kettle is properly assembled before connecting to a power outlet and operating. Follow the instructions provided in this book.
- The kettle must be used only with the power base supplied.
- The kettle is not intended to be operated by means of an external timer or separate remote control system.
- Do not touch hot surfaces. Use the handle for lifting and carrying the kettle.
- Do not place anything on top of the lid.
- Always ensure the START/CANCEL has been pressed to CANCEL, then turn the power off at the power outlet and remove the power plug from the power outlet before attempting to move the appliance, when the appliance is not in use and before cleaning and storing.
- Use caution when pouring water from the kettle, as boiling water and steam will scald. Do not pour the water too quickly.
- To protect against electric shock, do not immerse the kettle base, power base, power cord or power plug in water or allow moisture to come in contact with these parts.
- Do not remove the kettle from the power base during operation. Ensure the kettle has switched off after the water has boiled or reached the selected temperature, before removing the kettle from the power base. If the kettle is removed from the power base during the Keep Warm function the kettle will automatically switch off.
- Do not move the appliance while it is switched on.
- Do not open the lid during operation.
- Keep the appliance clean. Refer to care and cleaning (page 15).



BREVILLE RECOMMENDS SAFETY FIRST (continued)

IMPORTANT SAFEGUARDS FOR ALL ELECTRICAL APPLIANCES

- Unwind the power cord fully before use.
- Do not let the cord hang over the edge of a table or counter, touch hot surfaces or become knotted.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with this appliance.
- It is recommended to inspect the appliance regularly. Do not use the appliance if power supply cord, plug or appliance becomes damaged in any way. Return the entire appliance to the nearest authorised Breville Service Centre for examination and/or repair.
- Any maintenance other than cleaning should be performed at an authorised Breville Service Centre.
- This appliance is recommended for household use only. Do not use this appliance for other than its intended use. Do not use in moving vehicles or boats. Do not use outdoors.
- The installation of a residual current device (safety switch) is recommended to provide additional safety protection when using electrical appliances. It is advisable that a safety switch with a rated residual operating current not exceeding 30mA be installed in the electrical circuit supplying the appliance. See your electrician for professional advice.

WARNING: DO NOT OPERATE THE KETTLE ON AN INCLINED SURFACE. DO NOT MOVE THE APPLIANCE WHILE IT IS SWITCHED ON.

WARNING: THIS KETTLE SHOULD BE USED WITH A RESIDUAL CURRENT DEVICE (SAFETY SWITCH) TO LESSEN THE RISK OF SCALDING OR OTHER INJURY FROM HOT WATER THAT MAY BE EJECTED IF THE HEATING ELEMENT ERUPTS. DISREGARD THIS POINT IF YOUR HOME IS FITTED WITH A RESIDUAL CURRENT DEVICE (SAFETY SWITCH).

KNOW YOUR BREVILLE PROFESSIONAL 800 COLLECTION® VARIABLE TEMPERATURE KETTLE





FEATURES OF YOUR BREVILLE PROFESSIONAL 800 COLLECTION® VARIABLE TEMPERATURE KETTLE

KEEP WARM FUNCTION

The Professional 800 Collection® Variable Temperature Kettle offers a convenient KEEP WARM function that can be used before, during or on completion of the water heating cycle. When the water has reached the selected Celsius temperature, the KEEP WARM function will hold the selected temperature for 20 minutes. If the 100° button is selected when using the KEEP WARM function, the boiled water will remain at approximately 95° Celsius for 20 minutes.



To activate the KEEP WARM function, first press the desired water temperature button from the five options on the control panel. Then press the KEEP WARM button, followed by the START/CANCEL button to commence heating the water. Alternatively, the KEEP WARM button can be activated at any time during the heating cycle and/or within one minute after the heating cycle has completed.

If the kettle is removed from the power base during the KEEP WARM function the kettle will automatically switch off.

NOTE: If temperature is changed during the KEEP WARM function, the START/CANCEL button surround will illuminate in red.

BREVILLE QUIET BOIL TECHNOLOGY

Your Breville Professional 800 Collection® Variable Temperature Kettle includes Quiet Boil Technology, a new development that will make heating water in the kettle a quieter experience.

Please carefully read the following instructions:

How it works

The innovative Quiet Boil Technology reduces the size of the air bubbles, minimising the noise level during heating. It is only at boiling point that a slight bubbling noise can be heard which will indicate that the water has completed heating.

Maintaining the Quiet Boil Technology

Through regular use over time, scale build-up in the kettle can affect the performance of the Quiet Boil Technology as well as the life of the kettle. Lime and phosphate are common forms of scale that can damage your kettle. Lime scale, a harmless mineral, comes in the appearance of white-coloured or rusty-looking build up on the inner walls of the kettle. Phosphate scale can't be seen, however, it can cause the water to appear cloudy when heated.

FEATURES OF YOUR BREVILLE PROFESSIONAL 800 COLLECTION® VARIABLE TEMPERATURE KETTLE

To prevent scale from damaging your kettle, ensure that the kettle is de-scaled regularly – refer to Care and Cleaning (Page 15). To avoid scale build-up, empty the kettle after use and do not allow water to stand in the kettle overnight.



VARIABLE TEMPERATURE CONTROL

The variable electronic control panel offers five different Celsius temperatures for optimal tea and coffee brewing: 80°, 85°, 90°, 95° and 100°.

Optimal Brewing

Tea varieties are grown and produced in different environments and require specific water temperatures to allow their unique flavour and aroma to develop during brewing. To bring out the optimal quality and taste of more delicate tea leaves, a lower temperature will produce a better flavoured cup of tea. For example, steeping green, white or oolong teas in boiling water may scald the tea leaves and result in a bitter, astringent brew.

Brewing the tea for too long may also result in a bitter, unpleasant taste, while brewing for too short a period may leave the tea bland. For best results always follow the specific directions on the tea/coffee packet.

To bring out the optimal taste and quality of your favourite tea or coffee, we recommend that you use your Breville Professional 800 Collection® Variable Temperature Kettle at the suggested temperature for your selected tea or coffee.

The Variable Temperature Control Table on Page 11 provides a guide to a range of tea and coffee varieties and the recommended temperature to select on the control panel of the Professional 800 Collection® Variable Temperature Kettle.



VARIABLE TEMPERATURE CONTROL TABLE

GREEN TEAS	WHITE TEAS	OOLONG TEAS	COFFEE	BOIL BLACK TEAS
Suited to 80°	Suited to 85°	Suited to 90°	Suited to 95°	Suited to 100°
ARABIAN NIGHT	APPLE	MOST OOLONG TEAS	DECAFFEINATED COFFEE	ASSAM
ASATSUYU	BLACK CHERRY		INSTANT COFFEE GRANULES	ANCIENT TREE
BANCHA	BLACKCURRANT		PLUNGER COFFEE	BAGGED TEA
CEYLON GREEN	CHINA YIN ZHEN		SUGGESTED TEAS AT 95°	CHAI
CHINA CHUN MEE	COCONUT		CEYLON	CHAMOMILE
DARJEELING GREEN	ELDERFLOWER		CHINA LAPSANG SOUCHONG	CINNAMON
DRAGON WELL	GINGER		CHINA ROSE	GOLDEN YUNNAN
GENMAICHA	LEMON		CHINA YUNNAN	HERBAL
GUNPOWDER	LYCHEE		DARJEELING	HUA
GYOKURO	MANGO		EARL GREY	LAPSANG SOUCHONG
JASMINE	ORANGE		ENGLISH BREAKFAST	LEMONGRASS
NEPAL GREEN TEA	STRAWBERRY		INDIAN CHAI	KENYA
PEACH			IRISH BREAKFAST	PEPPERMINT
SENCHA			KEEMAN	PU-ERRH
SHINCHA			NILGIRI	RED
			ORANGE PEKOE	ROOIBOS
			PASSIONFRUIT	SPEARMINT
			RUSSIAN SAMOVAR	WHOLE LEAF
			VANILLA	WULONG
			VIENNESE BLEND	

NOTE: This table is a recommended guideline only and may vary depending on personal preference, brand and age of tea/ coffee used. Experiment with your favourite tea/ coffee and adjust the temperatures and times to suit personal taste.

Operating



OPERATING YOUR BREVILLE PROFESSIONAL 800 COLLECTION® VARIABLE TEMPERATURE KETTLE

Before first use

Remove and safely discard any packaging material or promotional labels attached to your kettle. It is recommended that before first use to fill the kettle to the maximum level with cold tap water, bring to the boil by selecting the BOIL 100° button, then discard the water. Your kettle will only operate when positioned on the power base. The kettle will automatically switch off when the water has reached the selected temperature.

Operation of your kettle

1. To fill the kettle, remove the kettle from the power base and open the lid by pressing the lid release button. Fill with the desired amount of water. Always fill the kettle between the minimum (500) and maximum (MAX 1800) marks on the water window. Too little water will result in the kettle switching off before the water has boiled or reached the selected temperature.
2. Ensure the lid is closed and locked firmly into place. Position the kettle securely onto the power base. Insert the power plug into a 230/240 power outlet and switch on. The START/CANCEL and 100° BOIL button surrounds will illuminate in white for one minute. A beep will sound for two seconds. The START/CANCEL button surround will automatically switch off after one minute if not selected.

NOTE: If the START/CANCEL button is pressed (before selecting a temperature button), the START /CANCEL button surround will illuminate in red and the 100° button surround will flash in white and the kettle will start heating.

3. Select the desired water temperature by pressing one of the five variable Celsius temperature buttons (80°, 85°, 90°, 95°, 100°). The selected button and the START/CANCEL button surround will illuminate in white.

NOTE: The KEEP WARM function can be selected before, during or on completion of the water heating cycle (refer page 9).

4. Press the START/CANCEL button and the surround will illuminate in red, the selected temperature button surround will flash in white and the kettle will start heating. Do not remove the kettle from the power base during operation. Ensure the kettle has switched off after the water has boiled or the selected temperature has been reached before removing the kettle from the power base. If

the kettle is removed from the power base during the Keep Warm function the kettle will automatically switch off.

5. When the kettle has heated the water to the selected temperature, 3 beeps will sound, the START/CANCEL button surround illumination will switch off, and the selected temperature button surround will illuminate for 1 minute before switching off.
6. If the Keep Warm function has been selected, the Keep Warm button surround will remain illuminated in red, the selected temperature button surround will remain illuminated in white, and the kettle will continue to cycle on and off for 20 minutes.
7. If further heating of the kettle is not required, switch off at the power outlet, unplug the power cord and empty the water from the kettle. Replace the kettle onto the power base and close the lid.

OPERATING YOUR BREVILLE PROFESSIONAL 800 COLLECTION® VARIABLE TEMPERATURE KETTLE

NOTE: The default temperature setting of the kettle when switched on at the power outlet is 100°.

- When the kettle is switched off at the power outlet and switched back on, it will automatically default to the 100° temperature setting.
- When the kettle remains switched on at the power outlet and different temperature settings have been selected, the kettle will default to the last selected temperature setting.

WARNING: DO NOT OPEN THE LID DURING AND AFTER OPERATION. THIS MAY RESULT IN BOILING WATER SPLASHING FROM THE KETTLE. POUR ALL THE HOT WATER FROM THE KETTLE BEFORE OPENING THE LID TO REFILL.

NOTE: This kettle must be used only with the power base supplied. Use caution when pouring water from your kettle, as boiling / heated water and steam will scald. Do not pour the water too quickly.

NOTE: Always fill the kettle to between the minimum (500) and maximum (MAX 1800) marks on the water window on the kettle. Too little water will result in the kettle switching off. Filling above the maximum mark on the water window of the kettle may result in boiling/heated water splashing from the kettle.

Safety boil dry protection

The kettle is fitted with a safety device, which protects against overheating should the appliance be operated with insufficient water. If this occurs the kettle will stop heating and a continuous tone will sound, indicating a dry boil error has occurred. The START/CANCEL and KEEP WARM button surrounds will also flash in red. Switch off at the power outlet and allow kettle to cool before refilling. The safety device will automatically reset when the kettle has cooled sufficiently.

For additional safety your kettle is fitted with an additional thermal cut out. In the event of severe overheating the kettle will automatically shut down to prevent further damage. Should this occur, take your kettle to an authorised Breville Service Centre.

WARNING: THIS APPLIANCE IS DESIGNED FOR BOILING OR HEATING OF DRINKING QUALITY WATER ONLY. NEVER USE IT TO HEAT OR BOIL ANY OTHER LIQUIDS OR FOODSTUFFS. NEVER INSERT TEA OR COFFEE INTO THE KETTLE. THE LID SHOULD ALWAYS BE LOCKED SECURELY INTO THE CLOSED POSITION BEFORE USE.



Care and Cleaning

CARE AND CLEANING

Always switch off at the power outlet and unplug the appliance from the power outlet before cleaning.

Removable filter

The Breville Professional 800 Collection® Variable Temperature Kettle features a removable mesh filter to remove scale deposits for cleaner water. To clean the scale deposits from the filter, remove the filter by opening the lid and sliding the filter up and out of the kettle.

The filter can be cleaned by placing under running hot water and rubbing with a cleaning cloth or brush. To replace the filter, simply slide the filter down into the slot behind the spout of the kettle and push back into position.

Removal of mineral deposits

Mineral deposits in tap water may cause the kettle interior and water window to discolour over time. Mineral deposits may be removed by using a proprietary kettle descaler available from most leading supermarkets, department stores and hardware stores.

Alternatively:

1. Fill the kettle until two-thirds full with 1 part vinegar and 2 parts water. Boil and allow to stand overnight.
2. Empty the solution from the kettle. Fill the kettle with clean water, bring to boil and discard the water. Repeat and the kettle will be ready for use.

To clean the exterior

The outside of the kettle should be wiped with a damp cloth then polished with a soft, dry cloth.

NOTE: The filter could become damaged with time, so please check regularly and replace if found damaged.

NOTE: Do not use chemicals, steel wool, or abrasive cleaners to clean the inside or outside of the kettle.

WARNING: TO PREVENT DAMAGE TO THE APPLIANCE, DO NOT USE ALKALINE CLEANING AGENTS WHEN CLEANING. USE A SOFT CLOTH AND MILD DETERGENT.

WARNING: DO NOT REMOVE THE DIFFUSER RING LOCATED ON THE BASE INSIDE THE KETTLE.

WARNING: NEVER IMMERSE THE KETTLE BASE, POWER BASE, POWER CORD OR POWER PLUG IN WATER, OR ALLOW MOISTURE TO COME IN CONTACT WITH THESE PARTS.

Storage

Ensure the kettle is switched off, cleaned and dried before storing. Ensure that the lid is closed and locked securely into place. Wrap the power cord around the power cord storage under the power base. Stand the kettle upright on the power base. Do not store anything on top.