

# Blendtec®

## SignatureSeries™



Owner's Manual  
and User Guide

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## SECTION 1: IMPORTANT SAFEGUARDS

Read all instructions carefully before using your Blendtec® Signature Series™ blender.

The following important information is provided according to ETL and NSF International standards. Following the instructions provided in this manual will help prevent personal injuries and damage to the machine and will ensure that you have the best possible experience with your Signature Series.

Note: The instructions that appear in this manual are not meant to cover every possible condition or situation that may occur. Good judgment must be used when operating this or any other machinery.

### 1.1 SAFETY CERTIFICATION

The Signature Series is certified by ETL (Report Nos. 3018204-4, 3018204-2) to comply with UL standard 982 and to CSA C22.2#195.



The standards have been developed over many years to prevent injury, fire and damage. Part of the certification process includes quarterly audits to ensure that Blendtec is producing equipment to stringent criteria. This certification ensures that your Signature Series has been tested for electrical and mechanical safety.



### 1.2 HEALTH CERTIFICATION

The Signature Series and the accessories bearing the NSF mark are listed by NSF International. NSF standards have been developed over many years to prevent contamination from toxic substances and to ensure ease of cleaning. Part of the certification process includes an annual audit to ensure that Blendtec is producing equipment to stringent criteria. This certification ensures that your Signature Series has been tested for food/sanitation safety.

### 1.3 HOME USE

The Signature Series is intended for home use only. Any use of the Signature Series for commercial purposes will void the warranty.

### 1.4 USE AND SUPERVISION

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or a lack of operation knowledge unless they are supervised by a person responsible for their safety. Children should not be allowed to handle or use the machine without proper adult supervision.

## 1.5 AVOIDING CONTACT WITH MOVING PARTS

Follow the precautions below to prevent personal injury and damage to the blender:

- Keep hands, hair and clothing away from all moving parts.
- Never put hands in the blender jar or add substances by hand when the blender jar is on the motor base.
- Never touch the blade with your fingers, regardless of whether the jar is on the motor base.
- Keep all utensils away from the drive socket and blender jar blade during operation.
- Never place the jar on the drive socket if the blender motor is operating.
- Never remove the jar if the blender motor is operating.
- Do not rock or remove the blender jar during operation.

## 1.6 BLENDER BLADE

The blender blade is sharp. Be careful when adding ingredients to the jar and washing the jar.

## 1.7 MATERIALS NOT APPROPRIATE FOR USE IN THE BLENDER JAR

Never put metal (e.g., utensils), rocks or glass in the blender jar. Damage caused by such materials is not covered under the warranty. Utensils should only be used in the jar when the motor is not running.

## 1.8 JAR CAPACITY

Never operate the blender if the jar is filled higher than the capacity marked on the jar.

## 1.9 USE OF BLENDER LID

To prevent blender ingredients from flying out of the jar and making a mess, always secure the lid on the blender jar before blending.

## 1.10 HOT INGREDIENTS

Do not place hot ingredients in the blender jar.

## 1.11 SOUP CYCLE

When blending on the Soup cycle, blade friction will heat the contents. The vented lid will release the pressure. Be careful not to come in contact with any steam coming from the clear vented lid insert.

## 1.12 ATTACHMENTS NOT SOLD BY BLENDTEC

Do not operate the blender with any attachments not sold or endorsed by Blendtec. Using such attachments may cause fire and/or injury and will void the warranty.

## 1.13 CAUTION – TOUCHING DRIVE SOCKET AFTER EXTENSIVE USE

The blender drive socket and/or drive shaft may become hot after numerous cycles. Avoid touching either after using the blender extensively.

## 1.14 POWER CORD PRECAUTIONS

- Never operate the blender with a damaged cord or plug. If the supply cord is damaged, it must be replaced by Blendtec or an authorized service agent.
- Do not permit the cord to hang over the edge of the work surface.
- Never use an extension cord with the unit.
- Unplug the blender when not in use, before changing blender locations and before cleaning.

## 1.15 LIQUID

To protect against the risk of electrical shock, do not put the motor base in water or any other liquid. Do not use the blender outdoors, where it might be subject to precipitation. Damage resulting from such use will void the warranty.

## 1.16 POWER SWITCH

Turn the power switch off when you are finished using the blender. The power switch (ON/OFF switch) is located on the back of the blender motor base.

## 1.17 ADJUSTMENTS AND SERVICE OF MOTOR

Never attempt to disassemble the blender motor base. The base does not contain user-adjustable or user-serviceable parts. A qualified service agent must make all service adjustments. Disassembling or attempting to service the blender will void the warranty.

## 1.18 UNIT MALFUNCTION AND DAMAGE

If the blender malfunctions, stop using the blender. Call 1-800-BLENDTEC or 801-222-0888.

If the blender is dropped or damaged in any way, return the blender to Blendtec or a local authorized service agent immediately for examination, repair, electrical /mechanical adjustment or possible replacement.

**Note: Save these instructions for future reference.**

## SECTION 2: UNPACKING

Note: Save all packaging materials and instructions for future use.

### 2.1 UNPACKING YOUR BLENDER

You should have received the following items:

- Signature Series motor base
- Blender jar with vented lid
- *Fresh Blends* recipe book and *WildSide Jar Recipes* book
- Owner's manual
- Other accessories included in package offering

Additional literature may have been included depending on the package configuration.

To unpack your blender:

- Remove the blender motor base, jar and lid from the packaging.
- Unwind the power cord.
- Check for and remove any packing material blocking ventilation holes on the underside of the blender motor base.
- Inspect all items to ensure no damage occurred during shipping.
- If any damage has occurred, immediately call 1-800-BLENDTEC or 801-222-0888.

### 2.2 RECORDING THE SERIAL NUMBER AND DATE OF PURCHASE

Record the blender motor serial number, date of purchase and place of purchase in the spaces below. You will need this information if you contact Blendtec for service or questions.

Motor Serial No. (found on bottom of motor base): \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

### 2.3 REGISTERING YOUR BLENDER

Register your blender online at [www.blendtec.com/registration](http://www.blendtec.com/registration).

## SECTION 3: GETTING TO KNOW YOUR BLENDER

### 3.1 BLENDER JAR ASSEMBLY

The blender jar assembly consists of the following (see Figure 1):

- **Lid:** The flexible rubber lid keeps liquids in the jar during blending.
- **Clear vented lid insert:** Durable plastic; allows air and steam to escape. Can be removed for adding ingredients without removing the entire lid.
- **Jar:** Made from a durable, lightweight BPA-free material to provide maximum efficiency and visibility.

- **Blade assembly:** Uniquely designed stainless steel blade provides fast, consistent blending. Blade assembly is permanently attached.

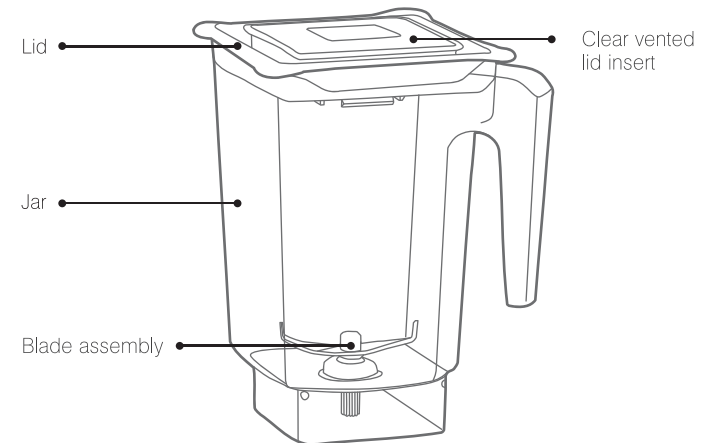
### 3.2 BLENDER MOTOR BASE

The blender motor base consists of the following (see Figure 2):

- **Blender drive socket:** Where the jar couples with the motor to turn the blade assembly.
- **Touch pad:** Features 12 buttons—5 buttons for preprogrammed blend cycles, 5 motor speed buttons, 1 pulse button and 1 stop button.
- **LCD information center:** Indicates status of unit as well as possible failure conditions. Also displays the number of times a blend cycle button has been pressed.
- **Power unit:** Located in the blender motor base. Contains the electronics that run the blender.

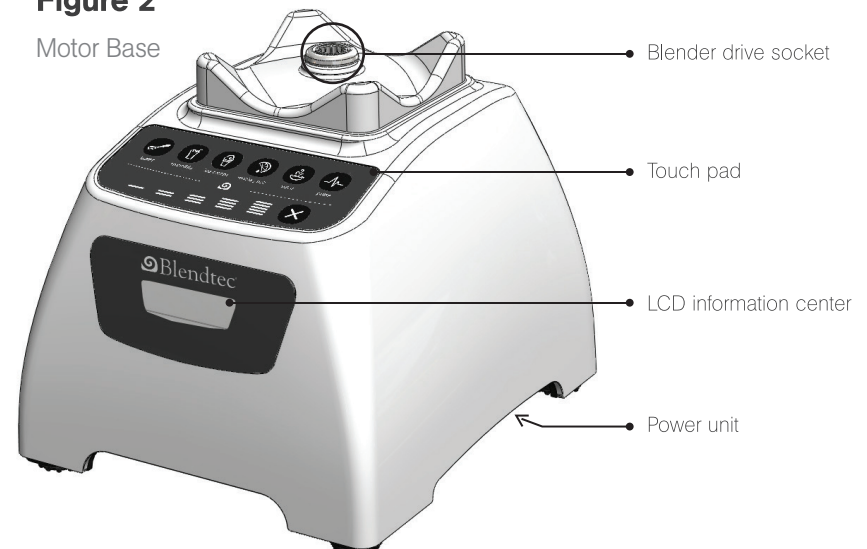
**Figure 1**

Blender Jar



**Figure 2**

Motor Base



## SECTION 4: INSTALLATION


- Place the motor base on a flat, clean and dry surface.
- Ensure an electrical outlet is within reach of the blender.
- Ensure the power switch is turned to the OFF position, and then plug the blender into an outlet.
- Ensure the blender vents are unobstructed, which will allow proper cooling during use.
- Turn the unit on.
- Place the blender jar, with the lid secured, on the blender base.

Note: We recommend plugging your blender into a GFI protected outlet. We also recommend washing and sanitizing your jar before first use.

## SECTION 5: OPERATIONAL OVERVIEW


### 5.1 QUICK RECIPE TIPS

Complete the following steps to start blending!



- Choose a recipe from *Fresh Blends* or *WildSide Jar Recipes*.
- Gather all of the ingredients.
- Load the blender jar as indicated in the recipe.
- Attach the lid to the jar; ensure the lid sits on the jar completely.
- Place the jar on the motor base, ensuring the jar is secure and fully seated on the base.
- Turn on the power switch located on the back of the motor base in the lower-right corner.
- Press the button indicated in the recipe. You can stop the cycle at any time by pressing “Stop” .
- When the cycle has finished, or you have manually stopped the blending, remove the jar from the motor base.
- Remove the jar lid, and serve as indicated by the recipe.


### 5.2 UNDERSTANDING THE CONTROL SURFACE BUTTONS

The control surface includes the following buttons (see Figure 3):

**Automatic cycles:** The Blendtec Signature Series has labeled buttons that activate preprogrammed blending cycles for various needs. These cycles run the blender at speeds that change during the course of the cycle, allowing the blender to draw the contents into the blending vortex and create the desired texture. When the blend cycle is complete, the blender automatically shuts off. If you want to stop the blender during the cycle, press .

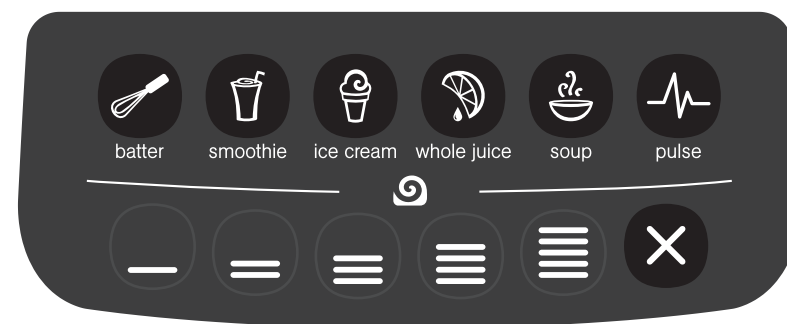
**Manual operation—speed buttons:** The five speed buttons

 allow you to manually control the blender speed. When you press a speed button, the blender will run at the selected speed and then shut off automatically after 50 seconds. To end the cycle before 50 seconds, press .

**Manual operation—“Pulse” button:** Use “Pulse”  to chop, mince, whip or do other quick tasks that do not require a long blend cycle. The motor will only run while the button is held down; release the button to shut off the motor.

Note: While a blend cycle is underway, you may instantly switch to another blend cycle or blending speed by pushing the desired button.

Figure 3



### 5.3 BLEND CYCLES

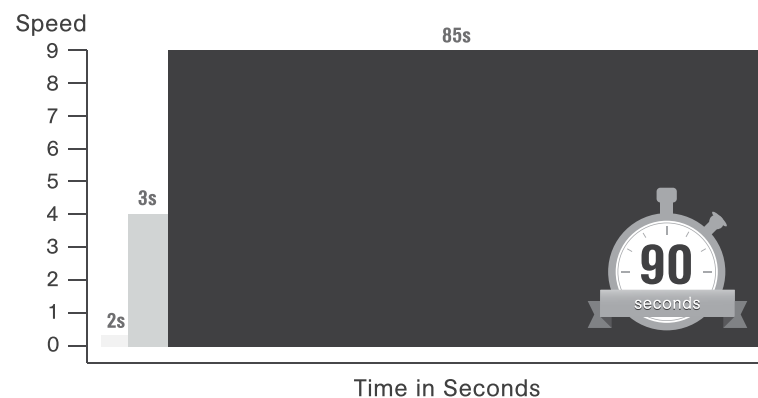
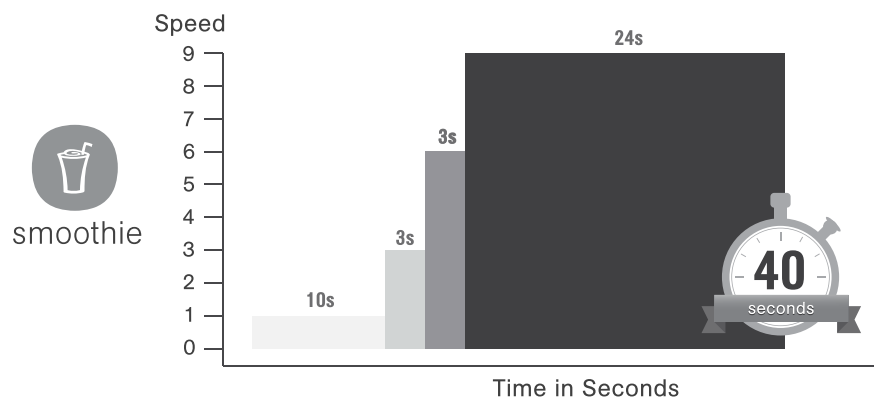
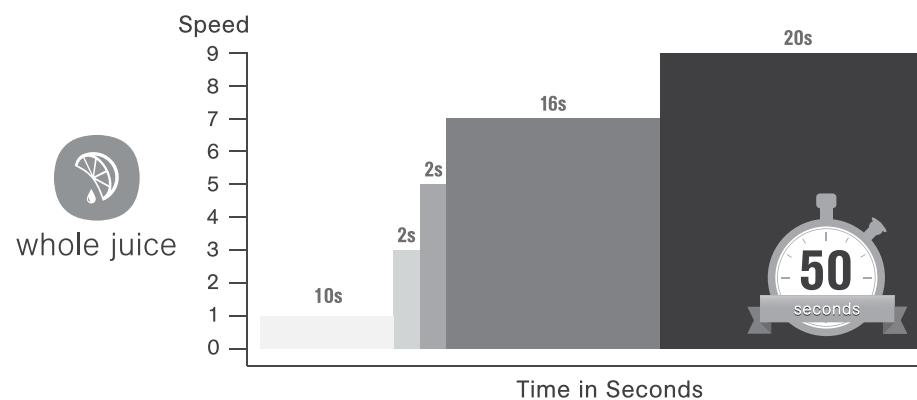
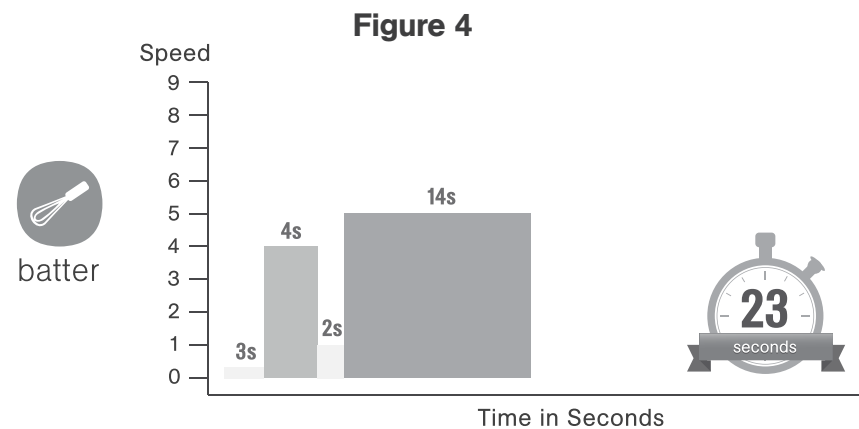
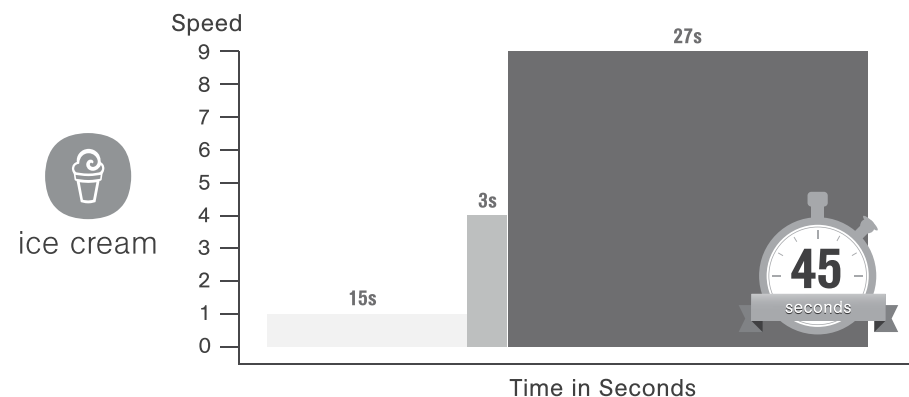
**Why blend cycles?** In the world of professional blending, there are many factors that go into making a delicious and consistent blended recipe. Different ingredients have different blending characteristics, and each ingredient must be considered. For example, ingredients that are thick and fibrous need to blend longer and at higher speeds than other ingredients. The Signature Series' blend cycles were developed based on these principles. With these blend cycles, you can make a virtually limitless number of recipes and achieve consistently impressive results.

**How will blend cycles help my recipes?** Blend cycles allow the Signature Series to produce consistent results across a wider range of recipes than any other home blender. During a cycle, the blender will speed up and slow down in a specific pattern based on the desired end results (see Figure 4). However, factors like the temperature of ingredients and the amount of liquid used will create different blending characteristics. *Fresh Blends* and *WildSide Jar Recipes* are designed for the typical amounts of liquid and the temperatures of ingredients. If your ingredients differ from the typical characteristics, you may need to include more or less ice or larger or smaller portions of ingredients. For example, if a drink is too thick to blend

adequately, reduce the ice a little or replace the ice with water or another liquid. The difference in blending will be easy to see.

With the unique blend cycles, combined with the high-powered motor, patented square jar, single wingtip blade and direct-drive coupling, the Signature Series will blend faster and more easily than other blenders. You will have a great blending experience and enjoy the delicious results.


**What blend cycles are on my Signature Series?** The Signature Series is preprogrammed with five carefully selected and designed blend cycles to make it easy for you to successfully complete a wide range of blending tasks. These cycles include Batter, Smoothie, Ice Cream, Whole Juice and Soup. *Fresh Blends* and *WildSide Jar Recipes*, included with your machine, contain instructions on which cycle to use for different recipes. Feel free to experiment and try different cycles with your own recipes. The charts in Figure 4 show the motor speeds and duration of each preprogrammed blend cycle.





## SECTION 6: CLEANING

### 6.1 AFTER-USE CLEANING

- Add 1 cup of hot water and 1 drop of liquid dish soap to the blender jar.
- Place the lid tightly on the jar. Place the jar on the blender base and press “Pulse”  for 5 seconds.
- Rinse with clean water until all soap is rinsed from the jar and lid.
- Place the jar and lid on a dish rack or dry by hand with a soft cloth.
- Unplug the blender base and clean it by wiping the base and control surface with a damp cloth.

### 6.2 LONG-TERM SANITATION

- For long-term sanitation, fill the blender jar with hot water.
- Add appropriate amount of liquid chlorine bleach.
- Stir for 10 seconds. Let the mixture stand in the jar for 5 minutes.
- Empty the water/bleach mixture. Turn the jar upside down on a dish rack to dry.

### 6.3 CLEANING TIPS AND CAUTIONS

- Do not use stiff-bristled brushes or abrasive cloths/pads to clean the blender base or jar; using such materials will scratch and dull the surface.
- Never submerge the blender motor base in water. Avoid submerging the blender jars for more than 5 minutes. If water penetrates the lower jar seals, the life of the jar will decrease.
- The blender jar is dishwasher safe on the top rack only. However, extreme temperatures (over 185°F, 85°C) can damage the jar material. Blendtec recommends hand-washing the jar to prolong the life of the jar.

## SECTION 7: TROUBLESHOOTING

While Blendtec does not expect you to have any problems with your blender, sometimes failures do occur. Use the following guidelines to troubleshoot any issues.

### 7.1 NO POWER

If the blender motor will not turn on, try the following:



- Determine whether the LCD display is lit. If the LCD display is not lit, the unit lacks power.
- Ensure the main power switch on the back is turned on.
- Check your house circuit breaker switch or fuse to ensure it is set to the ON position.
- Unplug the power cord, wait 5 seconds and then plug the cord back in.
- If blender still fails to function, call 1-800-BLENDTEC or 801-222-0888.

### 7.2 ERROR MESSAGES

- **Overload:** This message indicates an overload on the motor. Turn off and unplug the unit. Remove the blender jar from the motor base, and turn the shaft by hand to ensure the blade turns freely. If the blade does not move freely, check for any obstruction in the jar. The problem may also be the jar itself, not the motor. If the blade moves freely, plug in the unit and turn the blender on. If the overload condition reoccurs, call 1-800-BLENDTEC or 801-222-0888 for further assistance.
- **Overtemp:** This message indicates that the motor is overheating. The blender has been disabled until the unit cools to operating temperature. Turn off and unplug the unit. Allow it to cool for at least 20 minutes.
- **E-05 (Reset Error):** This message indicates a permanent failure of the electronics in the unit. Call 1-800-BLENDTEC for repair/replacement (see Section 8: Warranty).
- **E-04 (No Zero Crossing):** This message indicates failure of a component on the electronic board. Call 1-800-BLENDTEC for repair/replacement (see Section 8: Warranty).


### 7.3 NOISE-LEVEL CHANGES

If the blender noise has increased from the original levels, determine whether the sound is coming from the blender motor or jar.

- **Blender motor:** Remove the jar, and press “Pulse” . Listen to the motor. If it is excessively noisy, call 1-800-BLENDTEC for evaluation.
- **Jar:** After checking the motor, fill the jar with 2 cups of water and place back on the motor base. Run the blender for a few seconds by pressing . If you have more than one jar, test a different jar to determine whether the sound is different. If a jar is excessively noisy, or if the blade assembly seems loose or sounds gravelly when turned by hand, call 1-800-BLENDTEC.

### 7.4 UNSATISFACTORY BLENDED TEXTURE

If the blended texture of the mixture is lumpy or uneven, do the following:

- Ensure the mixture is not cavitating during the cycle. Cavitation is a condition in which an air pocket forms in the mixture because the mixture is too cold or too solid, causing the blender blade to spin freely. To correct this problem, increase the mixture temperature by reducing the ice, increasing the liquid and/or ensuring the frozen ingredients used in the recipe are not too cold.
- If the recipe is mixing well but has not had enough time to completely blend, try a longer cycle or touch and hold “Pulse”  for extra blending time.
- If none of the preceding suggestions work, call 1-800-BLENDTEC.



## SECTION 8: WARRANTY

### 8.1 WARRANTY DESCRIPTION (UNITED STATES AND CANADA)

The quality of Blendtec blenders is unsurpassed. You will enjoy years of wonderful and reliable use of your Blendtec Signature Series.

The motor base and jar assembly, including all moving jar parts, are covered against leaking and breaking for the warranty period as outlined on the included warranty/registration card. The warranty begins on the date of purchase.

Cosmetic damage, product abuse, unreasonable use, damage resulting from an accident (including fire, flood, earthquake and other natural disasters), product tampering, use of accessories not endorsed by Blendtec, service performed or attempted by unauthorized service agencies, units that have been modified and units that have been or are used for commercial purposes are not included under this warranty.

This warranty applies only to products sold by Blendtec and its authorized dealers.

Products intended for sale in the United States and Canada are only covered by the US and Canadian warranty, repair policies and procedures. Products used or sold outside the United States and Canada are subject to the applicable international warranty and service procedures. Using a machine outside the country it was designed for will void the warranty.

### 8.2 LIMITED WARRANTY

Blendtec warrants the blender motor to be free of defect in materials and workmanship for the warranty period. During this period, such defects will be repaired or the product will be replaced at Blendtec's discretion without charge. This warranty does not cover damage caused by misuse, accident or negligence. All implied warranties, including but not limited to implied warranties of fitness and merchantability, are limited in duration to the warranty period on the motor and jar. Any unit submitted for repair must be accompanied by proof of original purchase and should be shipped prepaid to:

Blendtec  
1206 South 1680 West  
Orem, UT 84058  
1-800-BLENDTEC  
1-801-222-0888

### 8.3 PROBLEMS UNDER WARRANTY

- Call 1-800-BLENDTEC immediately to diagnose any problem. Please be ready to provide the blender serial number, the date of purchase and a description of the problem. Do not attempt to complete your own repairs. The warranty will be voided if repairs are made by persons other than Blendtec authorized service agents. Many issues can be resolved simply and quickly over the phone.
- If the difficulty cannot be resolved over the phone, your unit may require repair/replacement. If the blender is under warranty, Blendtec will repair/replace the unit at no cost. (This policy does not apply to cosmetic damage and abuse.)
- Upon receiving instructions from Blendtec, box up your unit and enclose the following:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Motor Serial No. (found on bottom of motor base): \_\_\_\_\_

Cycle Count (from the LCD display): \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

Explanation of the Problem: \_\_\_\_\_

## 8.4 PROBLEMS OUT OF WARRANTY

- Call 1-800-BLENDTEC to diagnose the problem. Please be ready to provide the blender serial number, the date of purchase and a description of the problem. Do not attempt to complete your own repairs. Many issues can be resolved simply and quickly over the phone.
- If you wish to have the blender repaired, Blendtec will provide instructions on how to send your machine to the facility for an out-of-warranty repair.

When you ship your unit, please include the following:

Your Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Motor Serial No. (found on bottom of motor base): \_\_\_\_\_

Cycle Count (From the LCD display): \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

Explanation of the Problem: \_\_\_\_\_



1206 South 1680 West  
Orem, Utah 84058 U.S.A.  
1-801-222-0888

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