

Owner's Manual



Dear Customer!

I just wanted to personally thank you for trusting us with your purchase of our TORNADO blender!

Being a family owned and operated business, we genuinely value and care about every single one of our customers.

Should you ever have any questions, problems or feedback, please don't hesitate to contact us!

We genuinely want this TORNADO to be the last blender you will ever need to buy. This is NOT just another disposable product.

Even long after your Warranty has ended, we will support you with low-cost repairs or spare parts.

No matter what may break on this machine, we will be able to repair it for you.

I truly hope that your new TORNADO blender will play a big role in your family's daily life from now on going forward!

Best wishes,

Ingo

**Founder & Owner of the
TORNADO Blender Company /
DirectStoreUSA.com LLC**



P.S. Please consider visiting our website to find many videos that may help you understand and use your blender in the best possible way.

Lid



Lid Plug



**Stainless Steel
Container**



Centering Pad



Drive Socket



Motor Base

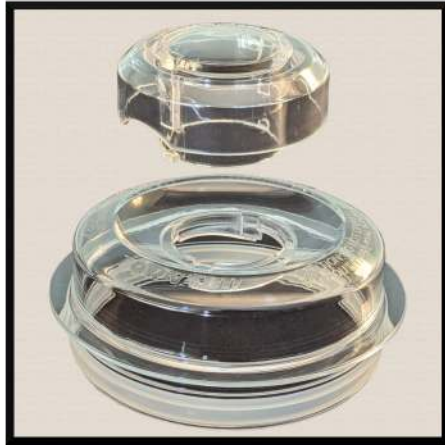


Important Safeguards

- Please read and follow these safety instructions carefully -

- 1. Please use caution and common sense when using this machine.**
- 2. To protect yourself against electric shock, do not put the motor base in or near water or any other fluid.**
- 3. Do not spray the motor base with water to prevent damage to your machine.**
- 4. The entire stainless steel container may become very hot during use, especially when blending hot mixtures or liquids. Please be extremely careful and do not touch any hot surfaces with bare hands.**
- 5. The gear shaft at the bottom of the container may become hot from the friction that is generated when operating the machine. Please do not touch the gear shaft immediately after use in order to prevent injuries or burns.**
- 6. Do not operate the machine with a damaged cord or plug.**
- 7. This blender is not intended to be used by children or individuals with impaired mental and/or motor skills. Individuals who lack experience in operating a blender need to be supervised during use.**
- 8. Always unplug the machine when not in use. Also unplug before cleaning and before putting on or taking off any parts.**
- 9. Never touch any moving parts.**
- 10. Keep hands and utensils out of the container when the motor is running to prevent the possibility of severe injury and/or damage to the machine. A rubber spatula may be used, but never while the machine is running.**
- 11. The tamper that comes with the machine can be used while the machine is running. However, the lid must be in place at that time.**
- 12. Do not let the machine or power cord touch hot surfaces or hang over the edge of a table or counter.**
- 13. The blades are sharp, so please use caution. Never touch the blades or use any utensils other than the tamper when the container is sitting on the motor base. Severe injury may result if the machine is accidentally turned on.**
- 14. Never operate the machine without the lid in place. The lid plug may be temporarily removed during operation in order to use the tamper or to add ingredients. We recommend that you never place the container on the motor base when the lid is not installed.**
- 15. When processing hot liquids (anything over 100°F): The lid and the lid plug must be installed at all times. This allows steam to escape naturally. Always be extra careful when blending hot liquids. Spraying from under the lid plug can occur, and escaping steam may cause scalding.**
- 16. Never try to remove or loosen the blade assembly. It is designed to remain installed at all times.**
- 17. Never leave the blender unattended while running.**
- 18. Ensure that you use this machine on a properly grounded outlet.**
- 19. Do not use this machine outdoors.**
- 20. Please save this Owner's Manual and make it available to all users.**

The Lid



The lid is identical on both the stainless steel and the plastic container.

How to install the lid on the container:

- 1. Place the lid on the container. You can install the lid in any orientation.**
- 2. Push the lid onto the container until it securely locks in place.**

Warning: **The lid must be in place at all times while blending.
Never operate the machine without the lid in place.**

Caution: **Never put your hands, spatulas or any other utensils
in the container while operating the machine.
The only tool you may use while operating the
blender is the tamper that came with your machine.**

- 3. The lid plug simply twists onto the main part of the lid.
To lock, turn clockwise approximately a quarter turn. To unlock, turn
counter-clockwise.**

How to remove the lid:

- 1. Take the container off of the motor base and place it on a solid surface.**
- 2. Hold the container with one hand, and push or pull the lid upwards.**

Using the Tamper

The tamper allows you to push ingredients down into the blade while the machine is running. This may be required if you are processing very thick mixtures, or in case an air pocket has developed around the blade.

By design, the tamper will not touch the blade if it is used with the lid installed.



Warning: The lid must be installed when using the tamper. Never use the tamper without the lid in place, as you may severely injure yourself and damage your machine.

How to use the tamper:

1. While the machine is running, remove the lid plug from the main part of the lid.
2. Especially when blending thick mixtures, we highly recommend to use the HIGH speed setting.
3. In order to secure the container, hold the handle of the container with one hand. You may also hold the container itself if this is more comfortable for you. Please know that the stainless steel container may become hot, so please use caution.
4. Using the other hand, stick the tamper through the opening of the lid and push the ingredients down into the blade.
If needed, you may move the tamper from side to side in order to help the processing of the mixture.
5. Once the mixture is flowing freely or you have achieved your desired texture, remove the tamper and install the lid plug.

Very important: Please don't be afraid to challenge the blender. It's a heavy-duty machine, and it's made to be used.

Control Panel

The LED flashes continuously when the machine is plugged into the power outlet. We encourage you to unplug the machine when not in use.



ON/OFF/STOP: Press this button to power on the machine. The LED is constantly illuminated when the machine is powered on. Another push powers off the machine. If the blender is running, press this button in order to stop the motor.

TIMER: These buttons allow you to set the timer. The timer can be set in 15 second intervals up to 180 seconds.

LOW: A push of this button starts the motor at low speed. Low speed is set to 12,000 RPM.

HIGH: A push of this button starts the motor at high speed. High speed is set to 30,000 RPM.

AUTO: A push of this button starts a pre-set program. The machine will be at HIGH speed for the majority of time, only interrupted by very short periods of LOW speed in order to improve the blending process. The program automatically ends after 120 seconds.

PULSE: Pushing this button starts the motor. The motor will run as long as you press the button. Releasing the button stops the motor. This button features a 'soft-start' – but it will ultimately reach HIGH speed.

Care and Cleaning

Container:

1. Fill the container half way with warm water. Add 2 drops of regular dish washing fluid.
2. Install the lid and the lid plug.
3. Place the container on the motor base and power on the machine.
4. Double check that the lid is securely in place. Set the TIMER to 30 to 60 seconds. Start the motor by pushing the HIGH button.
5. After the motor turns off, remove the lid and pour the soapy water into a sink. Rinse the container, lid and lid plug under running water and let it air-dry or wipe it dry with a soft cloth.
6. Store the container, lid and lid plug separately from each other to prevent any remaining humidity from being trapped within the parts.

Your blender basically becomes its own dishwasher. However, some very thick or sticky mixtures may require manual cleaning.

Please use non-scratch cloths/sponges. Be very careful and don't come in contact with the blades as they are sharp and may cut you.

Warning: There is no need to remove the blades for cleaning.
Never try to remove or loosen the blade assembly.
It is designed to remain installed at all times.

Please note: In order to protect the bearings inside the blade assembly as much as possible, do not rinse the bottom of the blade assembly excessively. Wiping it off with a damp cloth is the best way to clean the bottom of the blade assembly. Even though the bearings are sealed, excessive rinsing may wash out oils and shorten the lifetime of the bearings.

Do not put the container, lid or tamper in the dishwasher.
Doing so will void your Warranty on these parts.

The high temperatures and aggressive detergents in modern dishwashers are very harsh on any plastics and metals, and will inevitably shorten the lifetime of these parts.

In addition, lubricating oils may be washed out of the bearings and cause premature failure.

At the very least, you can expect cosmetic damages, especially on the stainless steel container.

Care and Cleaning

Motor Base:

1. Always unplug the power cord before cleaning the motor base.
2. Wipe the outside of the housing with a soft damp cloth or sponge.
3. If needed, you may also remove the centering pad from the motor base for more thorough cleaning.
4. When finished, please dry the motor base thoroughly with a soft cloth.

Warning: Do not immerse the motor base in water.
Do not spray the motor base with water.

Please note: The drive socket on top of the motor base is directly connected to the drive shaft of the motor. Avoid that water or other fluids accumulate around the drive socket. Immediately wipe off water and other fluids in order to avoid motor damage.

Sanitizing / Bleaching

In addition to the regular cleaning, you may also periodically sanitize / bleach your container.

1. Before you start, please perform a regular cleaning of your container as described in a previous section. Then, please proceed as follows.
2. Fill the container half way with warm water. Add 1 fl oz of liquid bleach.
3. Install the lid and the lid plug.
4. Place the container on the motor base and power on the machine.
5. Double check that the lid is securely in place. Set the TIMER to 60 seconds. Start the motor by pushing the HIGH button.
6. After the motor stops, let the mixture stand for an additional 60 seconds.
7. Pour the chlorine mixture out into a sink. Rinse all parts that came into contact with the chlorine thoroughly with clear water.
8. Ensure that all parts of the blender are completely dry before the next use.

Automatic Overload Protection

Your TORNADO blender is equipped with an Automatic Overload Protection. This system is designed to protect your motor and other key components from overheating.

If triggered, this feature shuts off your blender immediately in order to protect it from any possible damage.

A slight odor may be emitted in that situation - however, this is normal and nothing to be concerned about!

Should your Automatic Overload Protection ever be triggered, please follow the below instructions:

- 1. Unplug your TORNADO blender from the power outlet.**
- 2. Let the machine cool down for at least 15 minutes.**
- 3. The Reset button for the Automatic Overload Protection is located on the bottom of the motor base.**



- 4. Turn your motor base upside down and press the Reset button.**
- 5. Plug the machine back into the power outlet. Do not install the container. Do not put your fingers on or near the drive socket.**
- 6. Press the ON button, and then the LOW or the HIGH button. If the motor works again, you may go back to using the machine as you normally do. If it is still not working, please unplug it again and wait a little longer. Then repeat the above steps. This safety feature will eventually disengage and you will be able to use the appliance again.**

Please note: This feature is unlikely to be triggered under normal use and conditions. Even heavy duty commercial use normally does not trigger it because of an advanced cooling system. So if you experience this often, there may be a problem with your machine or you are not using the appliance properly. Should you experience continued triggering of the Automatic Overload Protection, please contact us so that we can work on a solution together.

Using your TORNADO

Now that you have become familiar with your new blender, it's finally time to get started!

With your TORNADO, the possibilities are endless:

- **Whole Food Juicing**
- **Blending**
- **Dry/Wet Chopping**
- **Preparing Frozen Treats**
- **Cooking Soups and so much more...**

Other brands like Vitamix®, NINJA® or Magic Bullet® spent millions of Dollars to develop recipes, cookbooks, videos and other fantastic content for their blenders (and obviously they passed on these costs to their customers).

We are a family owned and operated business, and we simply don't have the manpower and resources to create such content ourselves. So we decided to take advantage of what the big companies and their customers already put out there.

Most of these recipes, videos, websites and other contents are also available to all of you TORNADO owners – completely free of charge!

One of the best things about this machine is that you are in complete control over what you would like to do with it! So you can make any recipe your own, by customizing it just the way you like it!

The best way to get started is a visit to our website.

We created many videos and collected helpful links that will show you what your TORNADO is capable of.

www.TornadoBlender.com



Specifications

Thank you for reading through the Owner's Manual. We hope that you found all the information useful and easy to understand.

Should you have any questions or concerns, please contact us before using your machine. We will be happy to assist you!

TORNADO High-Performance Stainless Steel Blender

Wattage	1800 Watts
Voltage / Amps	120 Volts / 15 Amps
Hertz	60 Hz
RPM Low Speed	12,000 RPM
RPM High Speed	30,000 RPM
Container capacity (Stainless Steel)	68 fl.oz. (2 Liters)
Container capacity (BPA-FREE TRITAN™)	51 fl.oz. (1.5 Liters)
Width / Depth	8 ½ inches / 9 inches
Height (with Stainless Steel)	20 inches
Height (BPA-FREE TRITAN™)	18 inches
Weight (with Stainless Steel)	13 lbs 7 oz.



This machine is equipped with a USA 3-prong grounded plug.

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For more information, please visit:

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