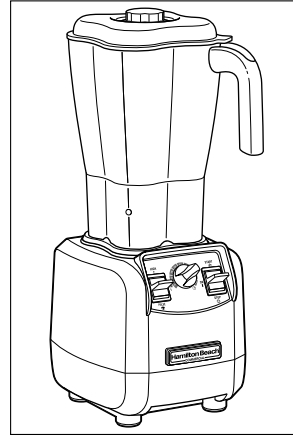


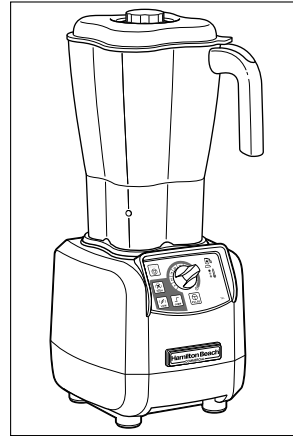
Hamilton Beach

COMMERCIAL

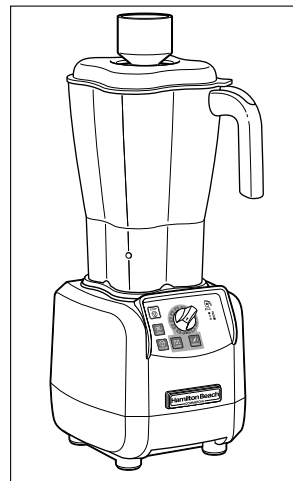
GB	High Performance Blender Operation Manual – Original (2)
FR	Mélangeur haute performance Manuel d'utilisation (8)
ES	Batidora de alto rendimiento Manual de operación (14)
PT	Liquidificador de Alto Desempenho Manual de utilização (20)
IT	Frullatore ad alte prestazioni Manuale d'uso (26)
DE	Hochleistungsmixer Bedienungsanleitung (32)
PL	Blender o wysokiej wydajności Instrukcja obsługi (38)
NL	Hoogwaardige blender Gebruikershandleiding (44)
DA	Højtydende blender Betjeningsvejledning (50)
SV	Mixer med högkapacitet Bruksanvisning (56)
NO	Blender med høy ytelse Bruksanvisning (62)
EL	Αναμείκτης (μπλέντερ) υψηλής απόδοσης Εγχειρίδιο λειτουργίας (68)
RU	Высокомощный блендер Руководство по эксплуатации (74)
TR	Yüksek Performanslı Blender Çalıştırma kılavuzu (80)
CN	高性能搅拌机 操作手册 (86)
KR	고성능 믹서기 사용 설명서 (92)
AR	خلاط عالي الأداء دليل التشغيل (103)



**HBH550R
Series**
(TYPE GB46)



**HBH650R
Series**
(TYPE GB44)



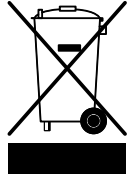
**HBF600R
Series**
(TYPE GB45)

This Operation Manual provides the user with instructions to safely operate, clean, and maintain the Blender. It is intended to facilitate use of the Blender (referred to as "appliance"). It is mandatory that all users in charge of installing, commissioning, operating, maintaining, repairing, or dismantling the appliance read this manual and be properly trained for all required responsibilities. This manual must be carefully kept at the workplace and be readily available for the user to consult.

The applicable safety, hygiene, and environmental standards/regulations enforced in the country where appliance is operated must always be applied during use.



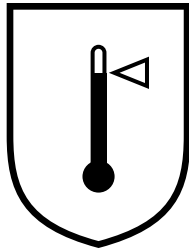
The declaration of conformity for this equipment is available in the Technical Support section of our website hamiltonbeachcommercial.com.



Recycling the Product at the End of Its Service Life

The wheeled bin symbol marked on this appliance signifies that this equipment should be taken over by a selective collection system conforming to the WEEE Directive so that it can be either recycled or dismantled in order to reduce any impact to the environment. The user is responsible for returning the product to the appropriate collection facility, as specified by your local code. For additional information regarding applicable local laws, please contact the municipal facility and/or local distributor.

Motor Protection Warning



The control display includes a motor temperature gauge light (HBH550R Series – , HBH650R Series and HBF600R Series – ) to indicate motor is overheating. When light is flashing, follow directions on page 7 to cool motor down. If motor stops during operation due to overheating, unplug blender and follow Troubleshooting directions on page 7.

Blender Safety

Safety Alert Symbols

The following safety alert symbols are used throughout this manual to alert you to the safety hazards described below.

Your safety and the safety of others is very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to hazards that can kill or hurt you and others.

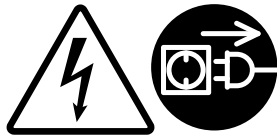
All safety messages will be preceded by the safety alert symbol and the word "WARNING." This word means:

WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

WARNING



Electrical Shock Hazard

Disconnect power before cleaning blender base.

Failure to follow these instructions can result in death or electrical shock.

WARNING



Cut Hazard

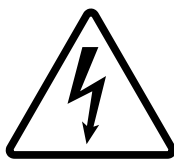
The blending blade is sharp.

Always place lid on container when blending.

Do not put hands, spoons, or other utensils in container when blending.

Failure to follow these instructions can result in broken bones, cuts, or other injuries.

WARNING



Electrical Shock Hazard

Plug into a grounded socket.

Do not remove ground.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

For Commercial Use Only

Technical Services

For assistance or replacement parts, call or email
Technical Services:

USA, Canada: 866-285-1087 or +1-910-693-4277,
commercial.support@hamiltonbeach.com

Mexico: 800 71 16 100,
mexico.service@hamiltonbeach.com

APAC Region: +86-400-930-2722,
hbcapac.support@hamiltonbeach.com

www.hamiltonbeachcommercial.com

Noise Level

The equivalent continuous sound level when equipment is operating at maximum speed on no-load is less than 81 dB(A).

Blender Safety

IMPORTANT: This operation manual should be reviewed with all equipment operators as part of your operator training program. Keep manual available in the work area for users' easy reference.

IMPORTANT SAFETY INSTRUCTIONS

WARNING – When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury to persons, including the following:

1. Read all instructions.
2. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they are closely supervised and instructed concerning use of the appliance by a person responsible for their safety.
3. This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.
4. Close supervision is necessary when any appliance is used near children. Children should be supervised to ensure that they do not play with the appliance.
5. Plug into a grounded electrical socket.
6. Do not remove ground prong.
7. Do not use an adapter.
8. Do not use an extension cord.
9. To protect against risk of electrical shock, do not put cord, plug, base, or motor in water or other liquid.
10. Do not spray the base with a high-pressure spray gun or steam cleaner.
11. Turn the appliance OFF (●), then unplug from socket when not in use, before putting on or taking off parts, and before cleaning. To unplug, grasp the plug and pull from the socket. Never pull from the power cord.
12. Avoid contact with moving parts. Do not attempt to defeat jar pad interlock sensor.
13. Do not operate any appliance with a damaged supply cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner. Supply cord replacement and repairs must be conducted by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard. Call the provided customer service number for information on examination, repair, or adjustment.
14. Do not use outdoors.
15. Do not let cord hang over edge of table or counter or touch hot surfaces, including stove.
16. Keep hands and utensils out of the jar and away from the cutting blade, while blending or chopping food, to reduce the risk of severe personal injury and/or damage to the blender or available attachments (attachments may not be provided with blender). A rubber spatula may be used but must be used only when blender is not running.
17. To prevent damage to blender, jar, or cutter assembly, DO NOT move or shake blender while in operation. If blending action stops during operation, turn blender OFF (●), remove jar from base, remove jar lid, and use a thin rubber spatula to lid mixture toward cutters.
18. Blades are sharp; handle carefully—especially when emptying or cleaning the blender jar.
19. Inspect jar and cutter assembly daily. Do not use broken, chipped or cracked jar. Check cutter for wear, nicks, or broken blades. Do not use broken or cracked cutting blades.
20. If cutter assembly blades are loose, discontinue use immediately and replace cutter assembly. Do not attempt to repair or tighten cutter assembly.
21.    **WARNING:** Do not operate without lid in place. Always operate blender with lid in place. Remove filler cap only for adding ingredients.
22. Do not use appliance for other than intended purpose.
23. Do not leave blender unattended while it is operating.

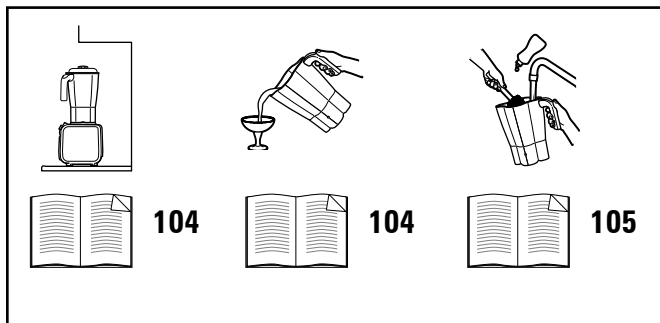
24. Check that the appliance is OFF (●) before plugging cord into wall socket. To disconnect, turn the control to OFF (●); then remove plug from wall socket. To unplug, grasp the plug and pull from the socket. Never pull from the power cord. Do not attempt to defeat jar pad interlock sensor.
25. **CAUTION!** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
26. This appliance is intended to be used for commercial applications, for example in kitchens of restaurants, canteens, hospitals and in commercial enterprises such as bakeries, butcheries, etc., but not for continuous mass production of food.
27. When blending hot liquids, remove filler cap or dosing cup of the two-piece lid and close any lid openings along the edge intended for pouring. Hot liquids may push lid off jar during blending. To prevent possible burns: Do not fill blender jar beyond the 32 ounce (.9 L) level. With the protection of an oven mitt or thick towel, place one hand on top of lid. Keep exposed skin away from lid. Start blending at lowest speed.
28. Be careful if hot liquid is poured into the blender container as it can be ejected out of the appliance due to a sudden steaming.
29. This appliance is intended for short periods of operation under maximum load, with a rated operating time of 3 minutes.

SAVE THESE INSTRUCTIONS

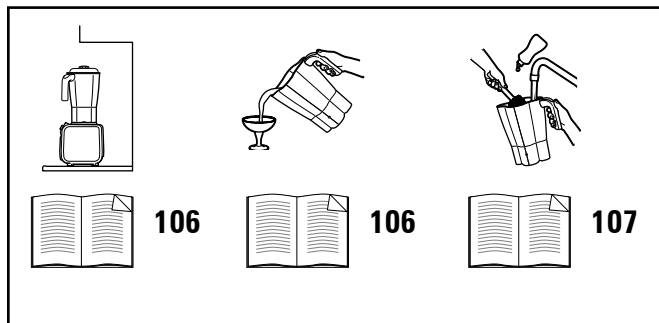
For HBH550R Series

WARNING: Light indicates ready to operate. Avoid any contact with blades or moveable parts.

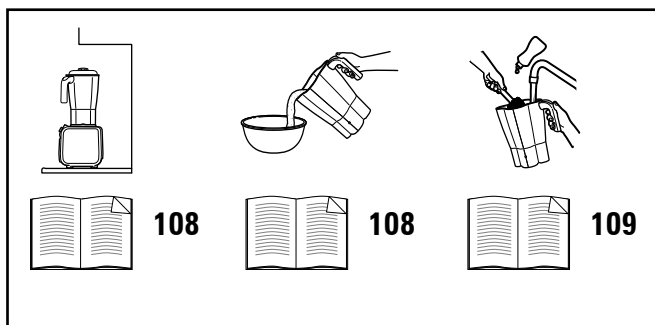
For HBH550R Series



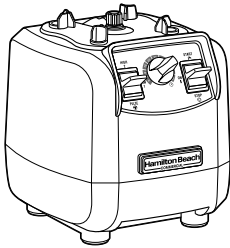
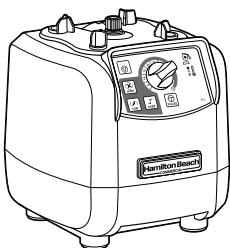
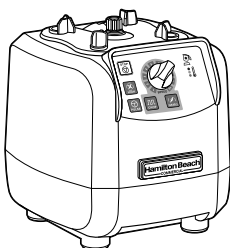
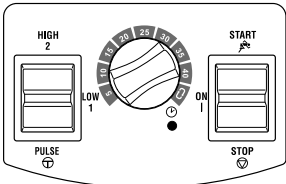
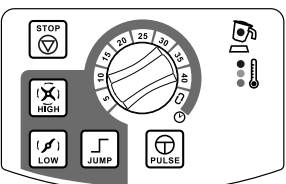
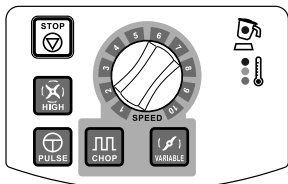
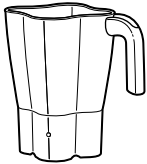
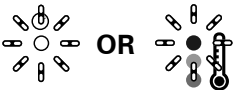
For HBH650R Series



For HBF600R-CE Series



Parts and Features

Blender Base	 HBH550R Series	 HBH650R Series	 HBF600R Series
Control Panel			
Operation	Timer Control HIGH/LOW/PULSE START/STOP	STOP/HIGH/LOW JUMP/PULSE	STOP/HIGH/PULSE CHOP/VARIABLE
 Removable Filler Cap	X	X	
 Removable Lid	X	X	X
 Removable Dosing Cup			X
 64 oz. Clear Jar	X	X	X
 Removable Jar Pad	X	X	X
 ON (I)/OFF (O) POWER Switch (bottom of Blender)	X	X	X
 OR  Motor Protection Warning			
 Jar Pad Sensor	X	X	X

Sanitizing

Sanitize using 1 Tablespoon (15 mL) of household bleach per 1 gallon (3.8 liters) of clean, cool water (60°F/16°C), mixed according to the instructions on the bleach.

1. Fill Jar with sanitizing solution, replace Lid and Filler Cap or Dosing Cup and run on LOW speed for 2 minutes. Empty Jar.	4. Place empty Jar on Base and run on HIGH speed for 2 seconds to remove any moisture from the cutter assembly.
2. Wipe exterior with soft cloth dampened with sanitizing solution.	5. When ready to use, rinse with clean water.
3. Immerse Lid and Filler Cap or dosing Cup in sanitizing solution for 2 minutes.	

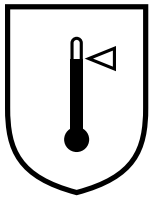
Maintenance

Inspect the Blender and its various parts and replace as follows:

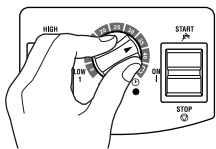
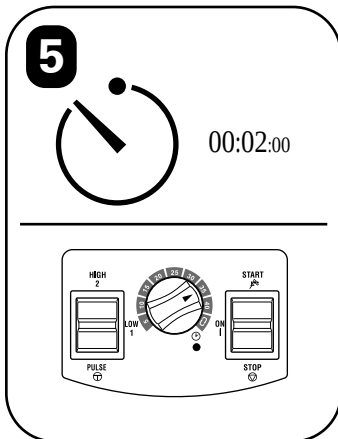
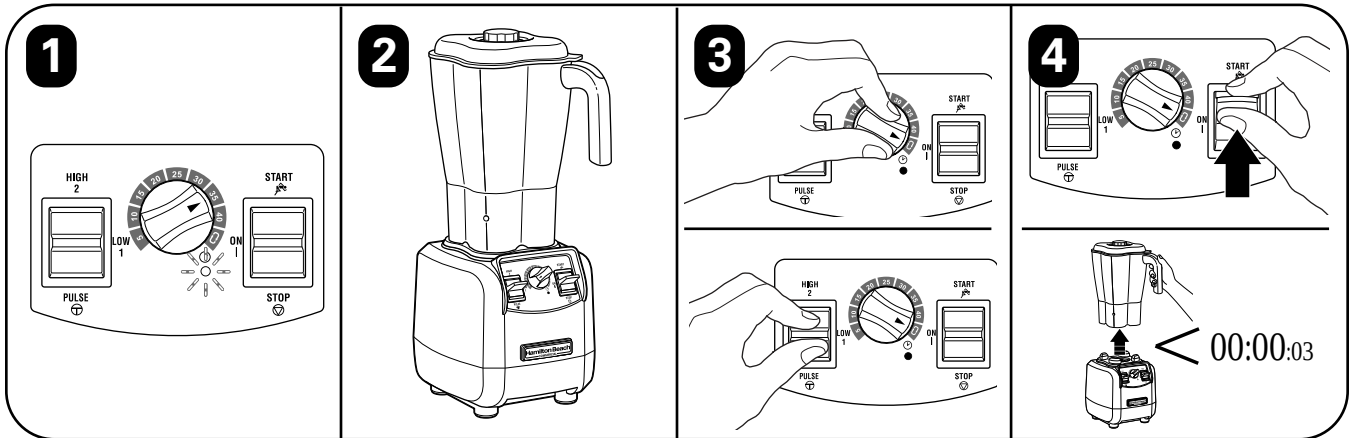
Daily	Unplug the Blender and remove Jar from Blender Base, then inspect Jar and cutter assembly for wear, nicks, and broken or loose blades. Replace if necessary. If blades are loose, discontinue use immediately and replace blades. Do not attempt to repair or tighten cutter assembly. See "Technical Services."
Weekly	Unplug the Blender, then inspect power cord insulation and power plug for cracks. Refer to "Technical Services" for repair or replacement.
Quarterly	Replace Jar and cutter assembly as needed if inspection finds wear, nicks, or broken or loose blades. See "Technical Services."

Troubleshooting

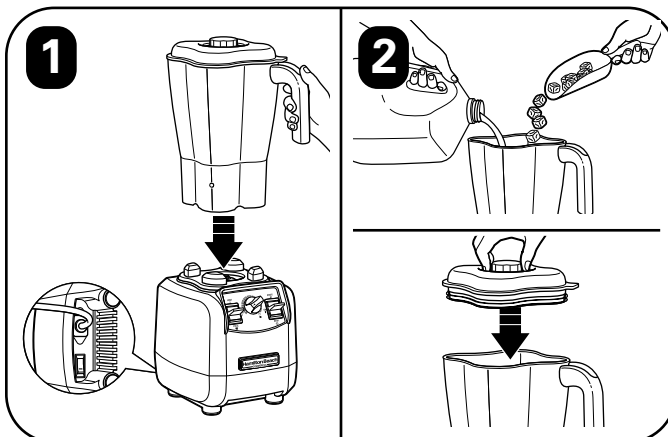
Problem	Solution
Blender fails to start, or stops while it is running and cannot be restarted.	• Check to see if unit is securely plugged into an electrical socket. • Check to see if integrated circuit breaker has tripped and reset it, if needed. • Check to see if fuse for electrical socket has blown or if a circuit breaker has tripped. • If motor stops during operation due to overheating, unplug and allow the unit to cool down for 15 minutes. Plug unit back in after 15 minutes to resume normal operation.
Ingredients will not mix properly.	• Check to see if enough liquid has been added to the ingredients. Mixture should be fluid and free-running at all times. • Solid pieces are too large. Pieces should not exceed 1" cubes. • Jar is too full. Do not fill past highest graduation marking. • Cutter assembly blades are not sharp or are damaged. Inspect Jar and cutter assembly daily. Replace Jar and cutter assembly as needed if inspection finds wear, nicks, or broken or loose blades. See "Technical Services." • Check to see if cutter assembly is installed properly. • Select speed to create a fluid blend.

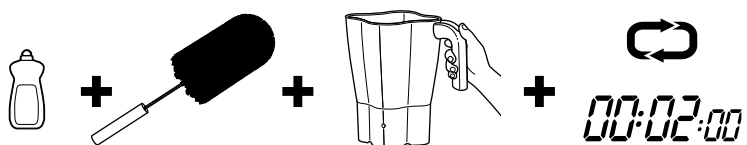
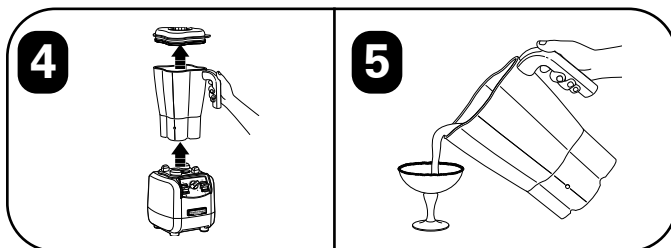
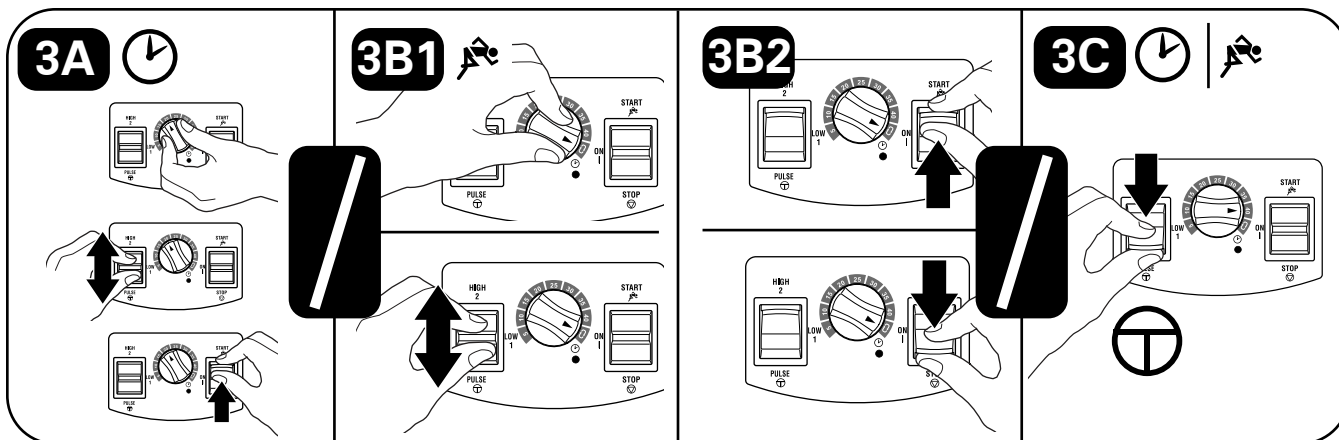


HBH550R Series

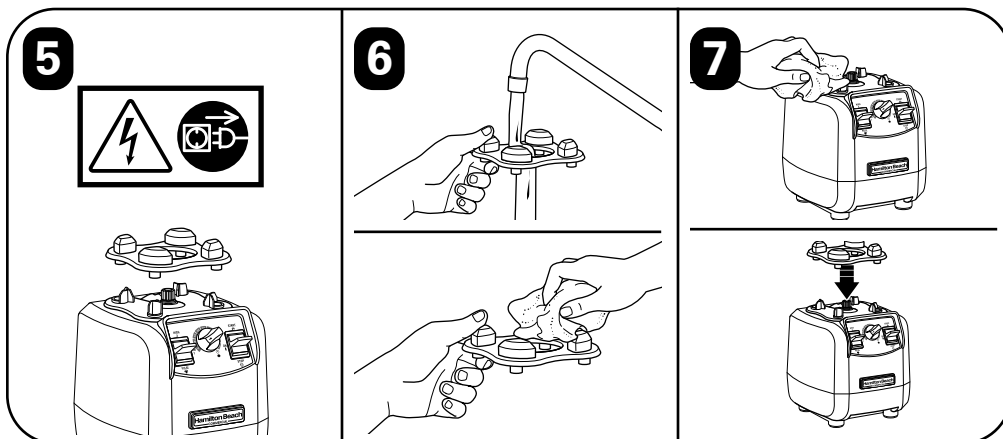
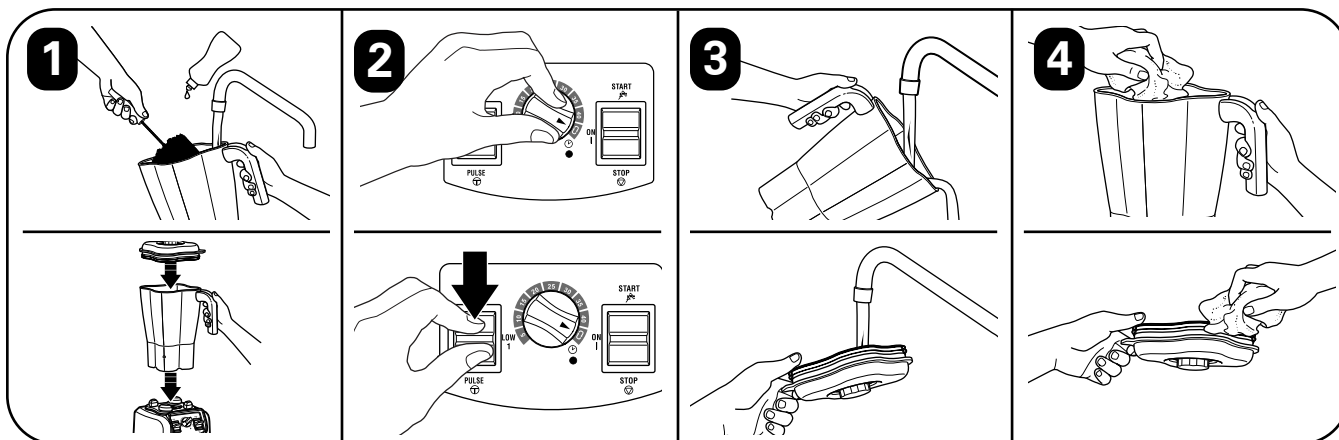


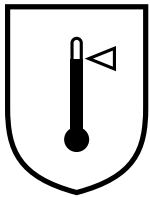
HBH550R Series



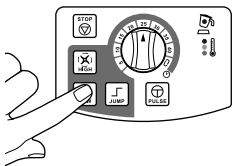
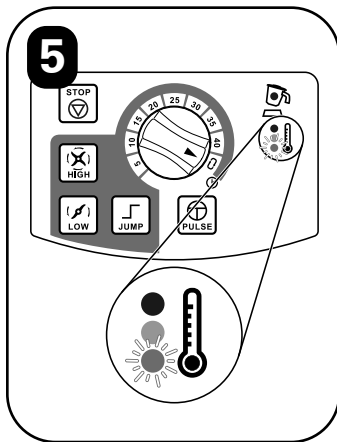
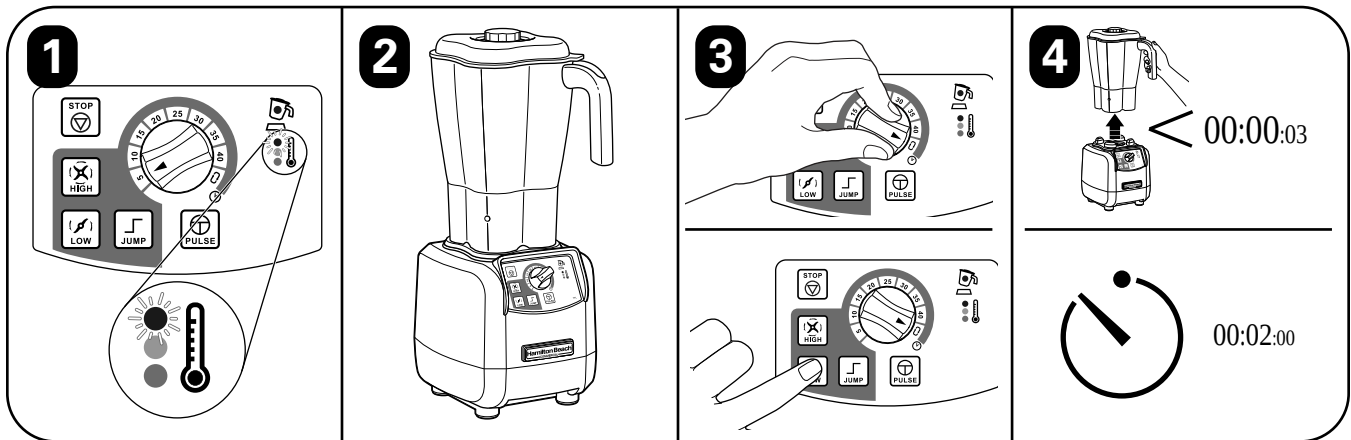


HBH550R Series

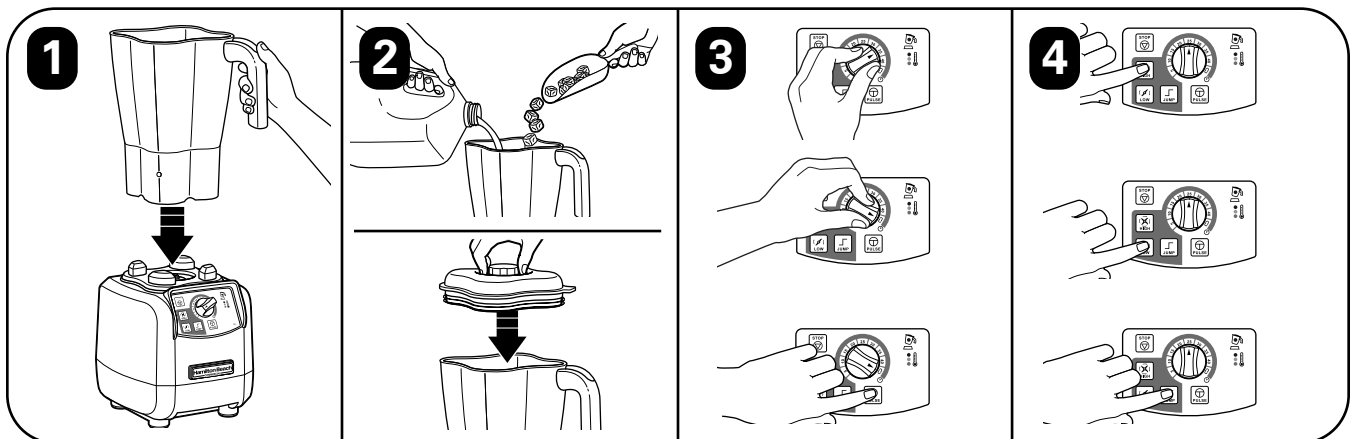


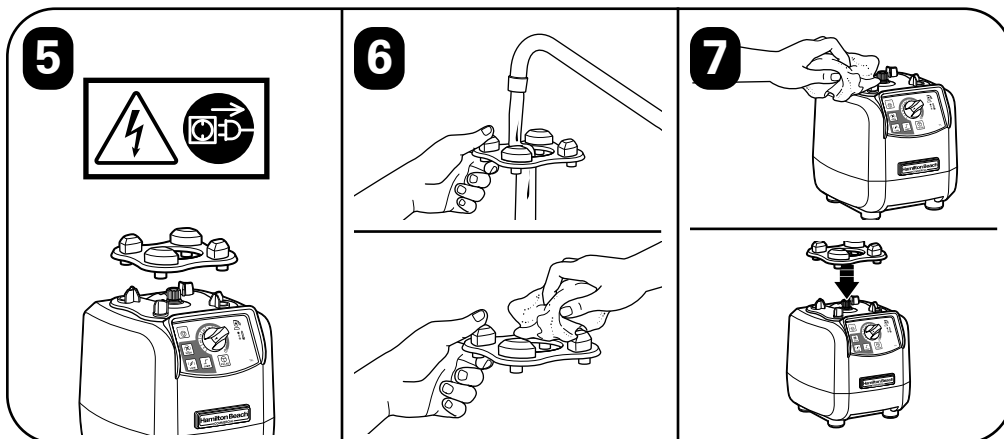
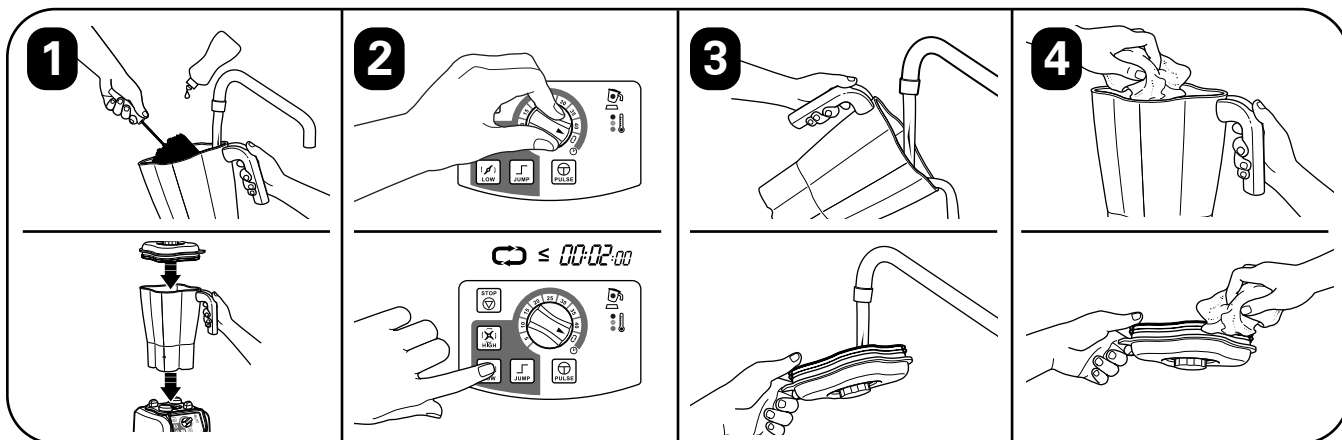
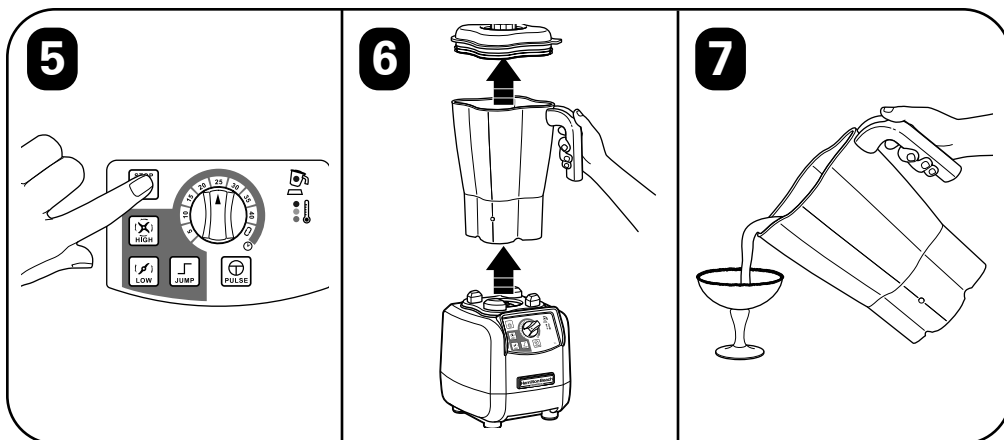


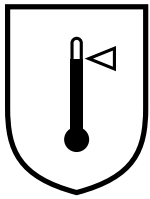
HBH650R Series



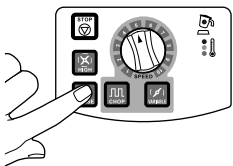
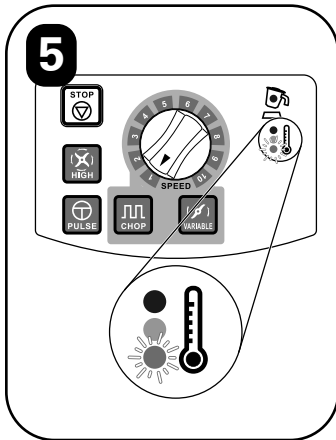
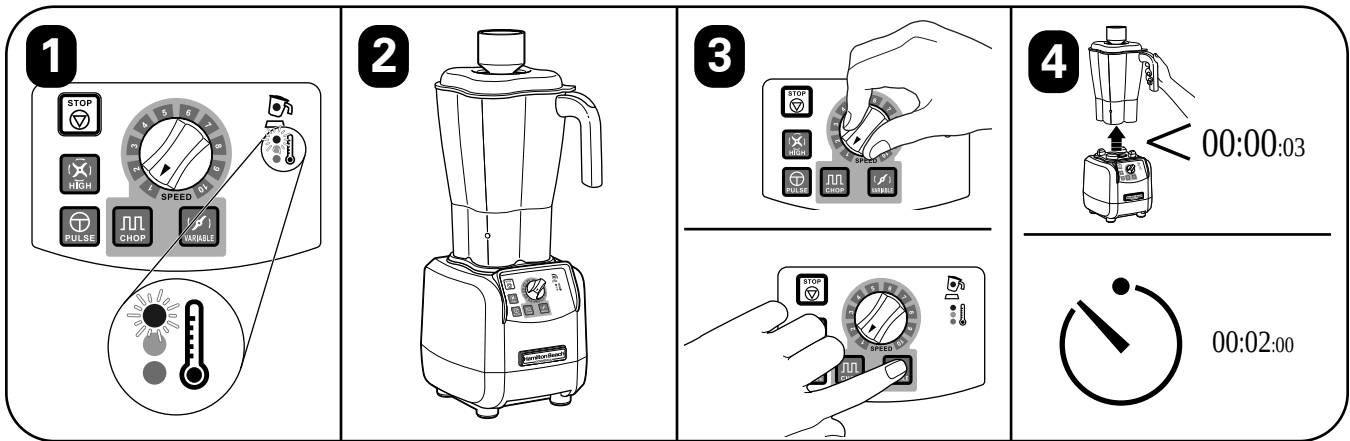
HBH650R Series



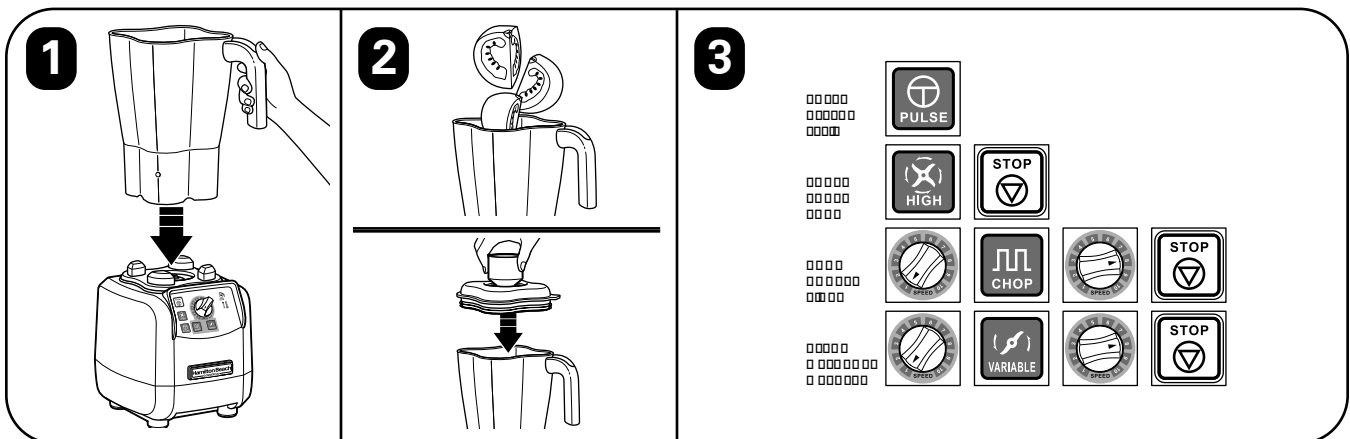


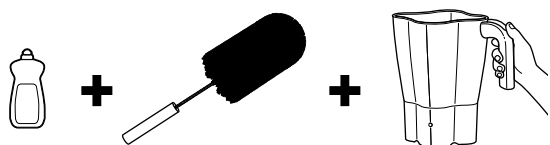
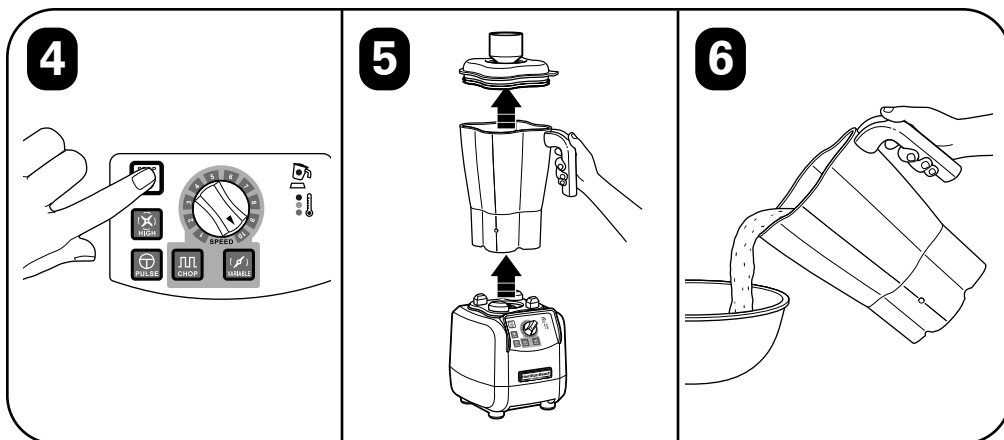


HBF600R Series



HBF600R Series





HBF600R Series

