FOR OUTDOOR USE ONLY

AGA 7302

Nominal rate: 9,000 BTU/h.
2.64 kW h.
203 g/h.

CARBON MONOXIDE, FIRE & EXPLOSION HAZARD

There are serious hazards associated with using this stove and fuel. Accidental fire, explosion, and misuse can cause death, serious burns, and property damage. You are responsible for your own safety and the safety of those in your group. Please use good judgment.

This stove is for OUTDOOR USE ONLY. Never use this stove in a tent, washbowl, car, or inside any enclosed area. This consumer appliance produces carbon monoxide gas, which is poisonous and has no odor. This stove can easily ignite nearby combustible materials and flammable liquids or vapors. If you use this stove in an enclosed area you can be killed or seriously burned.

Keep stove and fuel canister away from other heat sources. Never use non- Reactor cookware, reflectors, or diffusers. If you expose the fuel canister to high temperatures, it will explode and you can be killed or seriously burned.

Never use this stove in any enclosed space, or for a purpose other than boiling water or cooking food. Always completely follow safety, use, operation, and maintenance instructions for this or any other stove. Never let children use this stove. Keep children at least 10 feet (3 m) away from the stove and cooking area, and supervise them at all times.

READ, UNDERSTAND, AND FOLLOW ALL instructions and warnings in this manual before using this stove. Failure to follow warnings and instructions can result in death, serious burns or other injury, and property damage.

INSTRUCTION MANUAL

For product service and information contact
Cascade Designs, Inc.
4000 First Avenue South, Seattle, WA 98134 USA
1-800-531-9531 or 206-505-9500
www.msr.com

Printed on recycled paper containing 30% post-consumer waste.

11/02/12
KNOW YOUR MSR® REACTOR® STOVE
Please familiarize yourself with the parts of your Reactor stove and the following instructions before connecting the stove to its fuel canister. Never use this stove in any other way than is described in the following instructions.

REACTOR® STOVE OPERATING INSTRUCTIONS

1. CONNECT STOVE AND CANISTER

Reactor stove and Reactor cookware work together as an integrated unit with the fuel canister and require no other cooking accessories. This unique stove system vastly reduces cooking time and improves fuel efficiency.

1. Close Flame Adjuster
   a. Turn Flame Adjuster clockwise.
2. Finger-tighten stove onto fuel canister until connection is secure.

DANGER
Never use tighter fuel canister to stove. Over tightening can damage stove or canister causing fuel to leak. Leaking fuel can cause fire, burns, severe injury or death. Use only MSR® Reactor-stove approved canisters. Never attempt to fit other types of gas canisters. For any fuel canister 80 IsoButane/20 Propane mix, certified to EN 417 (4 ounces/113 g or 8 ounces/227 g). Do not attempt to fit other types of gas canisters. For any fuel canister, follow this safety information:

- Listen and smell for leaking gas. Leaking gas is a serious hazard. IOP is inaudible and colorless, and strong odorless additives can fade over time. Leaks are not always detectable by smell. Do not use the stove if it is leaking, damaged, or does not operate properly.
- Check that the stove and fuel canister connection is secure and tight. If the connection does not leak or feel secure, or if you hear or smell leaking gas, do not use the stove or canister. Move stove to a well-ventilated area away from any ignition source to locate and stop the leak. Only check for leaks outdoors using soapy water. Do not try to detect leaks using a flame.
- Only change the canister outside and away from people.
- Never use fuel canisters larger than 8 ounces (227 g) or more than 4 inches (10 cm) in height, because oversized canisters increase stove instability.
- Check the seals before connecting a new fuel canister to the stove. Do not use stove if seals are damaged or worn.
- Keep stove and fuel canister away from other heat sources. If you expose the fuel canister to high heat, the canister will explode or leak and you can be burned, injured, or killed.
- Follow all warnings on fuel canister regarding use and storage.

DANGER
Never use stove if Flame Adjuster valve is left open. If Flame Adjuster valve is left open, close it immediately and thoroughly ventilate area before lighting stove.

2. SETUP STOVE

1. Clear cooking area of combustible materials and flammable liquids or vapors.
2. Place stove assembly on a solid, stable, even surface to ensure stability. Use MSR® canister stand when using canisters with a diameter less than 4 inches (10.2 cm).

NEVER USE ACCESSORY MESSKINER

5. TURN STOVE OFF

1. When cooking is done, close Flame Adjuster.
2. Allow burner stops glowing, wait 5 minutes for stove to cool.
3. Move stove assembly away from any ignition sources and remove stove from canister:
   a. A small amount of gas may escape when removing stove.
3.2. Dry Packstow® around stove and place in bottom of cookware.
4. Place canister on top of stove.
5. Place lid on cookware and flip handle.

NOTE: Ensure stove assembly and Packstow® is dry before long term storage. Corrosion can occur when stored wet.

1. Remove stove from canister stand.
2. Place stove assembly on a stable, well-ventilated surface.
3. Close lid on cookware and flip handle.
4. Place Packstow® around canister and place in bottom of cookware.
5. Place canister on top of stove.

TROUBLESHOOTING

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Stove service must only be done by an individual authorized by Cascade Designs, Inc. If you have any questions about these instructions, your stove, replacement parts, or repairs, please contact:

Cascade Designs, Inc., USA - 1-800-531-9531 or 206-505-9500
Cascade Designs Ltd., Ireland - (+353) 21-4631400

www.msegear.com info@casadedesigns.com

1-800-531-9531 or 206-505-9500
www.msegear.com info@casadedesigns.com

CONNECT STOVE AND CANISTER

DANGER
Never use stove if Flame Adjuster valve is left open. If Flame Adjuster valve is left open, close it immediately and thoroughly ventilate area before lighting stove.

DANGER
Never move or store hot stove. Always allow hot stove and cool for at least 5 minutes before moving. Moving a burning or hot stove can cause fire, burns, severe injury or death.

DANGER
Always disconnect stove from canister before storing. Failure to disconnect stove from canister before storing may cause fire and cause fire, burns, severe injury or death. Always store fuel canister in a well-ventilated location away from any possible heat source such as: water heaters, stoves, pilot lights, or furnaces, or where fuel can be ignited. Fuel canisters should not be stored in vehicles where temperatures exceed 120°F (49°C). Canister can result in the cascade expelling and causing fire, burns, severe injury or death.

The stove uses a liquid pressurized gas (LPG) canister that is highly flammable and explosive. Use only MSR® Reactor-stove approved canisters. Never attempt to fit other types of gas canisters. For any fuel canister 80 IsoButane/20 Propane mix, certified to EN 417 (4 ounces/113 g or 8 ounces/227 g). Do not attempt to fit other types of gas canisters. For any fuel canister, follow this safety information:

- Listen and smell for leaking gas. Leaking gas is a serious hazard. IOP is inaudible and colorless, and strong odorless additives can fade over time. Leaks are not always detectable by smell. Do not use the stove if it is leaking, damaged, or does not operate properly.
- Check that the stove and fuel canister connection is secure and tight. If the connection does not leak or feel secure, or if you hear or smell leaking gas, do not use the stove or canister. Move stove to a well-ventilated area away from any ignition source to locate and stop the leak. Only check for leaks outdoors using soapy water. Do not try to detect leaks using a flame.
- Only change the canister outside and away from people.
- Never use fuel canisters larger than 8 ounces (227 g) or more than 4 inches (10 cm) in height, because oversized canisters increase stove instability.
- Check the seals before connecting a new fuel canister to the stove. Do not use stove if seals are damaged or worn.
- Keep stove and fuel canister away from other heat sources. If you expose the fuel canister to high heat, the canister will explode or leak and you can be burned, injured, or killed.
- Follow all warnings on fuel canister regarding use and storage.

DANGER
Never use stove if Flame Adjuster valve is left open. If Flame Adjuster valve is left open, close it immediately and thoroughly ventilate area before lighting stove.

DANGER
Never move or store hot stove. Always allow hot stove and cool for at least 5 minutes before moving. Moving a burning or hot stove can cause fire, burns, severe injury or death.

TURN STOVE ON

1. Hold a lit match 1/2 inch away from the burner rim.
2. Open Flame Adjuster 3 turns.
3. Wait 3 to 5 seconds.

DANGER
Carefully follow all instructions when lighting to light stove. The stove contains a device designed to protect the canister against misuse. If stove is misused the device will be activated and render the stove permanently inoperable.

DANGER
Never attempt to light stove other than specified may cause stove to overheat, creating a situation where fire, burns, burned, injured, or killed.

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