

GigaPower Lite Max

This product is a direct-mount stove that was developed exclusively for outdoor use. Please make sure NOT to use it inside buildings, vehicles, or tents, as there is a danger of death by carbon monoxide poisoning or oxygen deficiency. Even when using it outdoors in narrow spaces, make sure that there is sufficient ventilation.

Instruction Manual

Thank you very much for purchasing a Snow Peak product. Please be sure to read this Instruction Manual for safe and long term use of the product, and, after reading it, put it in a safe place for future reference. If you find anything in the Instruction Manual that is difficult to understand, please make sure to contact Snow Peak before you use the product.

All combustion appliances created by Snow Peak are required to pass thoroughgoing burning tests before shipment. Therefore, please understand that there may be a slight tarnish on the pot support and burner heads.

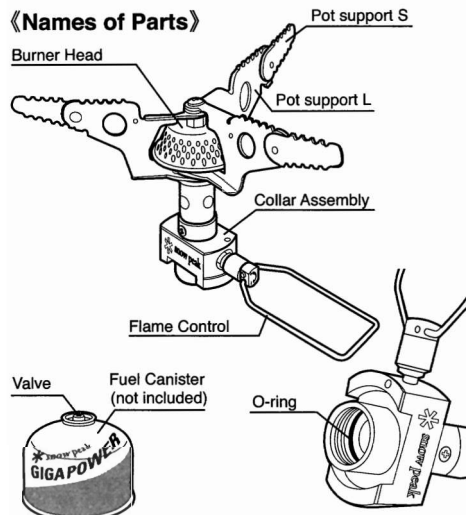
Warnings and Safety Precautions

Warning: Mistaken use of the product could result in serious injury or death to the user.

Caution: Mistaken use of the product could result in the danger of injury to the user or give rise to damage of equipment.

Caution: This products does not include Auto Ignitor. Please carry lighting sauce like as matches or lighter.

(Names of Parts)



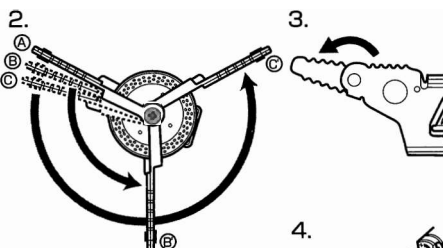
Specifications

Product Name	Canister Stove (Direct Mount Type)		
Model	GST-120		
External Dimensions	During Use	ø125x81mm(Fuel Canister Not Included)	
	Stowed	67x34x80mm	
Weight	56.0g / 1.9oz		Diameter of usable pots—up to 14cm(5.5inches) Weight—up to 2.0 liters
Gas Consumption	233g/h		
Heat Input	2800kal/11200BTU		
Compatible Fuel Canisters	GP-110C/GP-250G/GP-500G		
	GP-110S/GP-250S/GP-500S		

Gas consumption and heat input were measured and calculated in accordance with in-house testing methods. Use the gas canisters only as shown on the above table.

Fuel Canister Mounting

1. Remove from storage case, and pull up the flame control from its folded up position.
2. Look down from above and rotate each pot supports counter clockwise until they are set in place.
3. Next rotate the S pot support until it is set in place.
4. Viewing the stove from the front, rotate the flame control clockwise until it stops, and check to make sure that the collar assembly is complete closed.
5. Set the fuel canister and the stove up straight and align the threads of the fuel canister with the threads in the collar. Then while viewing the fuel canister from the bottom, turn it slowly clockwise until it stops naturally and then screw it down a bit tighter.



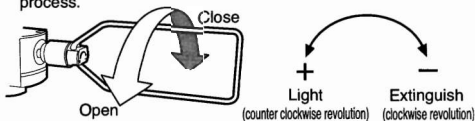
Confirm that no gas is leaking from the connecting parts by listening for any signs of escaping gas and sniffing to detect any gas odor.

Warning: When mounting the fuel canister, check to make sure that the collar assembly threads are in line with those of the fuel canister and that the O-ring is not damaged or out of place. If any thing is out of order, do not mount the gas canister.

Caution: When mounting or dismounting the gas canister, a small amount of gas may leak out, so make sure that you carry out the procedure with plenty of distance from all sources of flame and in a place where there is sufficient ventilation.

Operation

1. Lighting the Stove:
Look at the flame control from the front and revolve it slowly in a counter clockwise direction (left revolution). Then use a lighter or a match to light the flame in advance and revolve the flame control farther. When using the auto-igniter, press the button after revolving the flame control. When the stove does not light, close the flame control and repeat the entire process.



Caution: When lighting the stove, make sure that there is no flammable items nearby and light on flat and stable area. Do not move or tilt the stove after lighting.

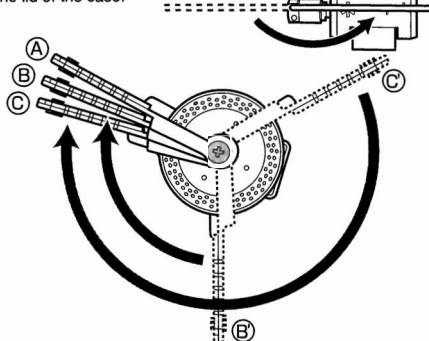
2. Adjusting the Flame:
When the flame control is revolved in a counter clockwise direction (left revolution), the flame power increases and when it is revolved clockwise, the flame power decreases.
3. Extinguishing the Stove:
Revolve the flame control slowly clockwise (right revolution) until it stops. Make sure that the flame is completely extinguished. When replacing a fuel canister, let the stove cool down thoroughly after extinguishing the flame.

Detaching the Fuel Canister

1. Immediately after use, the stove is very hot. Wait until it cools down to detach the fuel canister.
2. Hold the canister and the stove in an upright position and revolve it in the opposite direction from that when attaching it to detach. Always put the cap on the fuel canister before storing it.

Packing the Stove

1. Viewing the stove from the top, revolve the L pot supports clockwise until they are gathered together in one place, and then fold up the S pot support.
2. Fold the flame control up against the mixing tube.
3. Wrap the hose around the stove so that the stove fits into the case, and then close the lid of the case.



2. Before use, make sure that there is no grime or dust in the collar assembly. Always keep the collar assembly clean and do not lay it on the ground without good reason. Grime and dust in the collar assembly reduce heat output and may cause such problems as obstructing the gas flow and extinguishing the flame.
3. Choose a pot with a diameter of around 14cm (5.5 inches) and a capacity of around 2 liters. A pot that is too large may cause the fuel canister to overheat due to heat radiation, and it will be so unstable that it may topple off the stove.
4. Heat radiation during cooking will cause the ground surface below to overheat, so spread a burner sheet or other heat-reflecting material under the stove before use.
5. Gas pressure variations can be caused by air temperature or the temperature of the fuel canister, resulting in alteration of the combustion conditions (the shape or intensity of the flame).
6. Strong winds or boiling over can cause the flame to go out, so always keep an eye on the stove during use.
7. If abnormal combustion occurs, immediately turn the stove off and stop using it.
8. The metal of parts near or in contact with the flame may scorch and become discolored.
9. If you smell gas:
*Extinguish the flame and do not light it again.
*Extinguish all other fires and flames. Detach the fuel canister.

Inspection and Care

1. Inspect and clean periodically.
2. Before use, always check to make sure that the stove is in proper operating condition.
3. If a pot boils over, be sure to wipe the burner clean with a clean cloth.
4. Do not use the stove if it is broken or damaged in any way.
5. It is dangerous for you to try to repair the stove yourself. If the stove does not work properly, contact the retailer where you purchased the product or Snow Peak.

Troubleshooting Chart

Causes	Use of non-approved fuel canister	Damaged fuel canister thread	Damaged fuel canister assembly	Improper mounting of fuel canister	Defective spindle	Defective fuel canister	Clogged burner head	Clogged nozzle
Fuel canister does not mount on the burner.	✓	✓	✓	✓	✓	✓	✓	✓
Gas leakage			✓	✓	✓	✓	✓	✓
Stove will not ignite				✓	✓	✓	✓	✓
Low heat output					✓	✓	✓	✓
Uneven flame						✓	✓	✓
Flame extinguishes during operation					✓	✓	✓	✓
Flame does not extinguish			✓	✓	✓	✓	✓	✓
How to solve the problem	Use a designated Snow Peak fuel canister	Replace the fuel canister with a new one	Request inspection and repair	Make sure that the fuel canister is mounted correctly	Request inspection and repair	Replace the fuel canister with a new one	Wipe carefully with a piece of cloth to avoid breakage	Request inspection and repair

Please check through the above symptoms and causes, and if malfunctions persist or the cause is not clear, contact the retailer where you purchased the product or Snow Peak.

After Services and Repair

Snow Peak makes every effort to ensure that all products operate properly, so if a product is found to be defective, contact the retailer where you purchased the product or Snow Peak. If it is determined that the cause was a production defect, the product will be repaired or replaced free of charge. Otherwise, it will be repaired at a reasonable charge. Please note that it may not be possible to repair a product under the following circumstances.

1. Damage resulting from natural deterioration of materials over time.
2. Malfunction resulting from misuse or rough handling of the product.
3. Malfunction resulting from modification of the product by the user.
4. Malfunction resulting from handling of the product in a manner that is prohibited in the Instruction Manual.
5. Malfunction resulting from unexpected accident.
6. Malfunction resulting from others except manufacturing process.
7. Malfunction resulting from dust and rust.
8. Something wrong or damage resulting from taking part
9. Something wrong resulting from transformation or damage by dropping.
10. Transformation on parts resulting from abrasion.
11. Malfunction resulting from using with others which Snow Peak does not recommend to use.

Snow Peak, Inc.

958 Sanganj Sanjo, NIGATA JAPAN
PH: +81-256381110 FAX: +81-256381015
www.snowpeak.co.jp

Snow Peak U.S.A., Inc.
PO Box 2002, Clackamas, OR 97015, U.S.A.
TEL: (503) 265-1110 FAX: (503) 265-1105

! Safety Precautions

Precautions Before Use

! Warning

Please use this stove with only Snow Peak designated fuel canisters. Please do not use any other type of fuel canister. Snow Peak has designated specific fuel canister models for use with this stove, so please refer to the Designated Fuel Canister list on the back of this page.



* Reason: Other fuel canisters differ in such standards as valve configuration and nozzle thickness, and the basic design differences may result in gas leakage, leading to flash fires or abnormal combustion.

! Warning

Do not use the stove on hot beach sand, river stones, or paved road surfaces.



* Reason: Beach sand, river rocks, and paved road surfaces can reach extremely high temperatures as a result of exposure to direct sunlight. Placing the stove in direct contact with one of these surfaces for use will result in increased internal pressure, and may cause abnormal combustion or explosion.

! Warning

This stove is for outdoor use only. Never use it inside tents, in enclosed spaces, or inside vehicles.

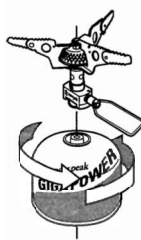


* Reason: This stove is designed for outdoor use only. Because it consumes large amounts of oxygen, its use in enclosed spaces may lead to carbon monoxide poisoning or fire, making use there extremely dangerous.

! Warning

Always mount fuel canisters with the stove in an upright position, and do not over-tighten.

* Reason: New fuel canisters are filled to the top with liquid gas. If the canister is attached at an angle, the liquid gas may gush out in large quantities, causing great danger. Make sure there is no source of fire in the surrounding area, and then mount the fuel canister in an upright position. The threading that joins the canister to the stove is an extremely important part. Over-tightening or attaching at an angle may cause leakage of gas.



! Warning

Inspect the rubber O-ring in the canister junction each time you use the stove, and if it shows wear or damage, contact the retailer where you purchased the product or Snow Peak.

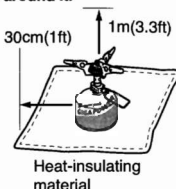
* Reason: The O-ring suffers wear and tear when mounting and detaching fuel canisters. Even a non-rubber O-ring will deteriorate with time. Use of a deteriorated or damaged O-ring may cause leakage of gas.



! Warning

Use the stove with heat-insulating material spread underneath it, and keep combustible items no lower than 1 meter (3.3ft) above the stove and no closer than 30cm around it.

* Reason: The heat of the flame flows sideways or downward, depending on the direction of the wind. Since the heat of the flame is transmitted upwards with great intensity, keep combustible items at a sufficient distance to avoid catching on fire. Also, since the heat radiating from the pot also raises the temperature of the surface underneath the stove, giving rise to the danger of catching fire, always spread heat-insulating material underneath the stove when it is in use.



! Warning

Before mounting a fuel canister, always make sure to

Precautions During Use

! Warning

Never, under any circumstances, use the stove to light charcoal.



* Reason: Using the stove to light charcoal will subject the stove itself, as well as the fuel hose and the fuel canister to abnormal heat. This is extremely dangerous, so do not use it in the manner under any circumstances.

! Warning

Do not use multiple stoves side by side with a single cooking unit.

* Reason: If multiple stoves are used with large pots or a single plate grill, the fuel canisters will be subjected to abnormal heat levels from each other's flames, giving rise to the danger of explosion as the abnormal internal pressure of the fuel canisters increase.



! Warning

Do not deep-fry cooking.

* Reason: Deep-fry makes high heat radiation on the pot and subjects the fuel canister to abnormal heat levels, giving rise to a danger of explosion as the internal pressure of the fuel canister increases.



! Warning

Never surround the unit with a wind screen or use stones or other devices to increase the span of the pot supports.

* Reason: The use of wind screen or stones will cause the heat to build up in the area around the fuel canister, cause it to absorb an abnormal amount of heat. Placing a pot on top of the stove burner acts like a lid, further increasing heat build-up. This will cause temperatures to rise to extremely high levels, leading to danger of explosion.



! Warning

Never use the stove near other heat sources such as heaters or open fires.

* Reason: Reason: Heat generated from heaters or open fires will increase the heat, causing the fuel canister to reach extremely high temperatures and leading to an explosion.



! Warning

Do not use the stove with plate grills, gridirons, ceramic cookware or smokers.

* Reason: The high heat radiating from plate grills, gridirons, ceramic cookware and smokers subjects the fuel canister to abnormal heat levels, giving rise to a danger of explosion as the internal pressure of the fuel canister increases.



! Warning

Do not tilt, shake or transport the stove while lit.

* Reason: If the stove is tilted or shaken, liquid gas gushes out, causing the flame to suddenly increase in size, and giving rise to the danger of burns.



! Warning

Always use the stove on a level, stable surface.

* Reason: If the stove is used on an inclined or unstable surface, it may topple over, giving rise to the danger of burns and fire.



! Warning

Never use the stove for any purpose other than cooking.

* Reason: Use for such other purposes as heating or drying clothes may lead to such unexpected accidents as fire, burns, and oxygen deficiency.



! Warning

Always use fuel canisters in an upright position.

* Reason: When a fuel canister is



Precautions for Storage and Disposal

! Warning

If the stove is not to be used for a long period of time, detach the fuel canister. Store the stove in the included case and the fuel canisters with their lids securely in place.



* Reason: The collar may open accidentally and cause leakage of gas. Grime or dust in the parts where the stove and fuel canister connect may cause a malfunction.

! Warning

Store fuel canisters in places where the temperature is below 104 Fahrenheit (40 Centigrade).

* Reason: The internal pressure of fuel canisters rises with the ambient temperature, so store them in a place where the ambient temperature does not exceed 104 Fahrenheit (40 Centigrade) and where they are not exposed to direct sunlight.



! Warning

When a fuel canister is completely empty dispose of it separately from other trash. Never throw an empty fuel canister into a fire or discard it near to a source of heat.

* Reason: A small amount of gas remains even in completely empty fuel canisters, so if they are thrown into a fire or discarded near to other heat sources, they may explode as their internal pressure rises.



! Warning

Keep both the stove and fuel canisters out of the reach of children.

* Reason: Keep stove and fuel canisters out of the reach of children to avoid danger.



! Caution

Inspect and clean fuel canisters from time to time.

* Reason: Inspect fuel canisters from time to time, and if there is any sign of rust, use the fuel canister up as soon as possible.



! Caution

Never, under any circumstances, attempt to repair or modify stoves or fuel canisters on your own.

* Reason: Stoves and fuel canisters are precision manufactured. Modification may only result in poor performance or give rise to incomplete combustion or gas leakage. When repairs are deemed necessary, please contact the retailer where you purchased the product or the home offices of Snow Peak.



Caution

! Warning

Never, under any circumstances, attempt to repair or modify stoves or fuel canisters on your own.

* Reason: Stoves and fuel canisters are precision manufactured. Modification may only result in poor performance or give rise to incomplete combustion or gas leakage. When repairs are deemed necessary, please contact the retailer where you purchased the product or Snow Peak.



! Warning

Gas canisters should not be carried on aircraft.

* Reason: Fuel canisters, whether full or empty, are prohibited from being carried on aircraft. Do not pack these cartridges in personal baggage.

