



OPERATING INSTRUCTIONS AND OWNER'S MANUAL

Model #

SPC-500

READ INSTRUCTIONS CAREFULLY: Read and follow all instructions. Place instructions in a safe place for future reference. Do not allow anyone who has not read these instructions to assemble, light, adjust or operate this tool.



HOT SHOT

(Propane Torch)

Model **SPC-500**

FOR YOUR SAFETY!

Read and understand instructions before use!
Retain this information for future reference.

If you smell gas: **(Under certain conditions odor may fade (Refer to page 6))**

- Shut off gas to the device.
- **DO NOT** try to light appliance.
- Extinguish any open flame.
- Check the device for leaks using soapy water.
- **DO NOT** attempt to relight the device until all leaks are repaired and there is no gas smell.

DO NOT use this device in areas where gasoline or other liquids having flammable vapors are stored or used.

CAUTION:

- ⚠ This device is intended for outdoor use only.
- ⚠ **NEVER** direct torch flame toward hose or gas tank.
- ⚠ **DO NOT** leave torch unattended while in operation.
- ⚠ **DO NOT** stand or prop the torch on the burner end while in operation.
- ⚠ **Always** use the striker provided. Never use a match or lighter to ignite torch.
- ⚠ **DO NOT** apply heat or flame to tank to check for leaks or to increase gas pressure.
- ⚠ **DO NOT** lift tank by the valve.
- ⚠ When not in use the gas should be turned off at the LP gas tank(s).
- ⚠ **CAUTION** – In daylight, torch flame is barely visible.
- ⚠ **DO NOT** place hand or body part in the path of the flame while lighting or operating torch.
- ⚠ This device is designed for vapor withdrawal from an LP gas tank(s) ONLY.

NOTE:

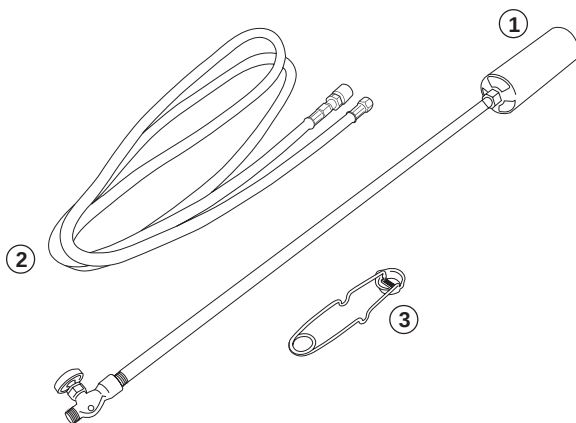
- ⚠ Place tank on level surface in an upright position.
Do not invert or lay tank on its side.
- ⚠ Gloves should be worn at all times when operating this device. Long sleeves, long pants, and boots are recommended.
- ⚠ Have an ABC type fire extinguisher readily accessible to the job site.

THE STATE OF CALIFORNIA REQUIRES THE FOLLOWING WARNING:

WARNING:

Combustion by-products produced when using this product contain carbon monoxide, a chemical known to the State of California to cause cancer and birth defects (or other reproductive harm).

SPC-500-Parts List



ITEM	DESCRIPTION	PART NO.
1	Handle Assembly	72601
2	Hose Assembly	72602
3	Striker	72603

When ordering repair parts, always furnish the following information:

- 1) Model Number
- 2) Part Number
- 3) Part Description

CAUTION:

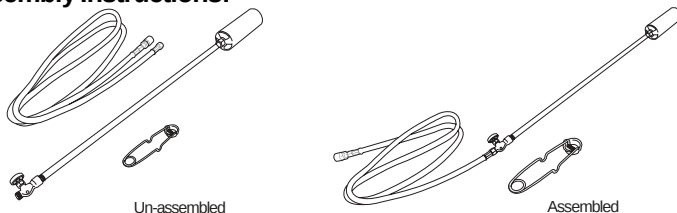
- ⚠ Use only **genuine** SCHEU PRODUCTS replacement parts. **Never** substitute parts. Do not use modified parts. When ordering replacement parts, use the part number located in these instructions.

OPERATING CHARACTERISTICS

Model	BTU	Operating Temperature Range	Inlet Pressure Range
SPC-500	500,000*	-10° F to 100° F	17 psi to 170 psi

* Tank size and tank temperature can directly affect BTU output

Assembly Instructions:



- 1) Unpack all the components and inspect for any damage. If any damage is discovered contact the delivery service or [Scheu Products](#) immediately.
- 2) Connect the hose assembly to the handle assembly and tighten **counterclockwise**.

NOTE: This is a left-handed thread connection.

Connection to the Supply Tank:

NOTE: The LP (Liquid Petroleum) gas tank used with this device should be no less than a 20 lb. capacity. It should also meet or exceed NFPA 58 "Standard for the Storage and Handling of Liquefied Petroleum Gases".

- 1) Inspect the nut/nipple (excess shut-off valve) connection of the hose assembly. Check for any dents or damage. The o-ring must be present. If damage is found or the o-ring is missing call [Scheu Products](#) for the proper replacement parts.
- 2) Connect the excess shut-off valve end of the host assembly to the shut-off valve of a LP gas tank and tighten **counterclockwise**.

NOTE: If your LP gas tank does not have a shut-off valve, exchange the tank for one with a shut-off valve.

CAUTION:

⚠ This device is designed for vapor withdrawal from an LP gas tank(s) ONLY. Use of any other gas may result in device failure or personal injury.

HOT SHOT

Model SPC 500

Assembly, Testing &

Operating Instructions

SCHEU PRODUCTS COMPANY

CAUTION:

- ⚠ **DO NOT** operate if any leaks are present. A leak may create a fire hazard.
- ⚠ **DO NOT** smoke around or expose supply tank(s) to open flames or sparks.
- ⚠ **DO NOT** apply heat or flame to tank to check for leaks. Excess heat may cause the supply tank to rupture, possibly causing personal injury.

Lighting Instructions:

NOTE: The hose assembly is supplied with an excess flow control valve. Opening the supply tank shut-off valve rapidly can cause the valve to close. If the excess flow valve closes, close the supply tank shut-off valve. Open torch adjusting valve to release any residual gas left in the hose. Close torch-adjusting valve and wait 30 seconds. Slowly open tank shut-off valve.

- 1) Make sure torch adjusting valve is closed.
- 2) Open supply tank shut-off valve.
- 3) With torch nozzle pointed away from any flammable material, open torch adjusting valve 1/8th of a turn or until you can hear gas escaping.
- 4) Ignite using supplied igniter.
- 5) Use the torch-adjusting valve to control the size and heat of flame.

USE: When using tool, do not direct flame directly into wind.
Do not allow barrel to come closer than 6" to the surface being heated.
Failure to do either of these things could cause flame outage.

ODOR FADE WARNING



WARNING

Asphyxiation Hazard

- Do not use this heater for heating human living quarters.
- Do not use in unventilated areas.
- The flow of combustion and ventilation air must not be obstructed.
- Proper ventilation air must be provided to support the combustion air requirements of the heater being used.
- Refer to the specification section of the heater's manual, heater dataplate, or contact the *Scheu Products Company* to determine combustion air ventilation requirements of the heater.
- Lack of proper ventilation air will lead to improper combustion.
- Improper combustion can lead to carbon monoxide poisoning leading to serious injury or death. Symptom of carbon monoxide poisoning can include headaches dizziness and difficulty in breathing.

FUEL GAS ODOR

LP gas and natural gas have man-made odorants added specifically for detection of fuel gas leaks.

If a gas leak occurs you should be able to smell the fuel gas. Since Propane (LP) is heavier than air you should smell for the gas odor low to the floor. ANY GAS ODOR IS YOUR SIGNAL TO GO INTO IMMEDIATE ACTION!

- Do not take any action that could ignite the fuel gas. Do not operate any electrical switches. Do not pull any power supply or extension cords. Do not light matches or any other source of flame. Do not use your telephone.
- Get everyone out of the building and away from the area immediately.
- Close all propane (LP) gas tank or cylinder fuel supply valves, or the main fuel supply valve located at the meter if you use natural gas.
- Propane (LP) gas is heavier than air and may settle in low areas. When you have reason to suspect a propane leak, keep out of all low areas.
- Use your neighbor's phone and call your fuel gas supplier and your fire department. Do not re-enter the building or area.
- Stay out of the building and away from the area until declared safe by the firefighters and your fuel gas supplier.
- **FINALLY**, let the fuel gas service person and the firefighters check for escaped gas. Have them air out the building and area before you return. Properly trained service people must repair any leaks, check for further leakages, and then relight the appliance for you.

ODOR FADING - NO ODOR DETECTED

- Some people cannot smell well. Some people cannot smell the odor of the man-made chemical added to propane (LP) or natural gas. You must determine if you can smell the odorant in these fuel gases.
- Learn to recognize the odor of propane (LP) gas and natural gas. Local propane (LP) gas dealers will be more than happy to give you a scratch and sniff pamphlet. Use it to become familiar with the fuel gas odor.
- Smoking can decrease your ability to smell. Being around an odor for a period of time can affect your sensitivity to that particular odor. Odors present in animal confinement buildings can mask fuel gas odor.
- **The odorant in propane (LP) gas and natural gas is colorless and the intensity of its odor can fade under some circumstances.**
- If there is an underground leak, the movement of gas through the soil can filter the odorant.
- Propane (LP) gas odor may differ in intensity at different levels. Since Propane (LP) gas is heavier than air, there may be more odor at lower levels.
- **Always be sensitive to the slightest gas odor.** If you continue to detect any gas odor, no matter how small, treat it as a serious leak. Immediately go into action as discussed previously.

ATTENTION - CRITICAL POINTS TO REMEMBER!

- Propane (LP) gas has a distinctive odor. Learn to recognize these odors. (Reference Fuel Gas Odor and Odor Fading sections above.)
- Even If you are not properly trained in the service and repair of the heater, **ALWAYS** be consciously aware of the odors of propane (LP) gas and natural gas.
- If you have not been properly trained in repair and service of propane (LP) gas then do not attempt to light heater, perform service or repairs, or make any adjustments to the heater on the propane (LP) gas fuel system.
- A periodic sniff test around the heater or at the heater's joints; i.e. hose, connections, etc., is a good safety practice under any

CAUTION:

- ⚠ **DO NOT** smoke around or expose supply tank(s) to open flame or sparks.
- ⚠ **Always** use the striker provided. Never use a match or lighter to ignite torch. Use of device other than the striker may cause personal injury.
- ⚠ **DO NOT** place hand or any body part in the path of the flame while lighting or operating torch. This can result in personal injury.

Shut-Off Instructions:

- 1) Close torch adjusting valve.
- 2) Close supply tank shut-off valve.
- 3) Open the torch-adjusting valve briefly to release any residual gas left in the hose.

CAUTION:

- ⚠ **DO NOT** smoke around or expose supply tank(s) to open flames or sparks.
- ⚠ Torch end of handle assembly will increase in temperature immediately after shutting off.

Maintenance:

Prior to each use:

- 1) Visually inspect all components of the device for damage and or wear. If the hose shows excessive abrasion wear, or the hose is cut, it must be replaced prior to operation. If damage is found, contact [Scheu Products Co.](#) for the proper replacement parts.
- 2) Visually inspect LP gas tank(s) for dents, damage to collar, damage to shut-off valve or corroded foot ring. If any of these are present the LP gas tank(s) must be replaced prior to operation.
- 3) Perform a leak test according to the leak test procedure described on page 5.
- 4) Ignite torch according to the lighting instructions described on page 5. Check operation of the adjusting valve and the other components prior to proceeding.

Periodically:

- 1) Remove any debris or combustible material from the torch. The torch must be kept clear and free from combustible materials.
- 2) The surface of the device should be cleaned with soap and water. Do not use petroleum-based or flammable cleaner on any part of the device.

Disconnecting the Supply Tank:

- 1) Make sure supply tank valve is shut off.
- 2) Open torch adjusting valve briefly to release any residual gas left in the hose. Close adjusting valve when complete.
- 3) Disconnect the P.O.L. nut/nipple located at the end of the hose assembly from the supply tank(s).
- 4) Replace the protective plastic cap and plug to the hose end and supply tank(s) respectively.

CAUTION:

- ⚠ **DO NOT** smoke around or expose supply tank(s) to open flames or sparks.

Storage:

Never store a torch that is still hot. When the torch is stored indoors, the connection between the LP gas tank(s) and the device must be disconnected and the tank(s) removed from the device and stored outdoors in accordance with Chapter 5 of the “Standard for the Storage and Handling of Liquefied Petroleum Gases” ANSI/NFPA 58.

CAUTION:

- ⚠ **DO NOT** smoke around or expose supply tank(s) to open flame or sparks.
- ⚠ The hose assembly shall be protected from traffic, crushing, and hot surfaces. This may cause premature wear of the hose.
- ⚠ **DO NOT** lift tank by the valve. Lifting the tank by the valve may result in damage to the valve.

NOTE:

- Storage temperature shall not exceed 120degrees F (49 degrees C).
- Place tank on level surface in an upright position. Do not invert or lay tank on its side.

Safety Information:

Safety publications related to safe practice and use:

CSA2-94 “U.S. Requirements for Hand Held LP Torches for use with fuel supply”

ANSI Z49.1 “Safety in Welding and Cutting”

NFPA54 “National Fuel Gas Code”

NFPA58 “Standard for the Storage and Handling of Liquefied Petroleum Gases”



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SPC 500

WARNING:

USE ONLY MANUFACTURER'S REPLACEMENT PARTS. USE OF ANY OTHER PARTS COULD CAUSE INJURY OR DEATH. REPLACEMENT PARTS ARE ONLY AVAILABLE DIRECT FROM THE FACTORY AND MUST BE INSTALLED BY A QUALIFIED SERVICE AGENCY.

PARTS ORDERING INFORMATION:

PURCHASING: Accessories may be purchased at any [Scheu Products Co.](#) local dealer or direct from the factory

FOR INFORMATION REGARDING SERVICE

Please call Toll-Free [800-325-7057](tel:800-325-7057)
www.allpro-heaters.com

Our office hours are [7:00 AM – 4:00 PM, PT](#), Monday through Friday.

Please include the model number, date of purchase, and description of problem in all communication.

LIMITED WARRANTY

[Scheu Products Co.](#) warrants its [HOT SHOT](#) to be free from defects in material and workmanship for a period of 90 days from date of purchase. [Scheu Products Co.](#) will repair or replace this product free of charge if it has been proven to be defective within the 90 day period, and is returned at customer expense with proof of purchase to [Scheu Products Co.](#) within the warranty period.

[Scheu Products Co.](#) reserves the right to make changes at any time, without notice or obligation, in colors, specifications, accessories, materials and models.