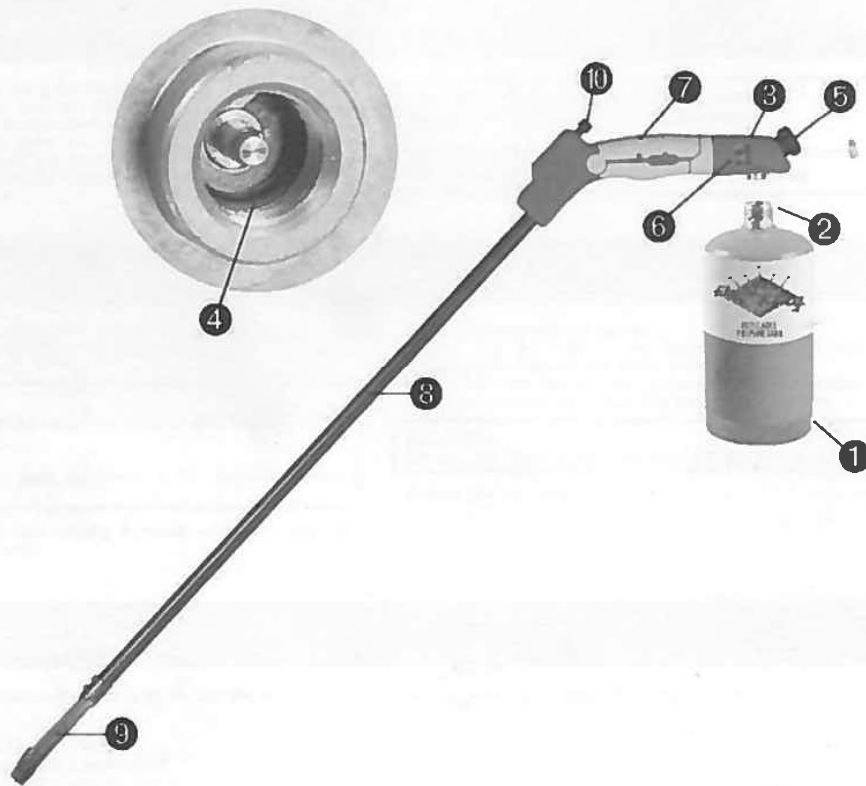


FLAME KING™ WIDE FLAME WEED BURNER

Mod. Nr. YSNPQ820S



SAFETY INSTRUCTIONS

Important: Read and understand the safety and operating instructions in this manual completely before you use the device. Keep this manual in a safe place for future reference. Failure to observe the instructions in the manual can lead to serious injury and may invalidate the guarantee.

Do not modify the device or change any settings made by the manufacturer. It can be dangerous to modify the device, to remove parts or to use parts other than those specified by the manufacturer.

BEFORE CONNECTING THE GAS CYLINDER

- Important: This device may only be used with a 1 Lb Propane Cylinder
- It can be dangerous to connect the burner to other types of gas cylinder.
- Use only approved replacement parts.
- Never connect a gas cylinder to the device without first reading the instructions printed on the gas cylinder.
- Before connecting the gas cylinder ensure that the seal between the device and the cylinder is intact.
- Never use the device if the seal is damaged or worn. Never use the device if it is not airtight, damaged or does not function properly.
- Do not connect a hose between the device and the gas cylinder.

- Never operate the device if any part is damaged.
- Gas cylinders may only be changed or connected in a well ventilated location. Preferably outdoors and away from all possible sources of ignition such as open flames, pilot lights, electric cooking appliances and away from other persons.
- Always ensure that the regulator valve is shut before you connect or change a gas cylinder.
- Make certain that all connections are air tight and ensure that the gas connection is air tight before you light the burner.
- It is prohibited to smoke while connecting the gas cylinder. Observe the instructions on using the device.

DIAGRAM / TECHNICAL SPECIFICATIONS

- 1 Gas cylinder
- 2 Gas cylinder thread
- 3 Valve and regulator
- 4 Seal
- 5 Regulator knob
- 6 Injection nozzle
- 7 Handle
- 8 Extension tube

- 9 Burner
- 10 Piezo ignition

The diagram is for illustrative purposes only, the actual device may vary slightly. The manufacturer reserves the right to make changes without notice.

	Mod. Nr. YSNPQ820S
Flame temperature:	940 °C
Gas consumption during normal use:	133 g/h / 1,70 kW
Nozzle diameter:	0.35 mm
Category:	Direct pressure propane
Gas cylinder:	1 Lb Refillable or Disposable Propane Cylinder

OPERATING CONDITIONS

- The device may not be used underground.
- Do not use the device in the proximity of heat sources (radiators, oven, open fires or similar).
- Use the device only outdoors or in well-ventilated rooms. Observe applicable national regulations:
 - On the air supply
 - On preventing the accumulation of dangerous amounts of unburnt gas.
- Use the burner only well away from inflammable or oily materials. Wear clothing which is clean and free of oil.
- Always close the regulator valve when you take a break from work.
- The device may not be left unattended during operation as gas

- can escape if the flame goes out. This is potentially dangerous.
- Always store the device out of the reach of children and prevent children from gaining access to the device. Ensure that the device can not fall from the location at which it is stored.
- If the device is cold or if the device is operated with a new gas cylinder an irregular flame can be produced, which becomes stable after a short while.
- To prevent the risk of burns, do not touch the burner after use, even if the device has only been in use for a short while.
- Do not modify the device. Have any necessary repairs performed by competent personnel.

WHAT TO DO IN CASE OF A LEAK

- If gas escapes from the device (smell of gas), take the device outdoors immediately to a well-ventilated location away from sources of ignition, where the leak can be safely detected and repaired.
- Take the device outdoors before checking for leaks.

- Never check for leaks using a flame; always use a soapy solution or a leak-detection spray!
- Identify the source or the leak by checking for bubbles or a build-up of foam.

INSTRUCTIONS FOR USE

SCOPE OF USE

This high-performance burner is ideal for warming, thawing, burning off, welding and heat shrinking of foils, chemical free weed killing and more.
Important: This device may only be used with the ROTHENBERGER „multigas 300“ disposable propane / butane gas cylinder.
Due to the properties of the propane / butane mixture in the „multigas 300“ gas cylinder, the burner is also ideal for thawing and de-icing in winter.

Killing weeds using a burner is a non-toxic and environmentally friendly way of eliminating unwanted foliage on paved pathways etc. The device is not suitable for use on flower beds or lawns. Weeds are heated from above with the flame and subsequently dry out.

Guide the burner slowly over the weeds. The weeds should not be burned, but heated with the tip of the flame for 5 - 8 seconds. Keep an appropriate distance away from the plant - approximately 15 cm.
Thick weeds or weeds with 'woody' roots should be exposed to the flame longer than 'normal' weeds. A second treatment may be necessary after a few days.

**CAUTION: A risk of fire exists if the ground is too dry!
It is dangerous to the device if it is damaged or faulty!**

USING THE DEVICE

- Ensure that the valve is closed before you start work.
- Ensure that the seal in the regulator valve is intact and undamaged. Replace the valve if necessary.
- The threads on the gas cylinder and the regulator valve are right-handed. Screw the gas cylinder clockwise firmly into the regulator valve so that the connection is air tight. Hold the gas cylinder upright.

CAUTION: Do not use tools to connect the cylinder to the valve!

- Ensure that the device is airtight.

LIGHTING AND EXTINGUISHING THE BURNER

CAUTION:
Ignite the burner only outdoors or in well-ventilated rooms!
Keep the device away from other persons and animals!

CAUTION:
Do not shake the device or hold it horizontally during use as otherwise a very strong flame can be produced.

- Open the valve by turning the regulator knob (5) anti-clockwise.
- Ignite the gas immediately by pressing the Piezo ignition on the device's extension tube.
- Rotate the regulator knob (5) towards the (+) plus or (-) minus sign to adjust the output of the device until a full flame is produced.
- The device must always be pointed downwards (max. 45°) to prevent an irregular flame.
- Always close the valve during breaks to extinguish the flame and prevent danger.

FINISHING WORK - EXTINGUISHING THE FLAME

- Shut the valve after using the device.
- Be sure to burn off any gas remaining in the extension tube before you put the device down.
- After the flame has gone out, allow the device to cool down completely as parts of the device can become very hot even if the device is only used for a short while.

CAUTION: Accessible parts can be very hot. Keep small children away from the device.

CAUTION: The device must be allowed to cool down completely before disassembly and packaging!

CHANGING GAS CYLINDERS

- Shut the valve by turning the regulator knob (5) clockwise.
- Burn off any gas remaining in the extension tube before you put the device down.

CAUTION:
Exposed parts can be very hot. Keep small children away from the device.
CAUTION:
Change cylinders only outdoors or in well-ventilated rooms!

- Ensure that the valve is closed.
- Ensure that the seal in the regulator valve is intact and undamaged. Replace the seal if necessary.
- Screw the new gas cylinder clockwise into the regulator valve until the seal is airtight. Hold the gas cylinder upright.

CAUTION:
Do not use tools to connect the cylinder to the valve!

- Ensure that the device is airtight.

- Unscrew the spent gas cylinder from the regulator valve by turning it anti-clockwise.

Maintenance

The device is maintenance-free. Have faulty devices repaired by a competent person or contact the manufacturer.

REPLACING THE SEAL (4):

- Remove the damaged seal from its seat.
- Insert the new seal into the seat by pressing it gently on the edge with a blunt object (for example a slotted screwdriver). Take care not to damage the seal.

STORAGE AND TRANSPORT

CAUTION:
Keep the device out of the reach of children.

- Unscrew the gas cylinder during longer breaks and during transport in vehicles.
- Ensure that the valve is closed.
- Hold the device upright and unscrew the gas cylinder anti-clockwise.

- Store the device and the gas cylinder in a cool, dry and well-ventilated place.
- Protect the gas cylinder from sunlight and never expose the gas cylinder to temperatures above 50°C.
- Do not pierce or burn the gas cylinder even after use.

RECYCLING



Worn out machines must be recycled at a suitable recycling facility. Do not dispose of in the household waste.