

**BEWARE
OF
SPIDERS!**



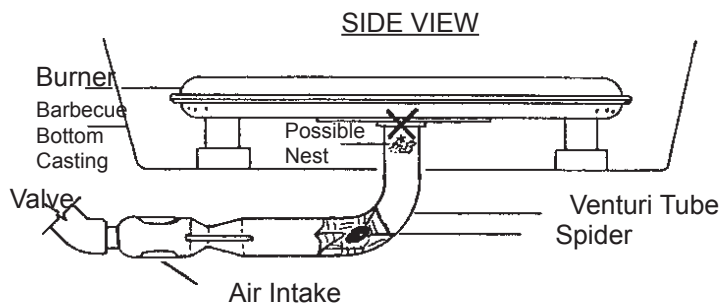
**WARNING
READ BEFORE
OPERATING
YOUR BARBECUE!**

SPIDERS AND INSECTS LIKE TO NEST IN THE VENTURI TUBES OF THE BURNER!

THIS IS A PROBLEM COMMON TO ALL BARBECUES AND GAS APPLIANCES!

HOW & WHY

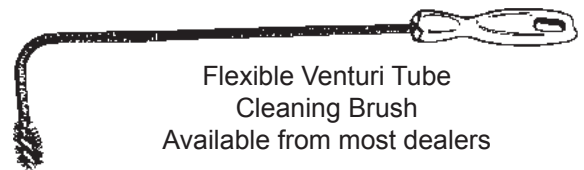
Natural gas and propane have an odor like rotten eggs. This odor is added as a safety precaution, it makes it easy to detect in the event of a leak. This odor also attracts insects. They will nest in and around the venturi tubes. They enter through the air intake on the venturi tubes. Their nests or webs can cause a full or partial blockage of the venturi tube causing the gas to flow back out of the venturi tube and ignite around the valve area. The fire may appear to be at the valve, venturi tubes or control knobs. This "Flashback" or "Control Panel" fire can cause serious damage.



PREVENTION

Most manufacturers now install "Spider Guards" or small screens on the air intakes in an effort to reduce this problem, **BUT IT WILL NOT ELIMINATE IT!** We have seen spiders clog the tiny hole on the orifice many times. Remember: spiders and insects don't care if your barbecue is brand new. Spiders and insects don't know that you **JUST CLEANED** your barbecue and can come back the very next day! **CLEAN THE VENTURI TUBES OFTEN AND WHEN ANY OF THE FOLLOWING SYMPTOMS OCCUR:**

1. You smell gas.
2. You notice that one or both sides of the burner has a yellow flame. (Ideally burner flame should be blue. AS burners get older, rustier and dirtier, flame colour will not be perfect. The trick here is to notice a dramatic change in flame colour or height since last use)
3. Your barbecue does not reach temperature.
4. Your barbecue heats unevenly.
5. Your burner makes popping noises.



TO CLEAN VENTURI TUBES

1. Turn off the gas at the source. (For propane - at the tank. For natural gas - on the supply line.)
2. Remove burner to expose venturi tubes. Different manufacturers will use different methods to hold burner in place in the barbecue. Usually there will be one, two or four screws or clips holding the burner in place from the underside. Some will use a clip or spring that holds the venturi tube over the valve.
3. Visually inspect venturi tube openings for signs of webs no matter how small. Insert flexible venturi brush 1" at a time, remove, inspect brush head and re-insert a further 1" into venturi tube. Keep repeating until at the end of the tube. By doing this, we want you to find and confirm visually that there is a blockage problem rather than pushing the delicate web into the end of the venturi tube.
4. **WE CANNOT STRESS HOW IMPORTANT IT IS THAT THE VENTURI TUBES BE ABSOLUTELY CLEAR AND CLEAN!** Even a small blockage can cause a flashback or cause enough turbulence within the venturi tube to give an improper air / gas mixture and therefore an improper yellow flame. The webs or nests can be very small, but they are very strong!
5. Replace burner in barbecue making sure the venturi tubes are seated over the orifice and that the burner is resting flat and level inside the barbecue. Replace any screw, clips or hold down devices.

ALWAYS READ AND BE FAMILIAR WITH YOUR OWNERS MANUAL

IF IN DOUBT, CONTACT A QUALIFIED GAS TECHNICIAN