

REMOVING, CLEANING AND REPLACING PILOT ASSEMBLY

MODELS: 125B, 125BO, 38B, 125BL,
125BS



WARNING

LP & NG ARE EXTREMELY FLAMMABLE SO
TAKE EXTRA PRECAUTIONS WHEN
PERFORMING ANY WORK TO THE HEATER

Removing pilot

1. Shut off gas to Aquastar, then remove front cover.
2. Carefully loosen 8 mm pilot tube nut shown below. Once loosened with wrench, continue by hand. Do not pull pilot tube down. Follow next step.
3. Remove both pilot bracket screws that mount to front of burners.
4. Lift up pilot bracket slowly (8 mm nut may need to be loosened further).
5. **Caution** The pilot orifice sits on top of the pilot tube. Stamped on it will be a number identifying the gas type. [5 - Natural Gas] [49 - LP]
6. We recommend that you replace if dirty or clogged (especially LP). If cleaning, compressed air or aerosol sprayed carburetor cleaner will work.
7. Blow through pilot burner that is affixed to the pilot bracket. If air screen on right side of pilot bracket is dirty or clogged, remove and clean.

Reinstalling pilot

1. Place new or cleaned pilot orifice back on top of pilot tube.
2. Set pilot bracket on top of the pilot tube.
3. Begin to hand thread the 8 mm nut to the pilot bracket being sure not to cross thread. Once started tighten pilot bracket to front of burners with both screws.
4. Carefully tighten 8 mm nut with wrench.
5. Turn on gas and check for a leak at the 8 mm nut connection by applying soap solution, then pushing in pilot button. Bubbles are a sign of a leak.
6. If no leaks are found replace front cover.

