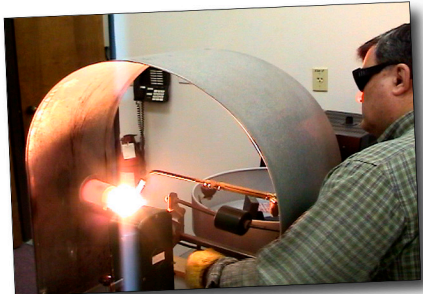


For New York City jewelers with 12 to 25 torches

TB-60 / TB-125 Torch Boosters

**Boost standard utility natural gas service up to 15 psi
for brazing, soldering and casting - even platinum!**

**Get Superior Performance
With High-Pressure Natural Gas!**



High-pressure natural gas easily melts platinum and improves the quality of platinum casting



Torch Boosters can be installed next to jewelers' benches - they are quiet and do not require any special site preparation

Dimensions & Weight

Width - 20", Height - 16", Depth - 18"
Weight - TB-60 90 LB / TB-125 125 LB

Electric Power

TB-60 / TB-125 Systems operate on either 115V 60Hz or 230V single phase 50 Hz power.

Gas Supply Line

Use 3/4" (TB-60) or 1" (TB-125) steel pipe to supply <1 LB natural gas. Flexible 5' hose and 3/4" shutoff valve are included.

Environmental Requirements

Ambient temperature should be between 40-90F.



TB-60/ TB-125 Torch Boosters boost utility natural gas pressure so flashback arrestor/checkvalves required by the NYC Fire Department will work properly and they raise gas pressure to at least 5 psi as required by Fire Department Rule 2609-01.

NYC has revised the Fire Code for the first time in 100 years, bringing it into alignment with National Fire Protection Association standards, OSHA requirements and international fire codes. For jewelers this means that torches using oxygen and connected to piped natural gas must have listed combination flashback arrestor checkvalves and that gas pressure must be at least 5 psi and not more than 15 psi.

G-TEC TB-60 and TB-125 Torch Boosters bring jewelers into compliance with the city Fire Code and gives you better torch performance at the same time. Many bench torches are designed for gas pressure between 3-6 psi and with standard 1/4 psi city gas pressure they do not perform as well as they could. Boost natural gas pressure to 5 psi to get a hot flame for bench work and 10 psi for casting.

Torch Boosters are quiet and can be installed right next to your benches. Once you turn it on the Torch Booster doesn't need any attention until you turn it off at the end of the day. It will automatically adjust as torches are turned on and off during the day.

TB-60 Torch Booster supplies high-pressure natural gas at 60 cf/hr and is the right choice for up to 12 bench jewelers for brazing and melting small amounts of platinum. TB-125 Torch Booster supplies 125 cf/hr and is the right choice for manufacturers with up to 25 bench jewelers or who use a large melting torch tip such as the Harris 30N. A Fire Department Approved regulator to set pressure up to 15 psi is included with the system.

TB-60 and TB-125 Torch Boosters require a Site Specific Certificate of Approval issued by the Fire Department - visit our website for more information:

<http://www.safe-t-gas.com/InstallationNYC.html#PermitTB250500>

www.safe-t-gas.com / 1-800-451-8294



UL Listed flashback arrestor must be installed between torches and torch booster - see FDNY Certificate of Approval # 5120 for approved flashback arrestors. Use of torch booster must comply with NFPA 51 and all applicable NYC Building Code, Fire Code, Electrical Code and regulations, rules, etc. Torch boosters are for indoor use only at a location acceptable to the Department of Buildings and Fire Department. Torch booster shall not be used until the required Fire Department permit has been issued. Operation of equipment must be under supervision of a person holding Certificate of Fitness and Fire Department Permit must be obtained. Only Department of Buildings approved and CSA International Testing Laboratories recommended piping shall be installed from the utility gas line to the torch booster. Up to two torches may be connected to TB-15; up to 4 torches may be connected to TB-30. Hose and hose connections between torch booster to the jewelry torch shall comply with CGA E-1. Standard Connections for Regulator Outlets, Torches and Fitted Hose for Welding and Cutting Equipment. The length of the hose/tubing shall be as short as practical but in no case exceeds eight (8) feet. Only New York City Fire Department approved torch(es) can be used with the torch booster. Torch booster shall be installed indoors in a well-ventilated area above ground level. The Fire Department Certificate of Approval does not constitute an endorsement or recommendation. The use of this product shall be limited to the indicated intent and has not been accepted for other uses or applications. Manufacturer's installation, maintenance procedures and safety limitations shall be complied with.