

For New York City jewelers with 40 to 75 torches

TB-250 / TB-500 Torch Boosters

**Boost standard utility natural gas service as high as 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 - 28", Height - 20", Depth - 24"
Weight - TB-250 175 LB / TB-500 285 LB

Electric Power

TB-250/500 Systems operate on either 208V
60Hz or 230V single phase 50 Hz power; 30 amp

Gas Supply Line

Use 1 1/2" steel pipe to supply <1 psi
natural gas to these Torch Boosters.

Environmental Requirements

Ambient temperature should be between 40-90F



TB-250/ TB-500 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-250 and TB-500 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-250 Torch Booster supplies high-pressure natural gas at 250 cf/hr and is the right choice for up to 40 bench jewelers for brazing and melting gold and platinum. TB-500 Torch Booster supplies 500 cf/hr and is the right choice for manufacturers with up to 75 bench jewelers or who use a large melting torches. A Fire Department Approved regulator to set pressure up to 15 psi is included with the system.

TB-250 and TB-500 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