

**Boost standard utility natural gas service to 150 psi / 10 bar with G-TEC**

# **TB-250H / TB-500H Torch Boosters**

**Standard utility natural gas service can be boosted to 150 psi / 10 bar**



*Torch Booster  
and Oil Cooler Module*



*TB-250H and 500H Torch Boosters have a compressor module and a cooling module joined by 5' flexible tubing for installation flexibility.*

*Both units operate from a single set of controls on the front of the compressor module.*

#### **Dimensions & Weight**

**Torch Booster - 28"W, 24"D, 20"T**

**Oil Cooler Module - 24"W, 24" D, 20"T**

**Weight - TB-250 175 LB / TB-500 285 LB**

**Oil Cooler Module - 150 LB**

#### **Electric Power**

**TB-250H / TB-500H Torch Boosters operate on single phase 208V 60Hz or 230V 50 Hz power; 30 amps.**

#### **Gas Supply Line**

**Use 1 1/2" steel pipe to supply 5" WC to 5 psi natural gas to these Torch Boosters.**

#### **Environmental Requirements**

**Ambient temperature should be between 40-85F**

TB-250 / TB-500 Torch Boosters replace propane, propylene MAPP and other fuel gases and boost natural gas pressure as high as 150 psi / 10 bar. Gas flow is 250 CFH and 500 CFH, respectively.

G-TEC Torch Boosters can be installed indoors right in the area where they will be used. No special site preparation is required, no expensive outdoor concrete pad and no dedicated ventilation or other infrastructure is necessary. Install the Torch Booster wherever it is most convenient for you.

G-TEC Torch Boosters are easy to operate - just turn the system on and it provides gas as your application requires it; during downtime or between tasks the unit automatically puts itself into recirculation mode - no operator attention is required during operation. There are no storage tanks - Torch Boosters are ready for service as soon as they are turned on. At the end of the day simply turn the power switch off.

TB-250 Torch Booster supplies 150 psi / 10 bar natural gas at 250 cf/hr; TB-500 Torch Booster supplies 500 cf/hr. Install an external regulator to set pressure below 150 psi.

Key safety features automatically turn the Torch Booster off in the event of a gas leak, if system pressure builds to more than 170 psi or if incoming gas pressure drops below 2" WC.

An integrated Oil Cooler Module keeps the compressor temperature low to extend system lifespan and improve operating performance.



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