



WESTERN  
ENTERPRISES

# HVAC NITROGEN PURGING REGULATOR

## Saves Time:

**Preset Flows and Pressure** - No adjustment needed

**Handtight Nitrogen Inlet** - No tools required for cylinder connection

**Content Gauge** - Quickly check cylinder content

## Saves Money:

**Two Products in One** - Replaces one regulator and one flowmeter

**Promotes Proper Installations** - No return service calls, consistent high-quality installations

**Rugged** - Saves on regulator, replacement, and repair costs

## Easy to Operate:

**PURGE (25-35 CFH)** - Use the PRG setting to purge air from the system prior to brazing.

**BRAZE (3-6 CFH)** - Use the BRZ setting to prevent air from entering the system while brazing

**TEST (500 PSI or 650 PSI)** - Use the TST setting to pressurize the system to leak test



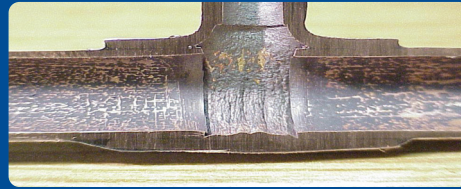
The **FASTEST, EASIEST** way  
to install line sets!

One Regulator  
+ **Three Functions**  
Total Solution!

# WHY USE NITROGEN WHEN BRAZING HVAC LINE SETS?



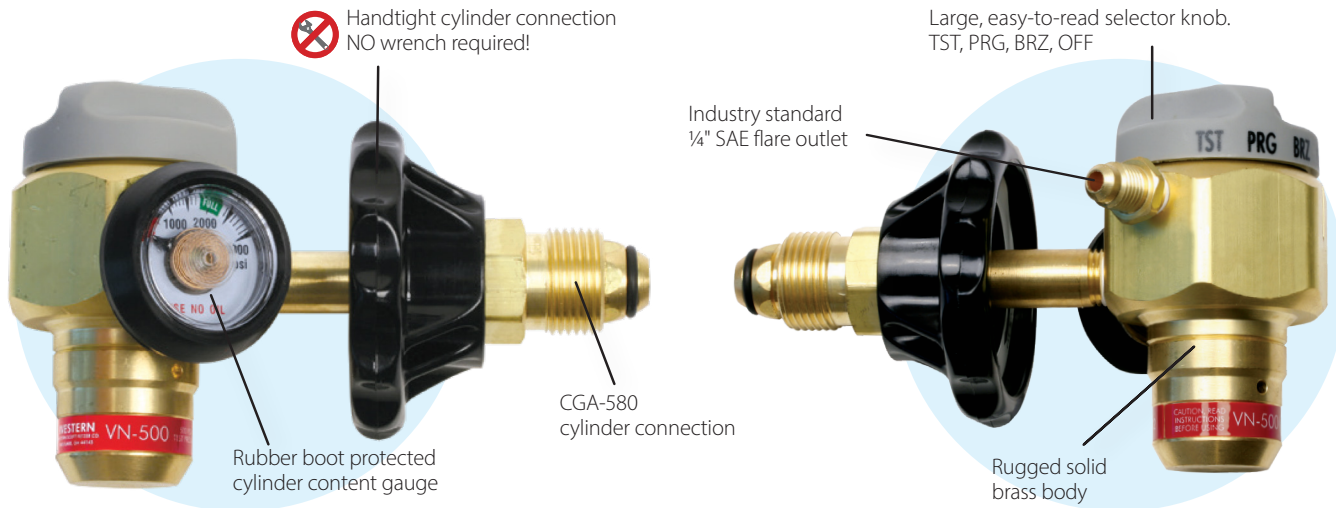
Copper tubing brazed with nitrogen purge. This important step is often omitted during the installation process of an HVAC system. It is a critical step in 410a installations. POE oil is an excellent cleaning agent.



Copper tubing brazed without nitrogen purge. \*Notice the black oxide deposits.

Understanding the significance of nitrogen purge in 410a installations is crucial for ensuring optimal system performance and longevity. By displacing oxygen in the lines, the nitrogen purge minimizes the formation of oxides that can potentially dislodge and become trapped in vital components like the TXV or metering orifice, thus mitigating the risk of premature compression failure. This often overlooked step plays a critical role in maintaining the efficiency and reliability of the system, ultimately leading to cost savings and enhanced operational efficiency.

## PACKED WITH FEATURES



### HVAC NITROGEN PURGING REGULATORS

Part #	Description
VN-500	Nitrogen Purging/Test Regulator w/500 PSI Test Pressure
VN-650	Nitrogen Purging/Test Regulator w/650 PSI Test Pressure

**⚠️WARNING:** This product can expose you to lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



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