

# HVAC Nitrogen Purging Hybrid Regulator

# NEW

The **NEWEST** Product for the HVAC Industry from Western Enterprises

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

- Nitrogen regulator and flowmeter in one
- Purge, Braze, and Pressure Test with ONE unit.
- All settings are PRESET (Purge, Braze, Test)
- 2 models available:
  - 250 PSI Test Pressure (VN-250)
  - 500 PSI Test Pressure (VN-500)
- No tools necessary to install
- Easy to read cylinder content gauge
- 1 year warranty
- Proudly made in the USA



### Saves Time:

#### **Preset Flows and Pressure**

No adjustment needed for "just the right flow"

#### **Handtight Nitrogen Inlet**

No tools needed to install on nitrogen cylinder

#### **Content Gauge**

Quickly check cylinder content before getting to the job site

### 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 money on regulator replacement and repair costs

### Easy to Operate:

#### **PURGE (25-35 CFH)**

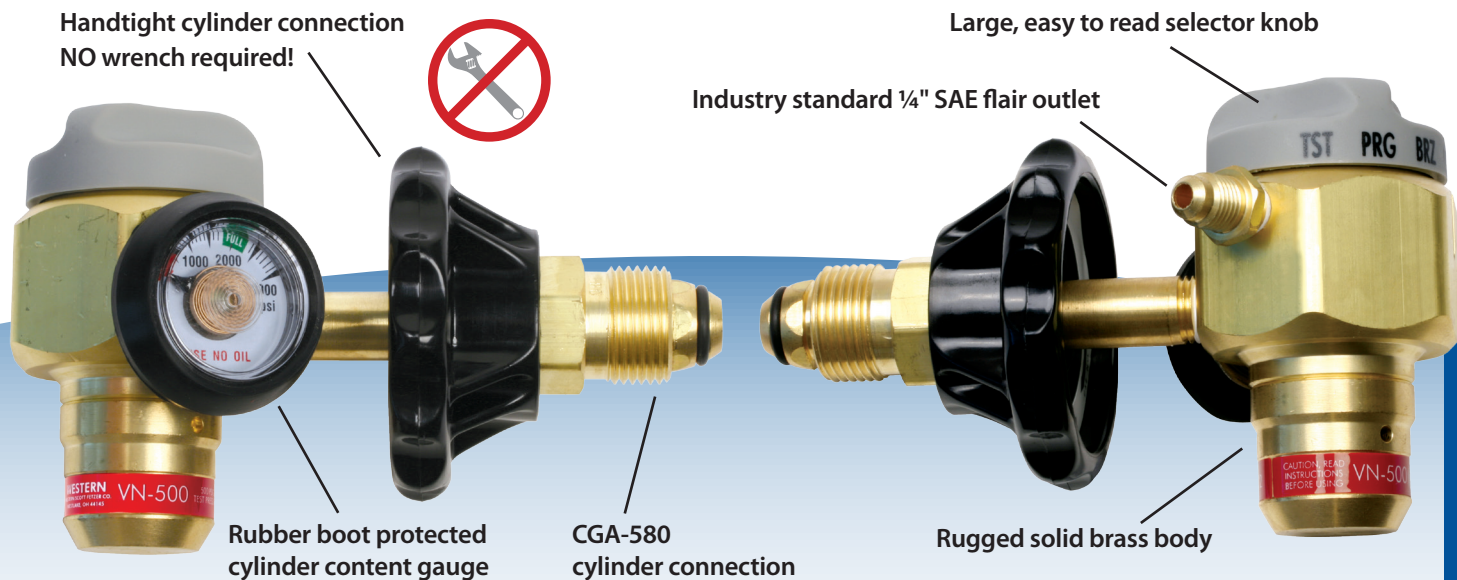
Use the PRG setting to purge air from the system prior to brazing.

#### **BRAZE (3-6 CFH)**

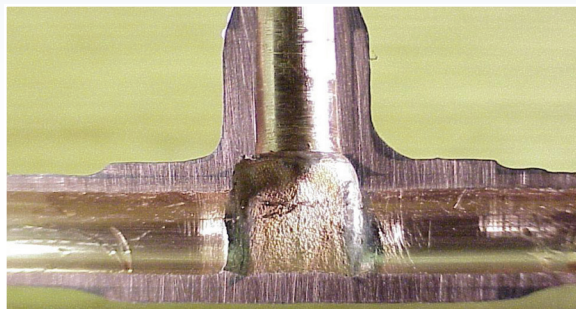
Use the BRZ setting to prevent air from entering the system while brazing

#### **TEST (250 PSI or 500 PSI)**

Use the TST setting to pressurize the system in order to leak test



## Why Use Nitrogen when Brazing HVAC Line Sets ?



Copper tubing brazed with nitrogen purge.



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

- 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.

The purpose of the nitrogen is to displace any oxygen in the lines and minimize the formation of oxides. As the AC unit is put into service, these oxide flakes dislodge and can become trapped in the TXV or metering orifice, leading to premature compressor failure. Manufacturers may not honor a warranty if the compressor failure is a result of improper brazing procedure.

### Ordering Information:

MSRP: \$198.50 each

| Part Number | Description  |
|-------------|--|
| VN-250      | Nitrogen Purging / Test Regulator w/ 250 PSI Test Pressure |
| VN-500      | Nitrogen Purging / Test Regulator w/ 500 PSI Test Pressure |



GLOBAL GAS MANAGEMENT TECHNOLOGY

Western/Scott Fetzer Co.  
875 Bassett Rd • Westlake, OH 44145  
www.westernenterprises.com • (800) 783-7890

Distributed By:

B20616 REL-0000 (1206)