



MAKING BRAZING EASIER



WESTERN
a Scott Fetzer company

GLOBAL GAS MANAGEMENT TECHNOLOGY
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Why Use Nitrogen when Brazing HVAC Line Sets?

Nitrogen purge is an often overlooked, but critical set in 410a installations. The nitrogen displaces oxygen in the lines and minimizes formation of oxides which can dislodge and get trapped in the TXV or metering orifice, causing premature compressor failure.



Copper tubing brazed with nitrogen purge.



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



EZBrazing Outfit Contents:

Description

EZBrazing Outfit - Part Number **VBKIT-01**

Oxygen Regulator - CGA 540 Inlet Connection

Acetylene Regulator - CGA 200 Inlet Connection

V-Style Fine Adjustment Torch

Torch Tips - Size 1

Torch Tips - Size 2

12.5' Hose with Strain Relief

Caddy - Welded Metal Frame

Acetylene Tank Key and Lanyard

Shade 3 Glasses

Striker





Nitrogen Purge Regulators

Part No. (VN) 250-500-650

Preset Purge (25-35 CFH), Braze (3-6 CFH) and Pressure Test 250 PSI, 500 PSI or 650 PSI Settings

- Regulator and Flowmeter in ONE
- Hand-tight Cylinder Connection
- Rubber boot protected cylinder content gauge
- CGA-580 cylinder connection
- ¼" SAE flare outlet
- Large, easy-to-read selector knob
- Rugged solid brass body
- One year warranty
- Assembled in the USA, Designed in Westlake, Ohio

Part No.	Description	PSIG
VN-250	Nitrogen Purging Regulator	250
VN-500	Nitrogen Purging Regulator	500
VN-650	Nitrogen Purging Regulator	650



Oxygen and Acetylene Regulators

Part No. VO-0123 / VA-0123

- Delivery pressure optimized for the torch and tips
- Color-coded hand-tight cylinder connections simplify installation
- Rubber boot protected cylinder content gauge
- Easy-to-read gauge for quick check of cylinder contents
- Compatible with tip numbers 0, 1, 2, and 3 and A-size torches and hoses
- Rugged solid brass body
- CGA 200 (VA-Acetylene), CGA 540 (VO-Oxygen) inlet connections
- A-size outlet connection
- UL Listed
- One year warranty
- Assembled in the USA, Designed in Westlake, Ohio

Part No.	Description	Inlet	Outlet
VO-123	Oxygen Brazing Regulator	CGA 540	A-size
VA-123	Acetylene Brazing Regulator	CGA 200	A-size



Nitrogen Purge Regulators

International

Part No. (VN-55) BS3, ISO30, DIN6, DIN10

Preset Purge (12-17) LPM, Braze (1.5-3 LPM) and Pressure Test (55 Bar) Settings

- Regulator and Flowmeter in ONE
- Hand-tight Cylinder Connection (models VN-55-BS3 & VN-55-ISO30 only)
- Rubber boot protected cylinder content gauge
- CGA-580 cylinder connection
- ¼" SAE flare outlet
- Large, easy-to-read selector knob
- Rugged solid brass body
- Three year warranty
- Assembled in the USA, Designed in Westlake, Ohio

Part No.	Pressure	Inlet	Inlet Pressure	Country
VN-55-BS3	55 Bar	BS 341 #3H/T	250 Bar	UK, MdlEast
VN-55-ISO30	55 Bar	ISO 5145 #30 H/T	300 Bar	EU
VN-55-DINS	55 Bar	DIN 477-1 #S	300 Bar	Mainland EU
VN-55-DIN10	55 Bar	DIN 477-1 #S	300 Bar	Mainland EU



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