



# NITROGEN PURGING EQUIPMENT



## Equipment Ideal for Use with HVAC and Refrigeration Systems

- Complete Nitrogen Purge Kit
- Purge Kit Components
- Pressure Regulators
- Portable Tote Kits
- Flow Meters



# Why Purge With Nitrogen?

*Nitrogen purging: When brazing copper, it is imperative to purge with nitrogen in order to minimize or eliminate oxidation that results from heating the copper pipe. Without purging, oxidation will occur and the oxidized flakes that result can and will break off and flow through the system, damaging bearings and fouling system filters. All that is needed is a low pressure, low volume flow of nitrogen. The use of dry nitrogen gas also minimizes the need to evacuate moisture from the system.*

## COMPLETE NITROGEN PURGE KIT

**Model No. NPK-TT**  
**Part No. 0386-1370**

The TurboTorch® Nitrogen Purge Kit is designed with the professional in mind. This kit gives you the tools to pressure check HVAC and Refrigeration lines, flush drainage lines, blow clean components, and purge lines prior to brazing to protect the joints from oxidation.



**NPK-TT (0386-1370)**

### NITROGEN PURGING KIT COMPONENTS

Part No.	Model No.	Description
0386-1370	NPK-TT	Nitrogen Purge Kit
0386-0814	245-03P	Nitrogen Regulator
0386-1371	TT-1	Turbo Tornado™
0386-1372	CP-1	1/2" Cone Plug
0386-1373	CP-2	3/4" Cone Plug
0386-1374	NT-1	Needle Tip
0386-1375	CO2-NPK	CO2 Adapter
0386-1376	CH-36	36" X 1/4" Standard Charge Hose
0386-1377	CH-72	72" X 1/4" Standard Charge Hose
0386-1378	BG-NPK	Blow Gun

## HIGH PRESSURE NITROGEN PURGE REGULATOR

**Model No. 250-800-580**  
**Part No. (0386-0857)**

- Unique Gauge Guard for Added Protection
- Easy to Adjust Color-Coded Knob
- 800 PSI Delivery
- Zinc Aluminum Housing Cap for Added Strength
- 1/4" Flare Fitting
- Color-Coded Knobs
- Single Stage
- Forged Brass Body and Zinc Aluminum Housing Cap
- Three Year Warranty



**High Pressure Regulator**  
**250-800-580**  
**(0386-0857)**



**Standard Regulator**  
**245-03P**  
**(0386-0814)**

## ALL NITROGEN PURGE REGULATORS

PURGING REGULATOR							
Model Number	Part No.	H.P. Gauge		L.P. Gauge		Delivery Range	
		P.S.I.G.	KPA	P.S.I.G.	KPA	P.S.I.G.	KPA
250-800-580	0386-0857	4,000	28,000	0-1000	0-7000	0-800	0-5500
245-02P Nitrogen CGA-580	0386-0813	4,000	28,000	400	2,800	0-250	0-1750
245-03P Nitrogen CGA-580	0386-0814	4,000	28,000	600	4,200	0-500	0-3500
SKRP-125	0426-2000	4,000	28,000	200	1,400	0-125	0-900
SKRP-425	0426-2001	4,000	28,000	600	4,200	0-425	0-3000

## NITROGEN FLOW METER

**Model No. NFM-TT**  
**Part No. (0386-0849)**

The NFM-TT Nitrogen Flow Meter allows for a controlled flow of nitrogen gas through copper lines during brazing and provides a visual confirmation of gas flow. Purging the line with nitrogen prevents oxidation and scale inside the tube which would otherwise cause contamination.

- Outflow 0 to 75 SCFH and 0 to 35 LPM
- 1/4" F.F. Inlet, Max Inlet Pressure 50 PSI
- Brass Body Construction
- 1/4" M.F. Outlet
- Over-Pressure Safety Relief Valve
- Provides Visual Confirmation of Gas Flow



**IDEAL FOR  
 USE WITH  
 TURBOTORCH  
 NITROGEN  
 PURGE KIT**



## NITROGEN PURGE TOTE KITS

### NPK-20 (0386-1234)

- 6 ft/1.8 m Hose
- OSHA Rated Blow Gun
- Regulator 245-03P
- Carrying Case
- Multiple Uses: Purges, Blows, Leak Tests



### NPK-40 (0386-1236)

- 6 ft/1.8 m Hose
- OSHA Rated Blow Gun
- Regulator 245-03P
- Carrying Case
- Multiple Uses: Purges, Blows, Leak Tests



### SKP-40T (0426-0009)

- 40 cu ft Nitrogen Cylinder (09616-0028)
- Durable 6 ft Hose (1412-0145)
- OSHA Rated Blow Gun (0660-0105)
- Regulator SKP-425 (0426-2001)
- Carrying Tote (1421-0059)



## NITROGEN TANKS

### NT-20 (0916-0145)

- 20 cu ft Nitrogen
- CGA 580 Connection
- DOT, TC Certified

### NT-40 (0916-0028)

- 40 cu ft Nitrogen Cylinder
- CGA 580 Connection
- DOT, TC Certified

### NT-55 (0916-0326)

- 55 cu ft Nitrogen Cylinder
- CGA 580 Connection
- DOT, TC Certified



## ACCESSORIES

Part No.	Model Number	Description
1421-0058	TT-20	20 cu ft Carrying Case
1421-0059	TT-40	40 cu ft Carrying Case
0660-0105	BG	Blow Gun
1412-0145	BGH	1/4" Blow Gun Hose
0426-0009	SKP-40T	TurboSkill® Nitrogen Purge Kit w/ Tank



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