



QUALITY TOOLS THAT GO TO WORK WITH YOU®

NITROGEN SOLUTIONS FOR HVAC/R



UNIWELD PRODUCTS, INC.

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NITROGEN REGULATOR

NITROGEN FLOW REGULATOR



The **RHP400** and **RHP800** regulators for use with Nitrogen and CO₂ (with optional F36 adaptor) and have been specially designed for purging and pressure testing. The large "T" handle gives precise control and the stainless steel pressure adjusting screw and bushing prevent galling.

Part #	CGA Inlet	Outlet Connection	Gauges Delivery/Contents	Delivery PSIG
RHP400	580	1/4" M.F.	[G8SD] 600/4000 [G7SD]	0-400
RHP500	580	1/4" M.F.	[G8SD] 600/4000 [G7SD]	0-500
RHP800	580	1/4" M.F.	[G34SD] 1000/4000 [G7SD]	0-800

F36
Nitrogen to
CO₂ Adaptor



NITROVUE FLOW INDICATOR

NV1 NitroVue™ is nitrogen purging simplified! Precision adjustable valve for low flow of nitrogen gas when brazing copper tubing. The bright orange float ball visually confirms the flow of nitrogen gas, simply "PURGE" the copper lines at 20+ SCFH and then reduce the flow to "BRAZE" at 3-5 SCFH during the brazing process.

The nitrogen must be flowing to displace the oxygen inside the tubing during the brazing process, preventing internal oxidation and the resulting scale. Scale build up inside the tubing can cause blockage in the TXV and within the Air Conditioning and Refrigeration system resulting in premature failure. If the orange ball does not rise in the tube there is no flow of nitrogen, only static pressure and oxygen is not being displaced. The NV1 must be connected to a Nitrogen Regulator with the delivery pressure set at 60 PSI to control the nitrogen gas pressure. The NV1 is protected from over pressure with a reseatable safety blow off that opens at 200+ PSI.

NV1 NitroVue™



PURGE 20+ SCFH
REGULATOR DELIVERY PRESSURE @ RHP
NITROVUE
FLOW INDICATOR
BRAZE 3-5 SCFH

Part #	CGA Inlet	Outlet Connection
NV1	1/4" F.F.	1/4" M.F.



LOW INDICATOR, PUMPERS & KITS

SLUDGE/SUCKER® BLASTER® KIT

40004

The **Nitrogen Sludge/Sucker® Blaster® Kit** is multifunctional: it can be used for purging an A/C&R system, leak-testing a refrigerant line, calibrating pressure controls, cleaning a condensate drain line, cleaning coils, inflating tires, unclogging sinks and much more. The Sludge/Sucker® Blaster® Kit options include a choice of high or low pressure Nitrogen Regulators and various carrying stands, depending on tank size. All Sludge/Sucker® Blaster® Kits include the handy Sludge Blaster® for quickly unclogging drain pipes.

Sludge Sucker®

Sludge Blaster®



Sludge Sucker® Maintenance Kit



Part #	Regulators	Sludge Items	Hoses	Blowgun	Carrying Stand
40001	R1563 (Delv. 0-175 psi)				515 (20 cu. ft.)*
40002	R1563 (Delv. 0-175 psi)	40000			516 (40/55 cu. ft.)*
40003	RHP500 (Delv. 0-500 psi)	Sludge Sucker®	H5SMBY 5ft. Hose		515 (20 cu. ft.)*
40004	RHP500 (Delv. 0-500 psi)	and 40061	and H2SSM	BG1	516 (40/55 cu. ft.)*
40039	RHP400 (Delv. 0-400 psi)	Sludge Blaster®	2ft. Hose		515 (20 cu. ft.)*
40040	RHP400 (Delv. 0-400 psi)				516 (40/55 cu. ft.)*

*Tank not included

40055

A versatile, all-in-one kit. The **Sludge Sucker® Maintenance Kit** includes a Nitrogen regulator with a delivery pressure up to 400 psi for pressure testing an A/C&R system for leaks. It also includes many accessories for cleaning condensate drain lines and blowing off coils. It even has an air chuck to fill up that flat tire. As a bonus, it includes our Sludge Blaster® for unclogging drain pipes.

40055 Kit includes: RHP400, 40000, 40061, H2SSM, H5SMBY, 40050, 40022, BG1, 40045

QUALITY TOOLS THAT GO TO WORK WITH YOU®



SLUDGE SUCKER® ACCESSORIES



40061
Sludge Blaster®

Pipe Capacity:
3/4" to 1" I.D.

40000
Sludge Sucker®

Clear vinyl hose attaches to 3/4"
PVC condensate drain line

40048
Needle Tip

Attaches
to Blowgun



H2SSM
2 ft. Service Hose

Attaches to Blowgun



BG1
Blowgun

With Safety Tip
1/4" M.F. Inlet
and Outlet



H5SMBY
5 ft. Service Hose

Attaches to Blowgun

Rubber Plug Adaptors

Used for drainline flushing

40051
1" x 1-1/4"
Cone



40052
1-1/4" x 1-1/2"
Cone



40054
2" x 2-1/2"
Cone

40050
1/2" x 3/4"
Cone



40022
3/4" x 1-1/4"
Cone



40053
1-1/2" x 2"
Cone



40045
Air Chuck
with 1/4" M.F. Fitting

