Vacuum Pumps

Residential/Commercial

HUMM•VAC®

The popular Uniweld *exclusive* HUMM•VAC pumps: HVP 6CFM [yellow] and its two bigger brothers, HVP 8CFM [red] and HVP 12CFM [black] remove moisture and dehydrate a system quickly and efficiently. The rugged, tough chassis; powerful, quiet running 110/220V, 50/60 Hz motors, lighter weight and ergonomically designed features make these pumps the #1 choice to go to work with you.

- ***COOL STYLING & COLORS***
- ***WIDE SUREFOOTED CHASSIS***
- ***LIGHTWEIGHT***
- ***SLANT BACK BALANCED HANDLE***
- ***3-WAY INTAKE FITTINGS***
- ***LOW PROFILE BEVELED OIL DRAIN***
- ***LARGE OIL LEVEL SIGHT GLASS***
- ***GAS BALLAST***
- ***DUAL VOLTAGE 110/220V 50/60 Hz***
- ***HIGH PERFORMANCE DEEP VACUUM***
- ***FACTORY RATED TO 15 MICRONS***

CE





HVP12



HVP8



HVP6

HVAC-R Tools

U.S. PATENT # D0518068

Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Vacuum Pumps

Residential/Commercial

HUMM•VAC®

EXCLUSIVE PATENTED DESIGN



NON-SLIP RUBBER HAND GRIP

3-WAY INTAKE FITTINGS WITH TETHERED CAPS [THREAD CONNECTION: G1/2-19BSP]

GAS BALLAST

OIL FILL PORT AND EXHAUST DOME [THREAD CONNECTION: M27X1.5]

HEAT DISPERSING RESERVOIR FINS

LARGE SIGHT GLASS FOR EASY OIL MONITORING

BEVELED RESERVOIR PAN FOR COMPLETE OIL DRAINAGE

LOW PROFILE, EASY ACCESS OIL DRAIN

DUAL VOLTAGE POWER BOX

SLANT BACK CENTER BALANCED HANDLE

POWERFUL LOW DECIBEL FAN COOLED MOTOR

HEAT DISPERSING MOTOR FINS

SURE-GRIP RUBBER FOOT PADS

WIDE, STABLE FOOTPRINT

U.S. PATENT # D0518068

HVAC-R Tools

Pump Specifications	HVP6	HVP8	HVP12
Free Air Displacement	6.0 CFM, 170 liter/min	8.0 CFM, 226 liter/min.	12.0 CFM 340 liter/min.
Number of Stages	2-Stage Rotary Vane	2-Stage Rotary Vane	2-Stage Rotary Vane
Factory Micron Rating	15 Microns	15 Microns	15 Microns
3-Way Intake Fittings	1/4" & 3/8" Male Flare; 1/2" Acme	1/4", 3/8" & 1/2" Male Flare	1/4", 3/8" & 1/2" Male Flare
Thermal Overload Protection	1/2 HP	3/4 HP	3/4 HP
Voltage	110/220V - 50/60Hz	110/220V - 50/60Hz	110/220V - 50/60Hz
Oil Capacity	1 Quart [946ml]	31.3 Ounces [925 ml]	27.7 Ounces [820 ml]
Power Cord	72" [1.83m], U.S. -Type B Plug	72" [1.83m], U.S. -Type B Plug	72" [1.83m], U.S. -Type B Plug
Dimensions	14.50" x 6.875" x 10.75" 36.83 cm x 17.46 cm x 27.30 cm	15.0" x 6.875" x 10.75" 38.1 cm x 17.46 cm x 27.3 cm	15.0" x 6.875" x 10.75" 38.1 cm x 17.46 cm x 27.3 cm
Weight	26 lbs. [11.80 kg]	34 lbs. [15.42 kg]	35 lbs. [15.88 kg]
Shipping Weight	30 lbs. [13.60 kg]	38 lbs. [17.24 kg]	39 lbs. [17.70 kg]
Color	Yellow	Red	Black

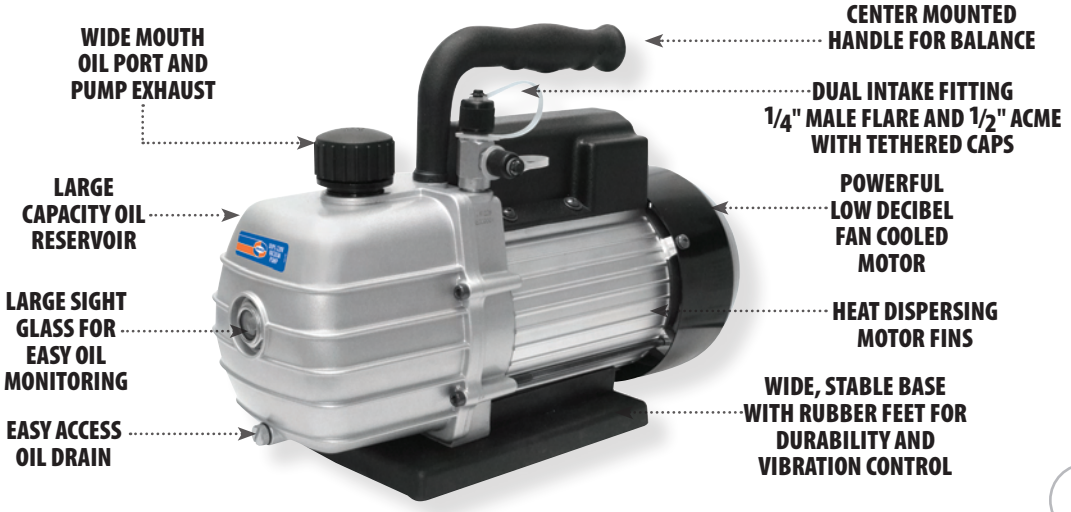
NOTE: Optional International Power Cord Available Upon Request.

Vacuum Pumps

5.5 CFM Vacuum Pump

Uniweld's high performance UVP5 Vacuum Pump has been designed and engineered to provide you with reliable service and the latest in vacuum pump technology. The UVP5 5.5 CFM pump is built for deep vacuum service on automotive, residential and commercial A/C systems using CFC, HCFC and HFC refrigerants in conjunction with mineral oil, ester oil, alkybenzene oil and PAG oil as lubricants.





CE

HVAC-R Tools

Part#	Free Air Displacement CFM	L/Min	Number of Stages	Factory Micron Rating	Intake Fittings [SAE]	Motor H.P.	Voltage	Power Cord 72" [1.83m] Plug Type	Oil Capacity	Dimensions Inches [cm] L	W	H	Weight Lbs.[Kg] Net	Ship
UVP5	5.5	155	2	15	1/4" Male Flare and 1/2" Acme	1/2	115V 60Hz	U.S. -Type B	15.22 Oz. [450 ml]	13.9 [35.3]	5.5 [14]	10.2 [26]	22.05 [10]	25.20 [11.4]
UVP5-220	4.66	132	2	15	1/4" Male Flare and 1/2" Acme	1/2	220V 50Hz	Europe -Type F	15.22 Oz. [450 ml]	13.9 [35.3]	5.5 [14]	10.2 [26]	22.05 [10]	25.20 [11.4]

Ductless Mini Split 1.5 CFM Vacuum Pump

Uniweld's high performance UVP1.5 CFM Vacuum Pump has been designed and engineered to provide you with reliable service and the latest in vacuum pump technology. The UVP1.5 pump is built for deep vacuum service on Ductless Mini Splits and Automotive A/C systems.



Part#	Free Air Displacement CFM	L/Min	Number of Stages	Factory Micron Rating	Intake Fittings [SAE]	Motor H.P.	Voltage	Power Cord 72" [1.83m] Plug Type	Oil Capacity	Dimensions Inches [cm] L	W	H	Weight Lbs.[Kg] Net	Ship
UVP1.5-110	1.43	40.5	2	38	1/4" Male Flare and 1/2" Acme	1/4	110V 50/60Hz	U.S. -Type B	4.7 Oz. [140 ml]	10.23 [26.0]	3.5 [9.0]	6.4 [16.5]	10 [4.5]	14 [6.3]
UVP1.5-220	1.43	40.5	2	38	1/4" Male Flare and 1/2" Acme	1/4	220V 50/60Hz	Europe -Type F	4.7 Oz. [140 ml]	10.23 [26.0]	3.5 [9.0]	6.4 [16.5]	10 [4.5]	14 [6.3]

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Vacuum Pumps

Replacement parts for HVP6, HVP8, HVP12, UVP5 & UVP1.5



Ref#	Part#	Description
1	42250	Exhaust Dome with O-Ring for UVP1.5 & UVP5 [Thread Conn. M27 x 1.5]
2	42251	Exhaust Dome with O-Ring for HVP6, HVP8 & HVP12 [Thread Conn. M27 x 1.5]
3	42252	Oil Drain Fitting with O-Ring for HVP6, HVP8 & HVP12
4	42253	Gas Ballast with O-Ring for HVP6, HVP8 & HVP12
5A	42277	Intake Fit. [1/4" X 1/2" Acme X 3/8"] w/Tethered Caps for HVP6
5B	42278	Intake Fit. [1/4" X 3/8" X 1/2"] w/Tethered Caps for HVP8 & HVP12
6	42257	Chassis Base with Bolt [Set of Two] HVP6 [Y]
6	42258	Chassis Base with Bolt [Set of Two] HVP8 [R]
6	42259	Chassis Base with Bolt [Set of Two] HVP12 [B]
7	42260	Base Rubber Feet with Bolt and Washer [set of two] for HVP6, HVP8 & HVP12
8	42261	Power Box On/Off Rocker Switch for HVP6, HVP8 & HVP12
9	42262	Voltage Slide Switch for HVP6, HVP8 & HVP12
10	42263	Power Box Outlet for HVP6, HVP8 & HVP12
11	42264	6' Power Cord (U.S.-Type B Plug) for HVP6, HVP8 & HVP12

Ref#	Part#	Description
12	42265	Handle w/Rubber Grip + [4 bolts] HVP6 [ ]
12	42266	Handle w/Rubber Grip + [4 bolts] HVP8 [R]
12	42267	Handle w/Rubber Grip + [4 bolts] HVP12 [B]
13	42274	Oil Reservoir w/Sight Glass + [4 bolts] HVP6 [ ]
13	42275	Oil Reservoir w/Sight Glass + [4 bolts] HVP8 [R]
13	42276	Oil Reservoir w/Sight Glass + [4 bolts] HVP12 [B]
14	42280	Oil Reservoir w/Sight Glass + [4 bolts] UVP5
15A	42281	Intake Fittings [1/4" & 3/8"] w/Tethered Caps, Ball, Snap Rings, & Filter for UVP5
15B	VP87	Intake Fittings [1/4" & 1/2" ACME] w/Tethered Caps for UVP1.5
16	42282	Oil Drain Fitting with O-Ring for UVP5 & UVP1.5
17	42283	Platform Base with Rubber Feet for UVP5
18	42284	Handle for UVP5
19A	42285	Electrical Switch Assembly for UVP5
19B	VP86	Electrical Switch Assembly for UVP1.5
20	42286	Metal Fan Cover for UVP5
21A	42288	6' Power Cord (U.S. - Type B Plug) for UVP5 & UVP1.5
22B	42289	6' Power Cord (EUROPE - Type F Plug) for UVP5 and UVP1.5-220

Vacuum Pump Oil



UNIWELD VACUUM PUMP OIL

Part#	Description
42005	1 Quart [946 ml]
42006	1 Gallon [3.78 L]

Uniweld's Vacuum Pump Oil is specially refined with excellent thermal stability for maximum efficiency and use in any vacuum pump. For maximum pump performance, it is recommended that the oil be changed after every evacuation. To properly test the oil, use a digital micron gauge. If, after directly attaching the micron gauge to the pump, a deep vacuum reading is not achieved, the oil is contaminated and must be changed.

MaxEvac Kit and Valve Core Removal

MaxEvac Kit



The MaxEvac Kit creates a closed system with unrestricted flow for fast and efficient evacuation of an A/C & R system. The kit includes two Valve Core Removal tools used to remove the access-fitting valve core for unrestricted evacuation and to isolate the micron gauge to accurately check the system for vacuum. Compatible with all refrigerants, including R-410A.



Part#	Description
92822	MaxEvac Kit Includes One of Each: 92825, 92838, H06A404A
92869	R-410A Mini Split MaxEvac Kit Includes One of Each: 92867, 92868 and H06A404A
H06A404A	6" Micron Gauge Vacuum Service Hose, 1/4" F.F. X L45, Black

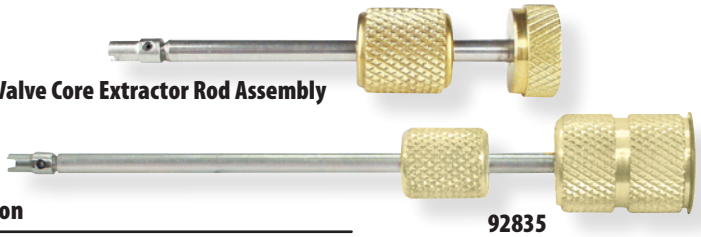
HVAC-R Tools

Valve Core Removal

Remove and replace valve cores without losing the system's refrigerant charge with Uniweld's valve core removal tool. Now you can temporarily remove valve cores for unrestricted line flow, providing faster recovery, evacuation and recharge of a system. The 3/8" full flow ball valve, with positive 1/4 turn on/off, swivels 360° for easy access to system service valves. Attach and isolate a micron gauge at the system using the valve core removal tool with 1/4" side port adaptor. Compatible with all refrigerants, including R-410A.



92825
Valve Core Removal Tool with Extractor Rod



92834 Valve Core Extractor Rod Assembly



92838
Valve Core Removal Tool with Extractor Rod and 1/4" Side Port Fitting

Part#	Description
92825	Valve Core Removal Tool [1/4"]
92829	R-134a Automotive Adaptors, 1 each [High Side and Low Side]
92832	R-134a Automotive Valve Core Removal Tool Kit includes one of each: 92825,92829 and 92835
92835	Long Valve Core Extractor Rod Assembly with Storage Compartment
92838	Valve Core Removal Tool with 1/4" Side Port Fitting
92867	R-410A Mini Split 5/16" Valve Core Removal Tool
92868	R-410A Mini Split 5/16" Valve Core Removal Tool with 1/4" Side Port Fitting

92835
Long Valve Core Extractor Rod Assembly [Use with 92829 R-134a Automotive Adaptors]

Long valve core extractor rod includes: Storage Compartment [valve cores not included]





92829
R-134a Automotive Adaptors [Requires Part# 92835]

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Vapor•Vue™



VV1

Vapor•Vue™ is a visible vapor charging device that absorbs heat naturally and flashes the liquid refrigerant from the cylinder and charges into the system as a vapor. Connecting the Vapor•Vue™ to the low side of your charging manifold will increase the charging rate up to 8 times faster and the liquid is controlled by adjusting the manifold valve and monitoring the vapor rate through the double sight glass. Vapor•Vue™ is factory pressure tested at 800 psi and can be used to charge any refrigeration and air conditioning systems using R-410A, CFC, HCFC & HFC; Zeotropic and Azeotropic refrigerants without the danger of liquid slugging and damaging the compressor. Placing the manifold & Vapor•Vue™ over hot discharge airflow of the condensing unit will increase the heat exchange and charging rate efficiency. Patent Pending.





Liquid Refrigerant to Vapor

HVAC-R Tools

A/C Flush Kit

The A/C Flush Kit is ideal for system flushing after compressor burnouts and will remove contaminants, moisture and acid from the evaporator and condenser. It is also used during retrofits and flushing R-22 line sets for R-410A conversions. *The R-22 mineral oil based system is not compatible with the R-410A ester oil based system.*



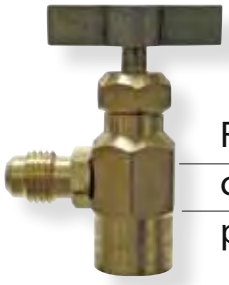
94184

NOTE: Automotive A/C Flush kit also available. See Page 70.

Special design features include:

- Pressure Relief Valve opens at 180 to 190 psi protecting the cylinder and equipment from overpressure. (Patent Pending)
- Blowgun with Rubber Tip Nozzle for Copper Tubing 3/8" to 1 1/8" O.D.
- Reusable canister holds up to 18 oz.

Part#	Description
94184	A/C System Flush Kit
H2SSM	24" Service Hose
FG24A	A/C Rubber Tip Nozzle with 1/8" M.P.T. Fitting
BG1ACA	Blowgun with A/C Rubber Tip Nozzle



AV25H

Actuating Valve

For use on disposable flush solvent cylinders with 1/2"-16 Acme connection. Safety check valve built in the 1/4" M.F. outlet connection prevents pressurizing the disposable cylinder.



Man, What a Manifold®

R-410A/R-22/R-404A

2 Valve Brass Manifold with 2½" LPF™ Gauges

HVAC-R Tools

QS4L5H





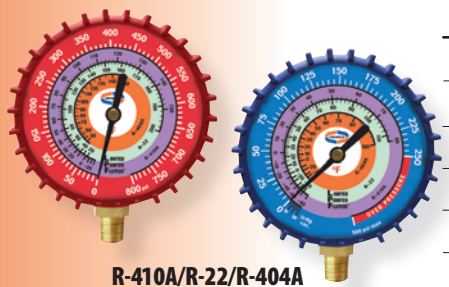
Vapor•Vue™ Charging device connects to low side. (see page 51)

COLOR CODED GAUGE BOOTS



QS4L

The patented Uniweld forged brass body is manufactured with reseatable Teflon® valve stem packing for durability and leakproof reliability. This user-friendly, accurate, manifold features: • Limited Pointer Flutter™, easy-to-read 2½" gauges with color coded refrigerant scales and color coded gauge boots • Metal [not plastic] hand wheels • Extended valve stems for ample knuckle clearance • Quick action valve assembly for ½ turn fully open or fully closed • Convenient 45° front hose holders • High Pressure ***Soft Magic® Barrier Hoses*** *[available with optional anti-blowback fittings].* **Man, What a Manifold!**



R-410A/R-22/R-404A Color Coded Replacement Gauges G529LD Red, Pressure G530LD Blue, Compound



Part#	UPC#	Description	R-410A/R-22/R-404A - PSI/°F
QS4L	47500	2-Valve Brass Manifold [No Hoses]	
QS4L3H	47501	2-Valve Brass Manifold [3ft. Soft Magic® Barrier Hose Set]	
QS4L5H	47502	2-Valve Brass Manifold [5ft. Soft Magic® Barrier Hose Set]	
QS4L6H	47503	2-Valve Brass Manifold [6ft. Soft Magic® Barrier Hose Set]	
QS4L3HA	47571	2-Valve Brass Manifold [3ft. Soft Magic® Barrier Anti-Blowback Hose Set]	
QS4L5HA	47572	2-Valve Brass Manifold [5ft. Soft Magic® Barrier Anti-Blowback Hose Set]	
QS4L6HA	47573	2-Valve Brass Manifold [6ft. Soft Magic® Barrier Anti-Blowback Hose Set]	

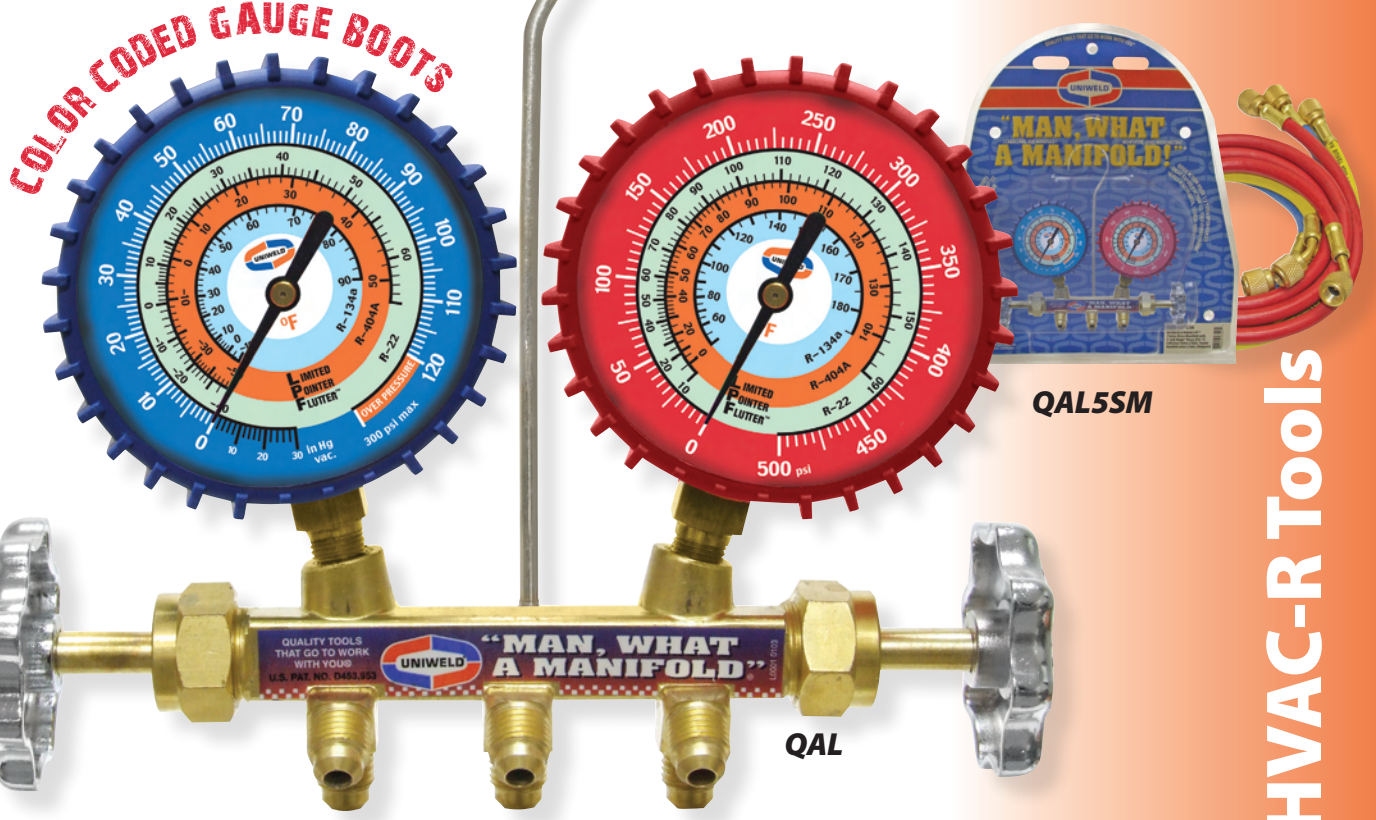
Other pressure and temperature scales are available upon request.

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800/323-2111 www.uniweld.com

Man, What a Manifold®

R-22/R-404A/R-134a

2 Valve Brass Manifold with 2½" LPF™ Gauges



QAL5SM

QAL

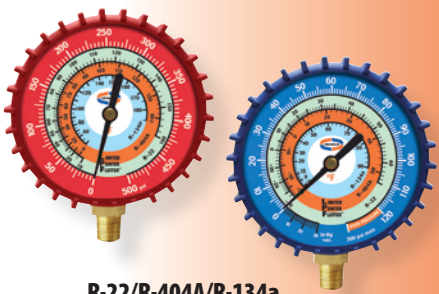
HVAC-R Tools

The patented Uniweld forged brass body is manufactured with reseatable Teflon® valve stem packing for durability and leakproof reliability. This user-friendly, accurate, manifold features: • Limited Pointer Flutter™, easy-to-read 2½" gauges with color coded refrigerant scales and color coded gauge boots • Metal [not plastic] hand wheels • Extended valve stems for ample knuckle clearance • Quick action valve assembly for ½ turn fully open or fully closed • Convenient 45° front hose holders • ***Soft Magic® Hoses*** *[available with optional anti-blowback fittings].* **Man, What a Manifold!**

R-22/R-404A/R-134a - PSI/°F

Part#	UPC#	Description
QAL	45050	2-V Brass Mfld. [No Hoses]
QAL3SM	48001	2-V Brass Mfld. [3ft. Soft Magic® Hose Set]
QAL5SM	48002	2-V Brass Mfld. [5ft. Soft Magic® Hose Set]
QAL6SM	48003	2-V Brass Mfld. [6ft. Soft Magic® Hose Set]
QAL3SMA	48101	2-V Brass Mfld. [3ft. Soft Magic® Anti-Blowback Hose Set]
QAL5SMA	48103	2-V Brass Mfld. [5ft. Soft Magic® Anti-Blowback Hose Set]
QAL6SMA	48104	2-V Brass Mfld. [6ft. Soft Magic® Anti-Blowback Hose Set]

Other pressure and temperature scales are available upon request.



R-22/R-404A/R-134a
Color Coded Replacement Gauges
G29LD Red, Pressure
G30LD Blue, Compound



Man, What a Manifold®

R-410A/R-22/R-404A/R-134a

2 Valve Brass Manifold with 3⅛" NPF® Gauges

HVAC-R Tools



QS8N5SMA



NPF® Silicone Dampened Movement

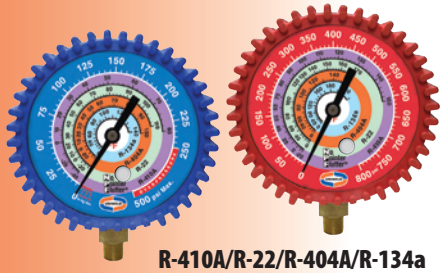


Removable plastic lens plug for easy zero reset of gauge pointer

QS8N

The patented Uniweld forged brass body is manufactured with reseatable Teflon® valve stem packing for durability and leakproof reliability. These user-friendly, accurate, manifolds feature: • NPF® No Pointer Flutter® 3⅛", easy-to-read gauges with color coded refrigerant scales and color coded gauge boots • Metal [not plastic] hand wheels • Extended valve stems for ample knuckle clearance • Quick action valve assembly for ½ turn fully open or fully closed • Convenient 45° front hose holders • High Pressure ***Soft Magic® Barrier Hoses*** with anti-blowback fittings.

Man, What a Manifold!



R-410A/R-22/R-404A/R-134a Color Coded Replacement Gauges
G429ND Red, Pressure
G430ND Blue, Compound



Part#	UPC#	Description R-410A/R-22/R-404A/R-134a - PSI/°F
QS8N	48600	2-Valve Brass Manifold [No Hoses]
QS8N3SMA	48601	2-Valve Brass Manifold [3ft. Soft Magic® Barrier Anti-Blowback Hose Set]
QS8N5SMA	48602	2-Valve Brass Manifold [5ft. Soft Magic® Barrier Anti-Blowback Hose Set]
QS8N6SMA	48603	2-Valve Brass Manifold [6ft. Soft Magic® Barrier Anti-Blowback Hose Set]

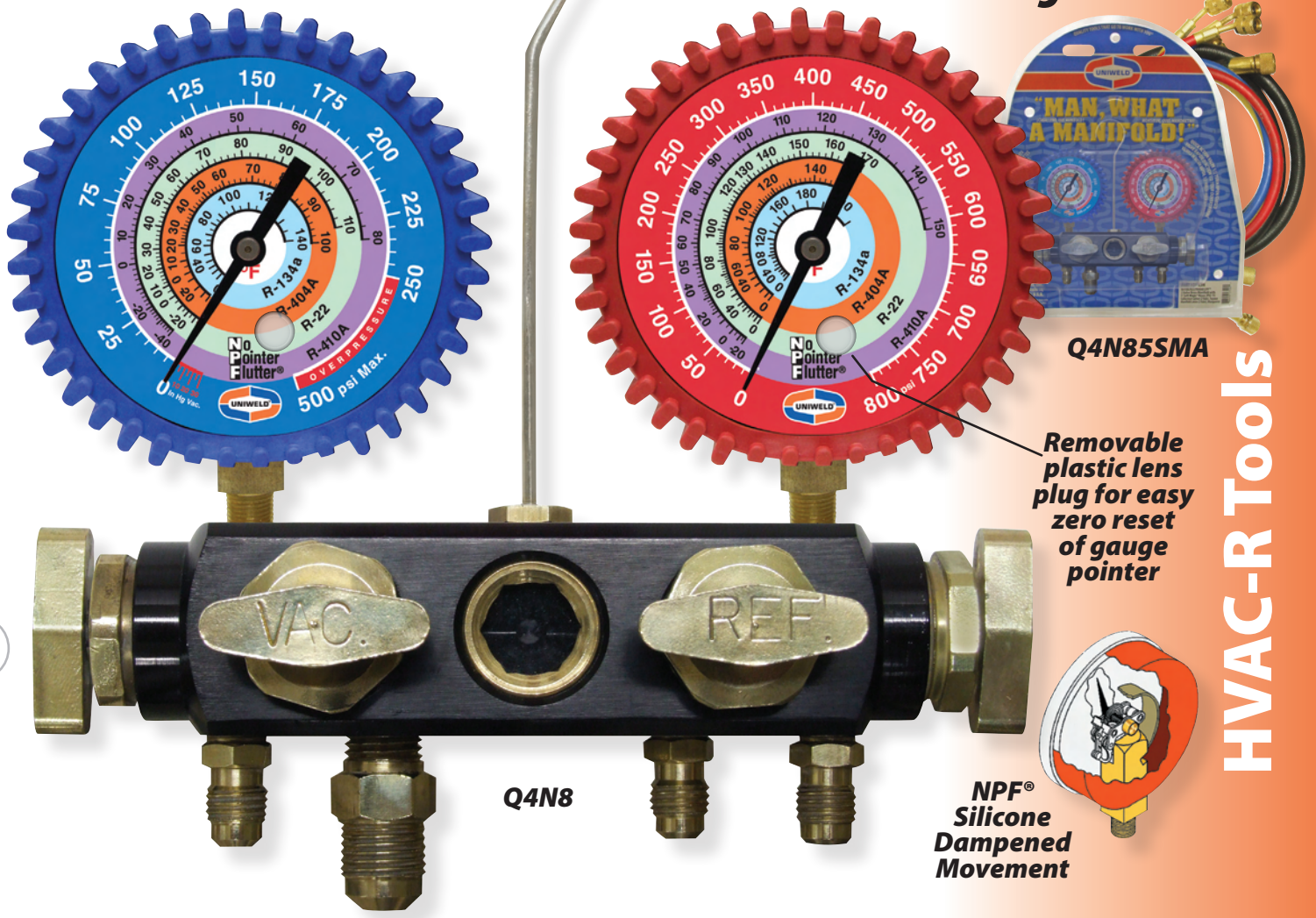
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Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Man, What a Manifold®

R-410A/R-22/R-404A/R-134a

4 Valve Aluminum Manifold with 3⅛" NPF® Gauges



Q4N85SMA

Removable plastic lens plug for easy zero reset of gauge pointer

Q4N8

NPF® Silicone Dampened Movement

HVAC-R Tools

Anodized aircraft aluminum block body with 4 ports for charging, evacuating and testing a system without changing or removing hoses • 3/8" SAE port increases vacuum capacity and saves time • Optical sight glass for monitoring refrigerant • Durable, brazed brass T-handles provide smooth, precise adjustments • NPF® No Pointer Flutter® 3⅛" gauges with color coded refrigerant scales and color coded gauge boots • High Pressure ***Soft Magic® Barrier Hoses*** *[available with optional anti-blowback fittings].* **Man, What a Manifold!**

Part#	UPC#	Description	R-410A/R-22/R-404A/R-134a- PSI/°F
Q4N8	48700	4-Valve Aluminum Manifold [No Hoses]	
Q4N85SM	48701	4-Valve Aluminum Manifold [5ft. Soft Magic® Barrier Hose Set]	
Q4N85SMA	48702	4-Valve Aluminum Manifold [5ft. Soft Magic® Barrier Anti-Blowback Hose Set]	

Other pressure and temperature scales are available upon request.



R-410A/R-22/R-404A/R-134a
Color Coded Replacement Gauges
G429ND Red, Pressure
G430ND Blue, Compound



Man, What a Manifold®

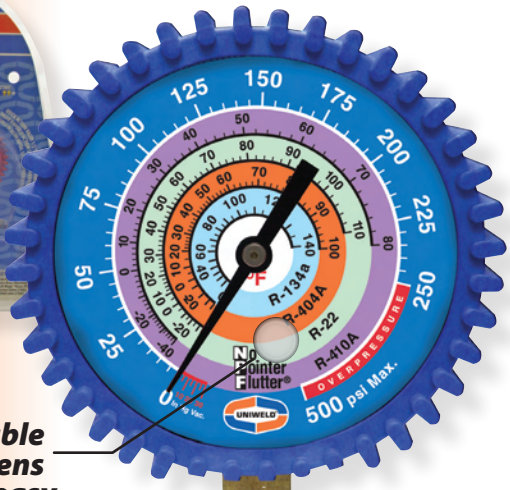
R-410A/R-22/R-404A/R-134a

2 Valve Aluminum Manifold with 3⅛" NPF® Gauges

HVAC-R Tools

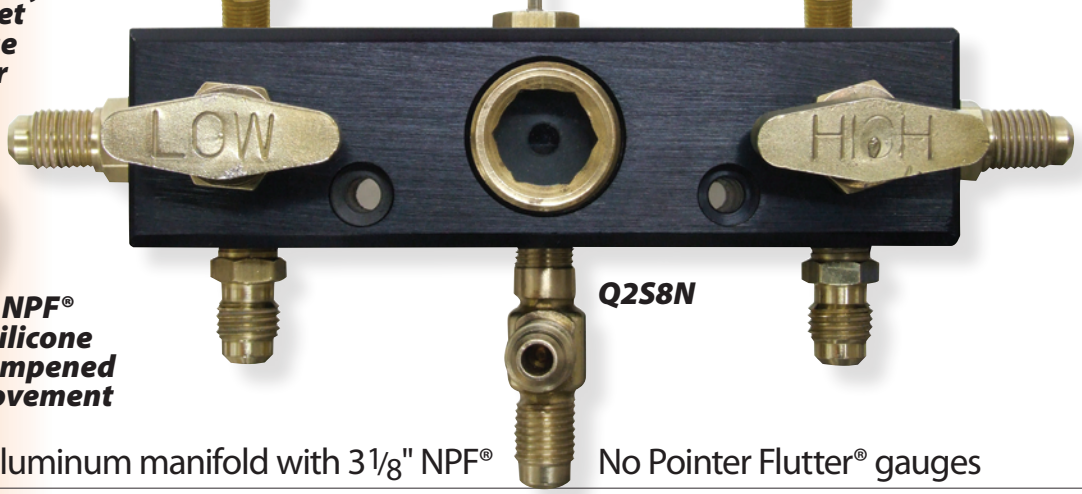


Q2S8N5SMA



Removable plastic lens plug for easy zero reset of gauge pointer





Q2S8N



NPF® Silicone Dampened Movement

The Uniweld aluminum manifold with 3⅛" NPF® No Pointer Flutter® gauges features our exclusive encapsulated silicone dampened movement and an optical sight glass for monitoring refrigerant. Durable, brazed brass T-handle front valves provide smooth, precise adjustments. High Pressure ***Soft Magic® Barrier Hoses*** *with anti-blowback fittings* are color coded, flexible and durable. Color coded gauge boots provide added protection.

Man, What a Manifold!



R-410A/R-22/R-404A/R-134a Color Coded Replacement Gauges
G429ND Red, Pressure
G430ND Blue, Compound



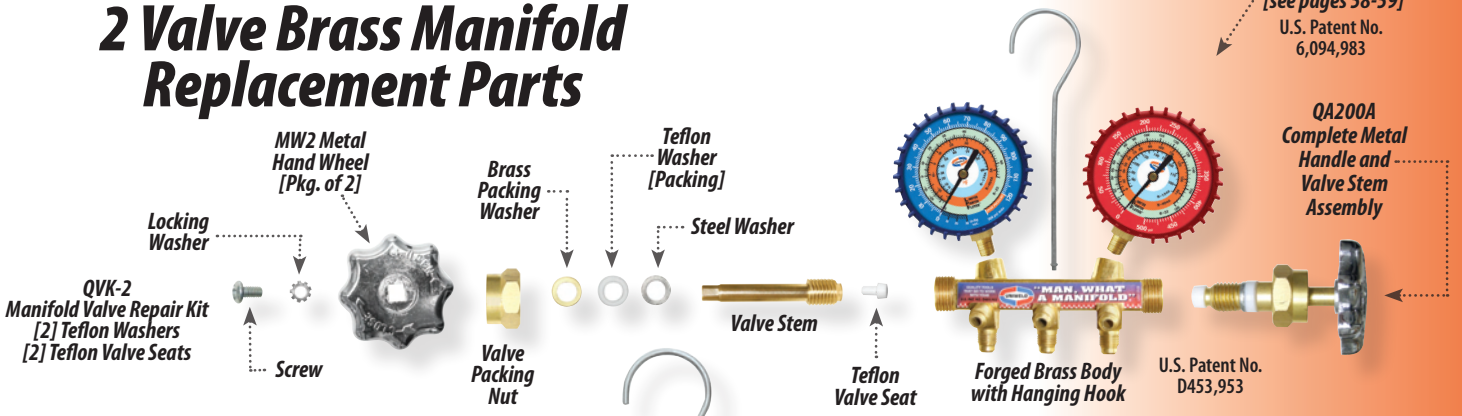
Part#	UPC#	Description	R-410A/R-22/R-404A/R-134a - PSI/°F
Q2S8N	48900	2-Valve Aluminum Manifold [No Hoses]	
Q2S8N3SMA	48901	2-Valve Aluminum Manifold [3ft. Soft Magic® Barrier Anti-Blowback Hose Set]	
Q2S8N5SMA	48902	2-Valve Aluminum Manifold [5ft. Soft Magic® Barrier Anti-Blowback Hose Set]	
Q2S8N6SMA	48903	2-Valve Aluminum Manifold [6ft. Soft Magic® Barrier Anti-Blowback Hose Set]	

Other pressure and temperature scales are available upon request.

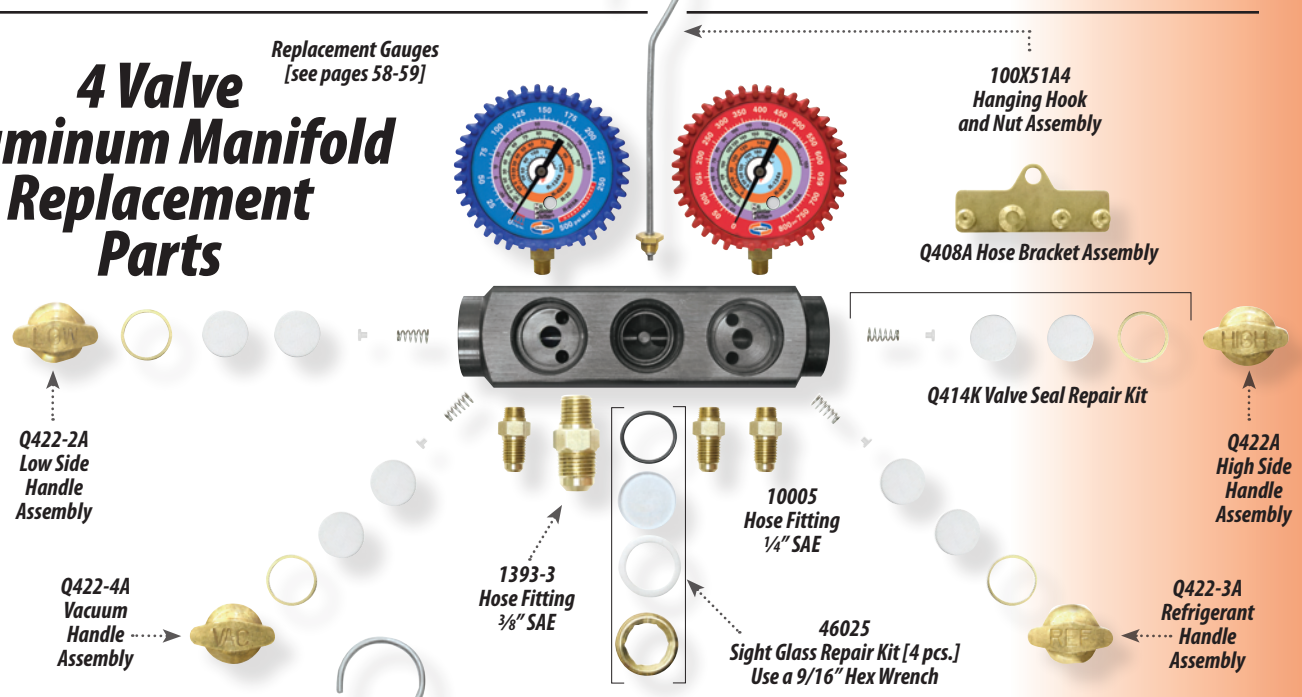
Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Man, What a Manifold®

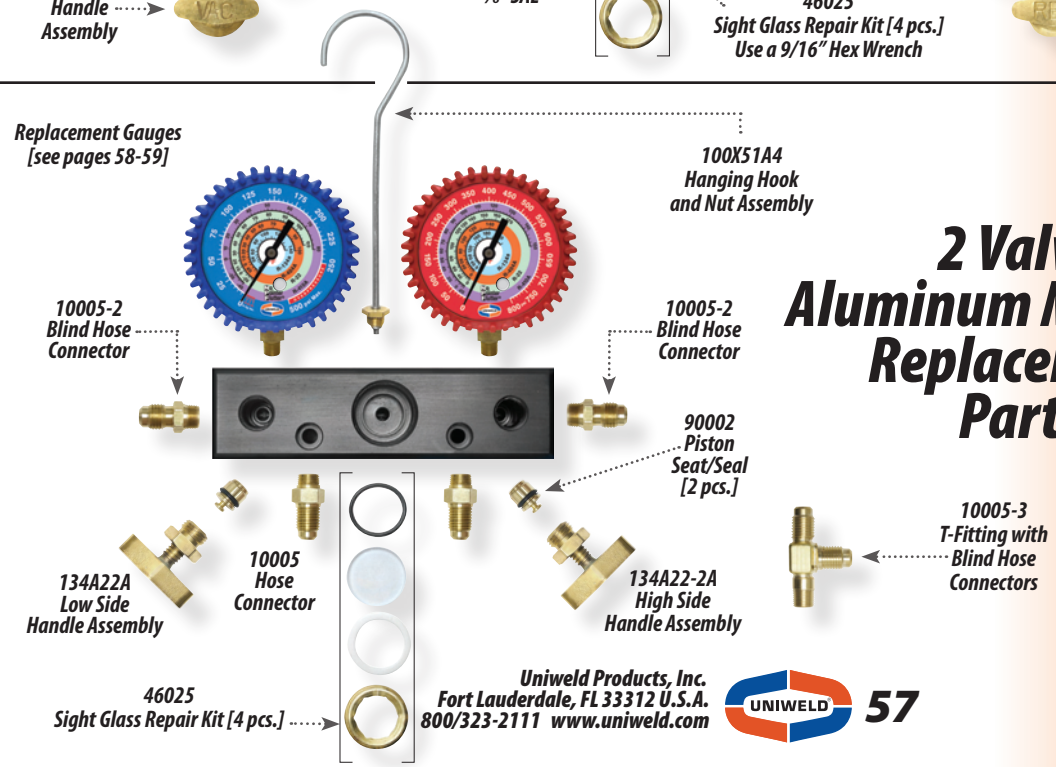
2 Valve Brass Manifold Replacement Parts



4 Valve Aluminum Manifold Replacement Parts



2 Valve Aluminum Manifold Replacement Parts



HVAC-R Tools

NPF® Gauges

Manifold Replacement Gauges



Competitor's "Vibration Free" Gauge

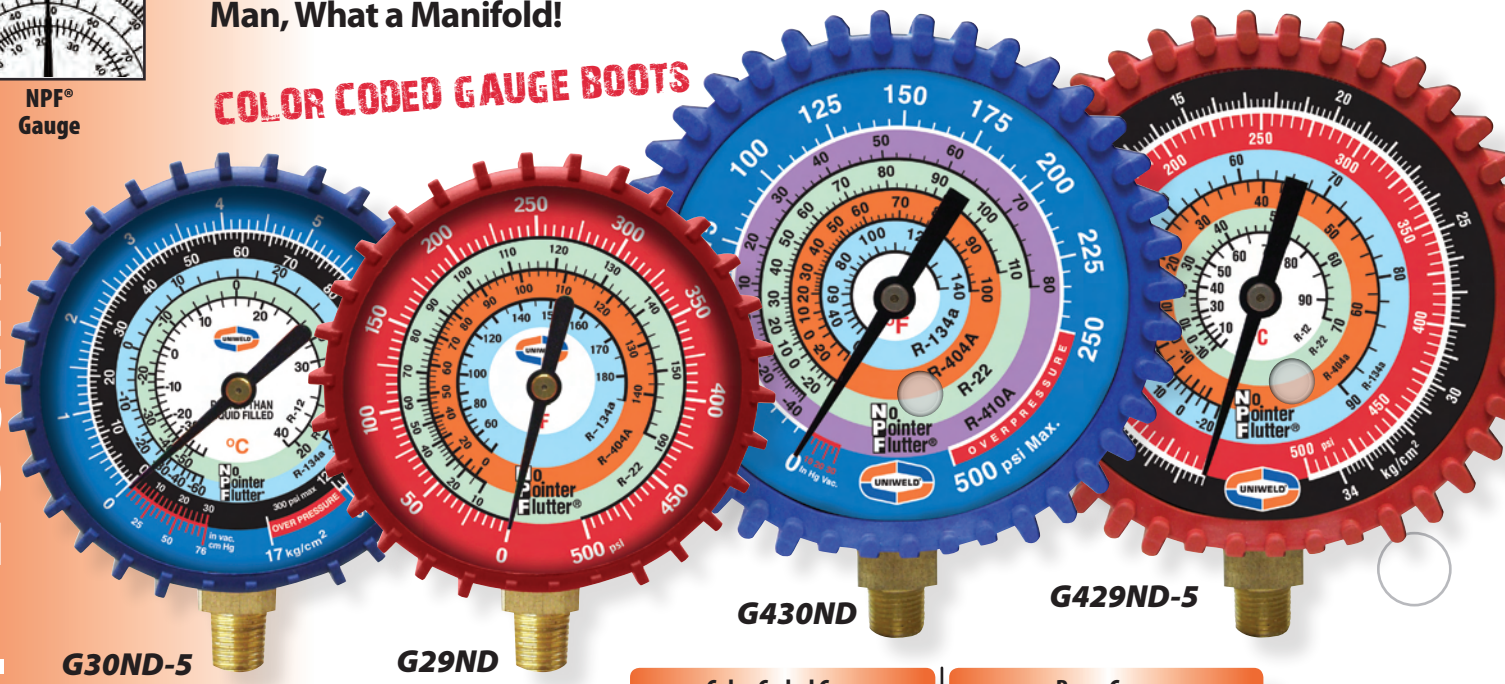


NPF® Gauge

The original NPF® No Pointer Flutter® Gauges that provide steady and accurate pressure readings. The encapsulated silicone dampened movement seldom needs recalibration. The gauge is guaranteed not to leak fluid and not to lose dampening characteristics. Scales are printed in refrigerant colors.

Man, What a Manifold!

COLOR CODED GAUGE BOOTS



HVAC-R Tools

	Refrigerant Pressure/Temperature Scale	Color Coded Case Red Pressure Part#	Color Coded Case Blue Compound Part#	Brass Case Pressure Part#	Brass Case Compound Part#
2½"	*R-134a/R-22/R-404A* PSI °F	G29ND	G30ND	G29NBD	G30NBD
2½"	*R-134a/R-22/R-12* PSI-kg/cm²-°F	G29ND-1	G30ND-1	G29NBD-1	G30NBD-1
2½"	PSI-kg/cm²-°C	G29ND-5	G30ND-5	G29NBD-5	G30NBD-5
2½"	*R-410A/R-22/R-404A* PSI °F	G529ND	G530ND	G529NBD	G530NBD
3⅛"	*R-134a/R-12 [Automotive]* PSI-°F	G409NSAD	G410NSAD		
3⅛"	*R-410A/R-22/R-404A/R-134a* PSI-°F	G429ND	G430ND		
3⅛"	*R-134a/R-404A/R-22/R-12* PSI - kg/cm² °C	G429ND-5	G430ND-5		



NPF® Silicone Dampened Movement

Replacement Parts

Part#	UPC#	Description
CF25	51018	2½" Clear Front Lens w/ Plug
CF80	51019	3⅛" Clear Front Lens w/ Plug
GB25S	51027	2.5" Protective Gauge Boots, Pkg. [1] Red, [1] Blue
GB80S	51028	3⅛" Protective Gauge Boots, Pkg. [1] Red, [1] Blue
PL25	51004	2½" Posi-Lock Replacement Lens



GB25S

Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

LPF™ Gauges

Manifold Replacement Gauges



Competitor's "Vibration Free" Gauge

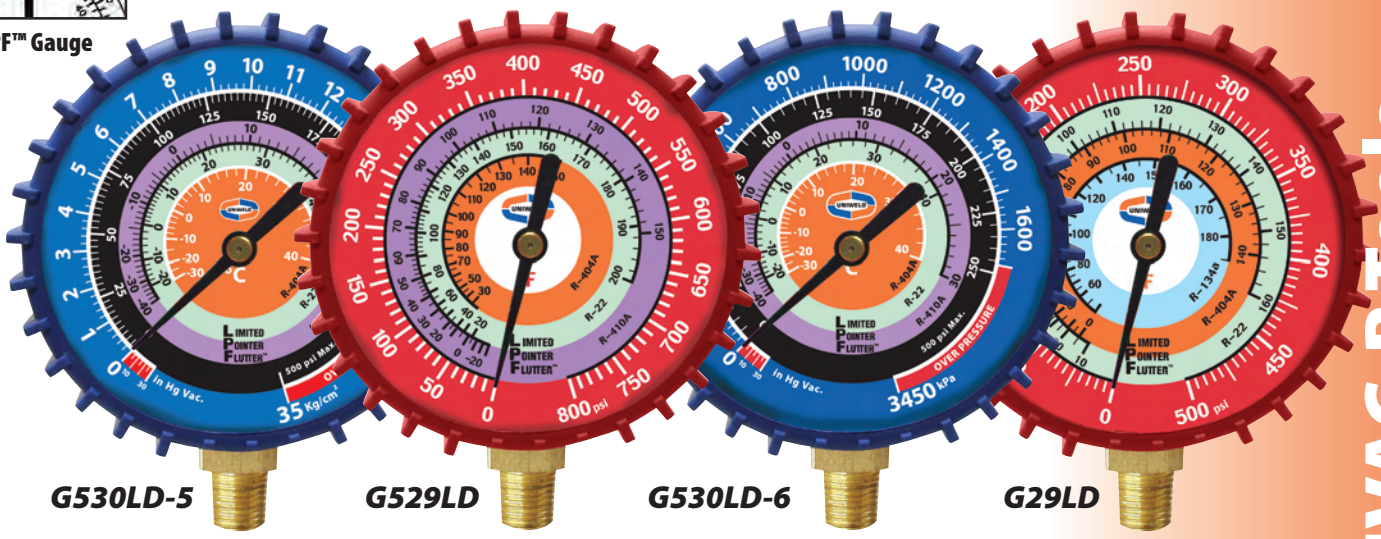


LPF™ Gauge

Uniweld's 2½" LPF™ Limited Pointer Flutter™ Gauge with its large, easy-to-read dial face provides improved accuracy of pressure readings. Features include a high torque hair spring movement and a special pulsation dampener.

Man, What a Manifold!

COLOR CODED GAUGE BOOTS



G530LD-5 *G529LD* *G530LD-6* *G29LD*

Refrigerant Pressure/Temperature Scale		Color Coded Case Red Pressure Part#	Color Coded Case Blue Compound Part#	Brass Case Pressure Part#	Brass Case Compound Part#
2½"	***R-22/R-404A/R-134a***				
	PSI °F	G29LD	G30LD	G29D	G30D
	R-134a /R-12/R-22				
	PSI-Kg/cm²-°F	G29LD-1	G30LD-1	G29D-1	G30D-1
	PSI-Kg/cm²-°C	G29LD-5	G30LD-5	G29D-5	G30D-5
	R-410A/R-22/R-404A				
	PSI °F	G529LD	G530LD	G529D	G530D
	PSI-Kg/cm²-°C	G529LD-5	G530LD-5	–	–
	PSI-kPa °C	G529LD-6	G530LD-6	–	–
	R-134a/R-12 [Automotive]				
	PSI-°F	G9LAD	G10LAD	–	–
	R-134a/R-404A/R-507				
	PSI-Kg/cm²-°C	G9LD-5	G10LD-5	–	–

Replacement Parts

Part#	UPC#	Description
CF25	51018	2½" Clear Front Lens w/ Plug
GB25S	51027	2½" Protective Gauge Boots, Pkg. [1] Red, [1] Blue
PL25	51004	2½" Posi-Lock Replacement Lens



GB25S



HVAC-R Tools

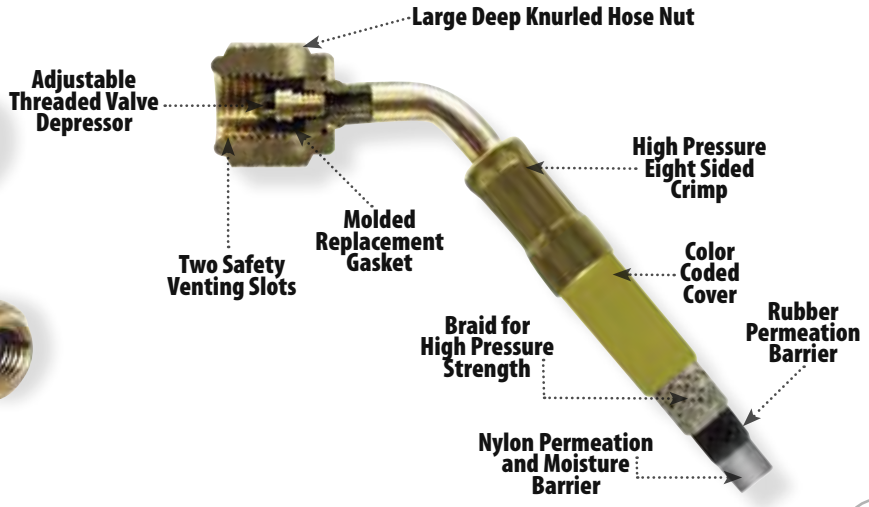
Soft Magic® Barrier Hose with Standard Fittings

A premium flexible barrier hose rated for R410A, CFC, HCFC and HFC refrigerants.

RATED FOR R410A *2 YEAR WARRANTY



Standard Fitting
Actual Size



Maximum Working Pressure: 800 psi
Burst Pressure: 4000 psi

HVAC-R Tools

	Length	Red Part#	Yellow Part#	Blue Part#	Hose Set 1 Each R, Y, B Part#
Soft Magic® Barrier Hoses w/Standard Fittings	6" 15cm	H06SMBR	H06SMBY	H06SMBB	HC353SMB Hose Set: [2] 3 ft. hoses and [1] 5 ft. Hose
	12" 30cm	H1SMBR	H1SMBY	H1SMBB	
	24" 60cm	H2SMBR	H2SMBY	H2SMBB	
	36" 90cm	H3SMBR	H3SMBY	H3SMBB	HC3SMB
	48" 120cm	H4SMBR	H4SMBY	H4SMBB	HC4SMB
	60" 150cm	H5SMBR	H5SMBY	H5SMBB	HC5SMBA
	72" 180cm	H6SMBR	H6SMBY	H6SMBB	HC6SMBA
	96" 240cm	H8SMBR	H8SMBY	H8SMBB	HDC5MB Hose Set: [3] 5 ft. 1/4" Hoses and [1] 5 ft. 3/8" Hose
	25′ 7.50m	H25SMBR	H25SMBY	H25SMBB	
	50′ 15.00m	H50SMBR	H50SMBY	H50SMBB	
	100′ 30.00m	H100SMBR	H100SMBY	H100SMBB	

Replacement Parts for Soft Magic® Barrier Hoses	Part#	Description
	H1476	Pkg. of (6) Gaskets and (3) Depressors
	HX14N-10	Pkg. of (10) Gaskets
	HX14N-100	Pkg. of (100) Gaskets
	H76S-10	Pkg. of (10) Valve Depressors

*See HVAC/R Price List for Details



92655
Soft Magic® Barrier Hose Display Rack [Holds up to 50 hoses]



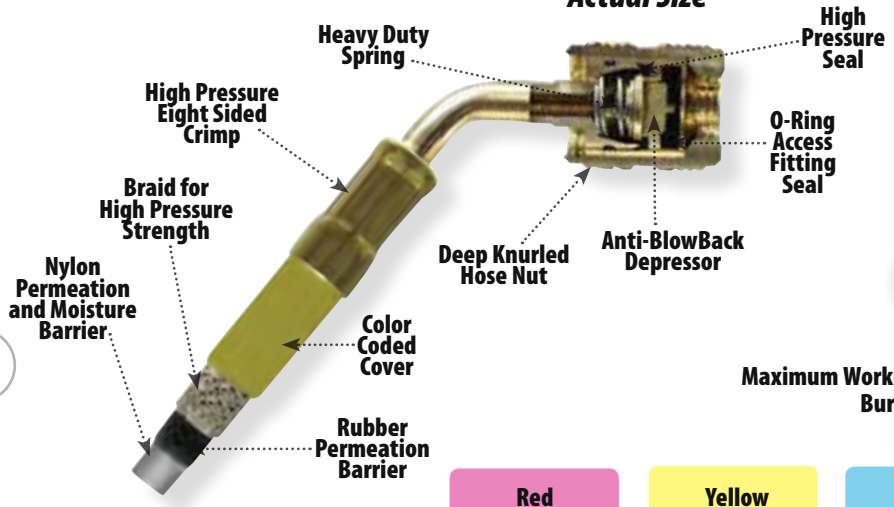
Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Soft Magic® Barrier Hose with Anti-BlowBack Fittings

A premium flexible barrier hose rated for R410A, CFC, HCFC and HFC refrigerants. Small, compact, low loss Anti-blowback fittings prevent refrigerant finger burns when connecting and disconnecting from an access fitting.

RATED FOR R410A *2 YEAR WARRANTY

Anti-Blowback Fitting
Actual Size





Maximum Working Pressure: 800 psi
Burst Pressure: 4000 psi

HVAC-R Tools

	Length		Red Part#	Yellow Part#	Blue Part#	Hose Set 1 Each R, Y, B Part#
Soft Magic® Barrier Hoses w/Anti-Blowback Fittings	6"	15cm	H06SMBAR	H06SMBAY	H06SMBAB	HC353SMBA Hose Set: [2] 3 ft. hoses and [1] 5 ft. Hose
	12"	30cm	H1SMBAR	H1SMBAY	H1SMBAB	
	24"	60cm	H2SMBAR	H2SMBAY	H2SMBAB	
	36"	90cm	H3SMBAR	H3SMBAY	H3SMBAB	HC3SMB
	48"	120cm	H4SMBAR	H4SMBAY	H4SMBAB	HC4SMB
	60"	150cm	H5SMBAR	H5SMBAY	H5SMBAB	HC5SMBA
	72"	180cm	H6SMBAR	H6SMBAY	H6SMBAB	HC6SMBA
	96"	240cm	H8SMBAR	H8SMBAY	H8SMBAB	HDC5MBA Hose Set: [3] 5 ft. 1/4" Hoses and [1] 5 ft. 3/8" Hose
	25′	7.50m	H25SMBAR	H25SMBAY	H25SMBAB	
	50′	15.00m	H50SMBAR	H50SMBAY	H50SMBAB	
	100′	30.00m	H100SMBAR	H100SMBAY	H100SMBAB	

*See HVAC/R Price List for Details

92655
Soft Magic® Barrier Hose Display Rack [Holds up to 50 hoses]



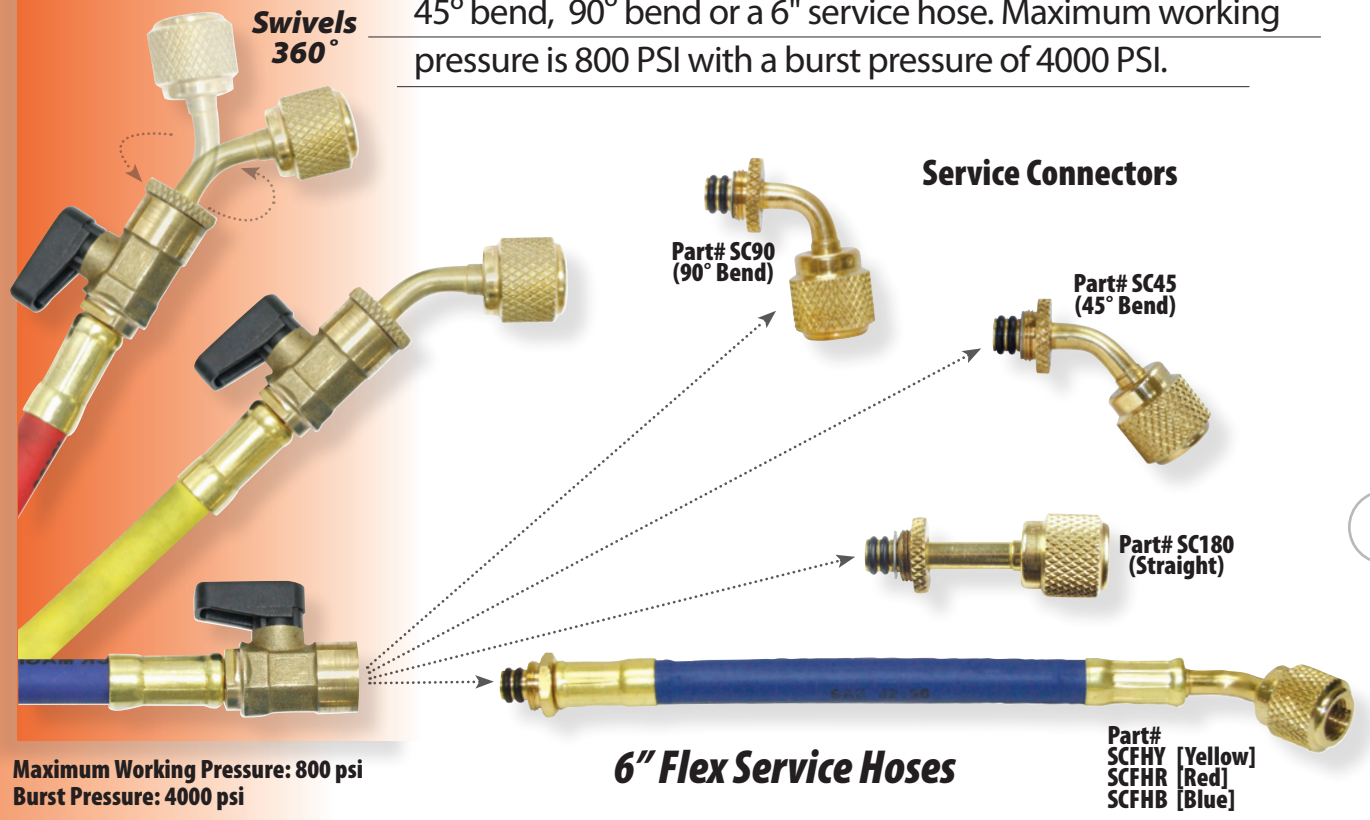
Replacement Parts	Part#	Description
	ABBRK	Anti-Blowback O-Ring Repair Kit. Pkg. of (4) X47R
	HX14N-10	Pkg. of (10) Gaskets



Soft Magic® Barrier Enviro Hoses

RATED FOR R410A *2 YEAR WARRANTY

The Soft Magic® Barrier Enviro hose has a universal ball valve with patented interchangeable service connectors and flex service hoses that connect easily to that hard to reach access fitting. Easy-snap-in service connectors available: straight, 45° bend, 90° bend or a 6" service hose. Maximum working pressure is 800 PSI with a burst pressure of 4000 PSI.



Maximum Working Pressure: 800 psi
Burst Pressure: 4000 psi

	Length	Red Part#	Yellow Part#	Blue Part#	Hose Set 1 Each R, Y, B
Soft Magic® Barrier Enviro Hoses with 45° Bend Service Connector	36" 90cm	H3SMBER	H3SMBEY	H3SMBEB	HC3SMBE
	48" 120cm	H4SMBER	H4SMBEY	H4SMBEB	HC4SMBE
	60" 150cm	H5SMBER	H5SMBEY	H5SMBEB	HC5SMBE
	72" 180cm	H6SMBER	H6SMBEY	H6SMBEB	HC6SMBE
	96" 240cm	H8SMBER	H8SMBEY	H8SMBEB	HC353SMBE Hose Set: [2] 3 ft. Hoses and [1] 5 ft. Hose
	25′ 7.50m	H25SMBER	H25SMBEY	H25SMBEB	
	50′ 15.00m	H50SMBER	H50SMBEY	H50SMBEB	
	100′ 30.00m	H100SMBER	H100SMBEY	H100SMBEB	

*See HVAC/R Price List for Details

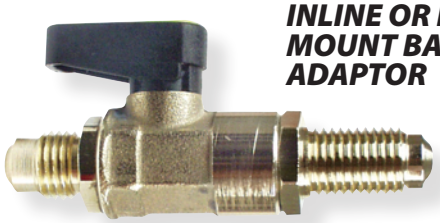
	Part#	Description
Repair Kit	21085	Service Connector Repair Kit Includes: [2] O-Rings and [1] Retainer Clip

Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Ball Valve Adaptors

Inline, Panel Mount, 45° Bend

INLINE OR PANEL MOUNT BALL VALVE ADAPTOR



92806

45° BEND BALL VALVE ADAPTOR



92809

- Minimize refrigerant loss by rotating valve to closed position before disconnecting from the system
- Recovery machine panel mount control valve

	Part#	Description
Inline or Panel Mount Ball Valve	92806	Inline or Panel Mount Ball Valve Adaptor, ¼" M.F. x ¼" M.F.

- Hose nut swivels 360° for easy access into tight work areas
- Add to existing hose as control device

	Part#	Description
Ball Valve Adaptor	92809	Ball Valve Adaptor ¼" M.F. x ¼" F.F. with 45° Bend
	92833	Ball Valve Adaptor ¼" M.F. x ¼" F.F. with 45° Bend [Set of 3]

6" Enviro Adaptor Hoses

For less wear on your refrigeration system, substantial energy savings and reduced operating costs.



90048



90049



90052



90054

	Part#	Description
6" Enviro Adaptor Hoses	90048	Inline Ball Valve, ⅜" M.F. x ⅜" M. F.
	90049	Inline Ball Valve, ⅜" M.F. x ¼" M. F.
	90054	Ball Valve with 6" Heavy Duty Hose, ⅜" M.F. x ⅜" F.F.
	90055	Ball Valve with 6" Hose, ⅜" M.F. x ¼" F.F. Hose w/45° Bend, Yellow

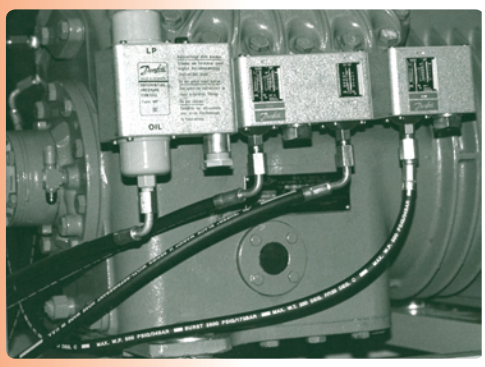
Part#	Description
90050	Ball Valve w/6" Hose [Yellow], ¼" M.F.x ¼" F.F. w/45° Bend
90051	Ball Valve w/6" Hose [Blue], ¼" M.F. x ¼" F.F. w/45° Bend
90052	Ball Valve w/6" Hose [Red], ¼" M.F. x ¼" F.F. w/45° Bend
90053	Ball Valve w/6" Hose [Red], ¼" M.F. x 3/16" F.F. w/45° Bend
90299	Ball Valve with 6" Hose Set, [1 each 90050, 90051, 90052]

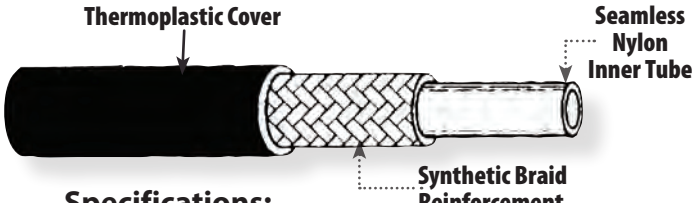
HVAC-R Tools

Super Black Magic® Refrigerant Hoses

HVAC-R Tools

Uniweld's Super Black Magic® Refrigeration hoses for permanent installation are long lasting, trouble free alternatives to traditional copper capillary tubing used on refrigerant pressure and oil cutout controls. The wizardry of this hose is a seamless nylon tube wrapped with a synthetic braid reinforcement and covered with black thermoplastic elastomer for maximum abrasion resistance. Refrigerant service technicians have found that this hose is easy to install in refrigeration rack systems in Supermarkets, Processing Plants and Paper Mills and is very cost effective. Available with optional 90° fittings for easy installation.





Specifications:

- **Maximum Operating Pressure: 500 psi [34 Bar]**
- **Burst Pressure: 2500 psi [173 Bar]**
- **Maximum Working Temperature: 250°F [122 °C]**
- **Minimum Bend Radius: 2.00" [50.8mm]**



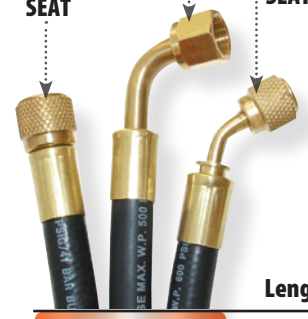
	Length		Straight x Straight Part#	Straight x 90° Part#	90° x 90° Part#	Description
¼" F.F. x ¼" F.F. Super Black Magic® Hoses	12"	30cm	H012A400A	H012A409A	H012A410A	¼" Female Flare x ¼" Female Flare
	18"	45cm	H018A400A	H018A409A	H018A410A	¼" Female Flare x ¼" Female Flare
	24"	60cm	H024A400A	H024A409A	H024A410A	¼" Female Flare x ¼" Female Flare
	30"	75cm	H030A400A	H030A409A	H030A410A	¼" Female Flare x ¼" Female Flare
	36"	90cm	H036A400A	H036A409A	H036A410A	¼" Female Flare x ¼" Female Flare
	48"	120cm	H048A400A	H048A409A	H048A410A	¼" Female Flare x ¼" Female Flare
	60"	150cm	H060A400A	H060A409A	H060A410A	¼" Female Flare x ¼" Female Flare
⅜" F.F. x ⅜" F.F. Super Black Magic® Hoses	12"	30cm	HD1A700A	HD1A709A	HD1A710A	⅜" Female Flare x ⅜" Female Flare
	18"	45cm	HD018A700A	HD018A709A	HD018A710A	⅜" Female Flare x ⅜" Female Flare
	24"	60cm	HD2A700A	HD2A709A	HD2A710A	⅜" Female Flare x ⅜" Female Flare
	30"	75cm	HD030A700A	HD030A709A	HD030A710A	⅜" Female Flare x ⅜" Female Flare
	36"	90cm	HD3A700A	HD3A709A	HD3A710A	⅜" Female Flare x ⅜" Female Flare
	48"	120cm	HD4A700A	HD4A709A	HD4A710A	⅜" Female Flare x ⅜" Female Flare
	60"	150cm	HD5A700A	HD5A709A	HD5A710A	⅜" Female Flare x ⅜" Female Flare

	Part#	UPC#	Description
Replacement Parts	HFX14-10	47608	Pkg. of [10] Copper Flare Gaskets [¼" Hose]
	HFX38-10	47609	Pkg. of [10] Copper Flare Gaskets [⅜" Hose]

Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Soft Magic® Hoses

Heavy Duty Charging & Vacuum Hoses



Premium, large I.D. hoses for CFC, HCFC and HFC refrigerants. Supplied with large knurled hose nuts and rubber gaskets for easy finger tightening or wrench tight metal to metal seat hex flare nuts and copper gaskets. Choose from ⅜", ½" and ¾" I.D. hoses to suit your requirements. 2-year over-the-counter replacement warranty*.

	Length	Rubber Seat		Metal Seat		
		⅜" Str. x ⅜" Str. Part#	⅜" Str. x ¼" 45° Part#	⅜" F.F x ⅜" F.F Part#	⅜" F.F. x ⅜" F.F. 90° Part#	⅜" F.F. 90° x ⅜" F.F. 90° Part#
⅜" Soft Magic® Heavy Duty Charging and Vacuum Hose Max. Work Press: 600 PSI Burst Press: 3000 PSI	6" 15cm	90524	90527	90530	90533	90536
	12" 30cm	90525	90528	90531	90534	90537
	24" 60cm	90526	90529	90532	90535	90538
	36" 90cm	90500	90206	90214	90222	90230
	48" 120cm	90501	90207	90215	90223	90231
	60" 150cm	90502	90208	90216	90224	90232
	72" 180cm	90503	90209	90217	90225	90233
	96" 240cm	90504	90210	90218	90226	90234
	25′ 750cm	90505	90211	90219	90227	90235
	50′ 1500cm	90506	90212	90220	90228	90236
	100′ 3000cm	90507	90213	90221	90229	90237

	Length	Rubber Seat		Metal Seat		Metal Seat
		½" Str. x ½" Str. Part#	⅝" Str. x ⅝" Str. Part#	½" F.F. x ½" F.F. Part#	⅝" F.F. x ⅝" F.F. Part#	¾" F.F. x ¾" F.F. Part#
½" & ⅜" Soft Magic® Heavy Duty Charging and Vacuum Hose Max. Work Press: 350 PSI Burst Press: 1987 PSI	36" 90cm	90238	90246	90508	90254	H3D3M
	48" 120cm	90239	90247	90509	90255	H3D4M
	60" 150cm	90240	90248	90510	90256	H3D5M
	72" 180cm	90241	90249	90511	90257	H3D6M
	96" 240cm	90242	90250	90512	90258	H3D8M
	25′ 750cm	90243	90251	90513	90259	H3D25M
	50′ 1500cm	90244	90252	90514	90260	H3D50M
	100′ 3000cm	90245	90253	90515	90261	H3D100M

*See HVACR Price List for details.





Part#	Description
HDX14N-10	Pkg. of [10] Rubber Gaskets [⅜" Fittings]
HFX38-10	Pkg. of [10] Copper Flare Gaskets [⅜" Fittings]
HD1X14N-10	Pkg. of [10] Rubber Gaskets [½" & ⅝" Fittings]
HFX12-10	Pkg. of [10] Copper Flare Gaskets [½" Fittings]



HVAC-R Tools

Man, What a Manifold®

R-134a /R-12 Automotive 2 Valve Brass Manifold

HVAC-R Tools
Automotive

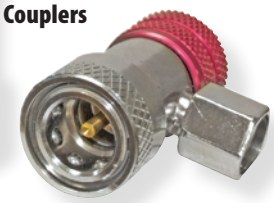


48800



90044
Low Side

Manual Service Couplers



90043
High Side



90045
High Side

Automatic Couplers



90046
Low Side

Uniweld's automotive 2-valve brass manifold has a solid forged brass body with metal hand wheels and a convenient hose holder. The large R-134a/R-12 gauges are protected with color-coded gauge boots. Options include manual or automatic service couplers, Soft Magic® hoses and either 2½" LPF™ or 3⅛" NPF® gauges.

Man, What a Manifold!

	Hose Set Length	Soft Magic® Hoses Manual Couplers	Soft Magic® Hoses Auto Couplers
47827 Manifold 2½" LPF™ Gauges	36" [90cm]	47850	48050
	60" [150cm]	47851	48051
	72" [180cm]	47852	48052
	96" [240cm]	47853	48053

48075 Manifold with [2] 3 ft., [1] 5 ft. Soft Magic® hoses and automatic couplers.

	Hose Set Length	Soft Magic® Hoses Manual Couplers	Soft Magic® Hoses Auto Couplers
48800 Manifold 3⅛" NPF® Gauges	36" [90cm]	48851	48801
	60" [150cm]	48852	48802
	72" [180cm]	48853	48803
	96" [240cm]	48854	48804

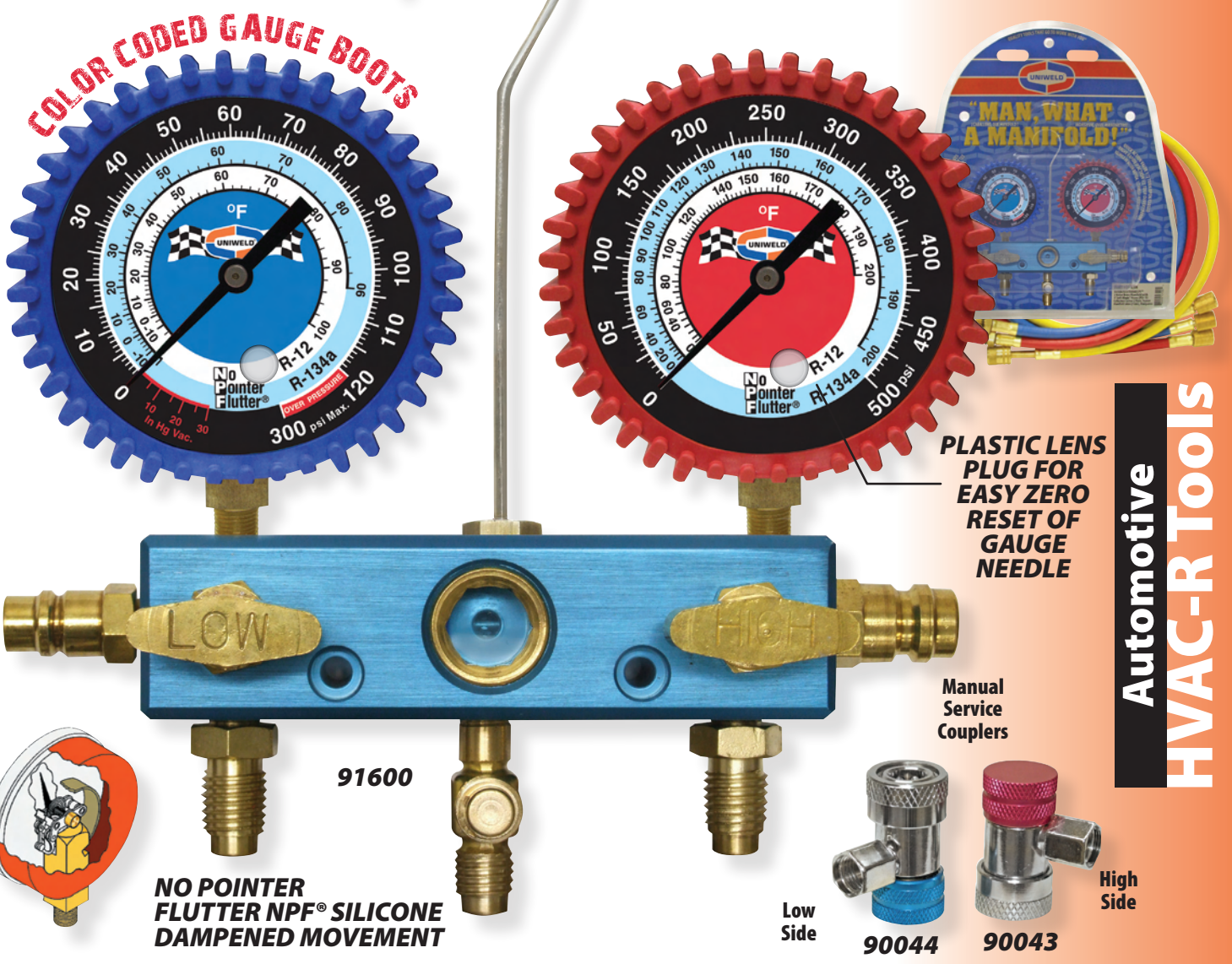
48805 Manifold with [2] 3 ft., [1] 5 ft. Soft Magic® hoses and automatic couplers.

NOTE: R-12 service connections are not included.

Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Man, What a Manifold®

R-134a/R-12 Automotive 2 Valve Aluminum Manifold



PLASTIC LENS PLUG FOR EASY ZERO RESET OF GAUGE NEEDLE

NO POINTER FLUTTER NPF® SILICONE DAMPENED MOVEMENT

Manual Service Couplers

Low Side ***90044*** **High Side** ***90043***

Automotive HVAC-R Tools

The R-134a Automotive anodized aircraft aluminum block manifold features a large optical sight glass for monitoring refrigerant. High and low side brass front valves provide precision control. Optional manual or automatic service couplers available with either 2½" LPF™ or 3⅛" NPF® gauge manifolds. **Man, What a Manifold!**

	Hose Set Length	Soft Magic® Hoses Manual Couplers	Soft Magic® Hoses Auto Couplers
90000 Manifold 2½" LPF™ Gauges	36" [90cm]	90007	90750
	60" [150cm]	90008	90751
	72" [180cm]	90009	90752
	96" [240cm]	90010	90753

	Hose Set Length	Soft Magic® Hoses Manual Couplers	Soft Magic® Hoses Auto Couplers
91600 Manifold 3⅛" NPF® Gauges	36" [90cm]	91651	91601
	60" [150cm]	91652	91602
	72" [180cm]	91653	91603
	96" [240cm]	91654	91604

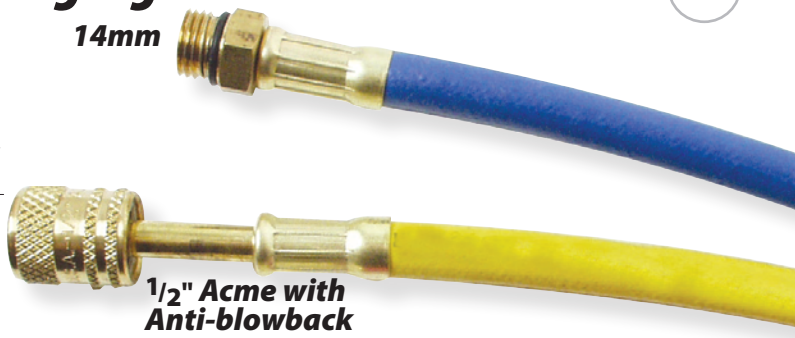
NOTE: R-12 service connections are not included.

Automotive Hoses

Soft Magic® Charging Hoses

Soft Magic® super flexible hose for under the hood and tight work areas. Yellow charging hose includes an anti-blowback fitting. Meets SAE J2196/R-134a specifications.

Maximum Working Pressure: 800 psi
Burst Pressure: 4000 psi





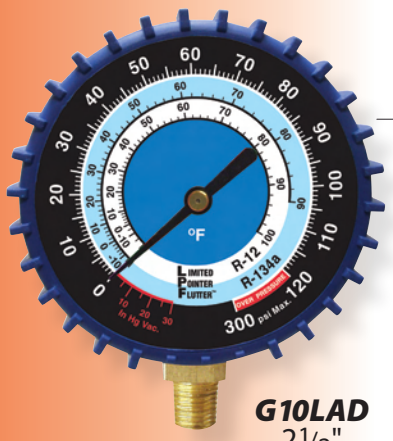
Automotive HVAC-R Tools

	Hose Length	Yellow 1/2" Acme x 1/2" Acme w/Anti-Blowback	Red 14mm x 1/2" Acme	Blue 14mm x 1/2" Acme	Hose Set 1 each R, Y, B
Black Magic®	36"	90027	90031	90035	90039
	60"	90028	90032	90036	90040
	72"	90029	90033	90037	90041
	96"	90030	90034	90038	90042
Soft Magic®	36"	49008	49000	49004	49020
	60"	49009	49001	49005	49021
	72"	49010	49002	49006	49022
	96"	49011	49003	49007	49023

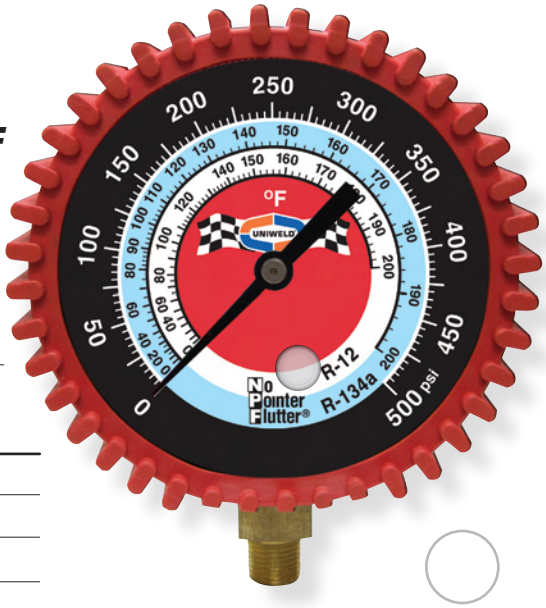
Part#	UPC#	Description
90059	90059	Package of [2] 14mm O-Ring and [4] 1/2" Acme Gaskets
HR134N-10	13414	Package of 10 pieces. 1/2" Acme Gaskets
HR134N-100	13415	Package of 100 pieces. 1/2" Acme Gaskets

Automotive Replacement Gauges LPF™ and NPF® R-134a/R-12 - PSI °F

2 1/2" LPF™ and 3 1/8" NPF® automotive R-134a replacement gauges provide accurate pressure readings on large easy-to-read dials with color coded gauge boots.



G10LAD
2 1/2"



G409NSAD
3 1/8"

Part#	Description
G9LAD	2 1/2" LPF™ 0-500 psi
G10LAD	2 1/2" LPF™ 30"-Hg-120 psi, 300 psi Overpressure
G409NSAD	3 1/8" NPF® 0-500 psi
G410NSAD	3 1/8" NPF® 30"-Hg-120 psi, 300 psi Overpressure



Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

R-134a Service Couplers

The new improved R-134a Manual Service Couplers with 8 balls, accurately centers to the schrader valve. This will prevent damage to the schrader and securely locks the coupler onto the A/C service port.

Manual Service Couplers

Part#	Description
90043	Manual Red-High Side [14mm Female]
90044	Manual Blue-Low Side [14mm Female]
90478	Manual Red-High Side w/92800 [1/4" M.F. Adaptor]
90479	Manual Blue-Low Side w/92800 [1/4" M.F. Adaptor]
90480	Manual Red-High Side w/92801 [3/8" M.F. Adaptor]
90481	Manual Blue-Low Side w/92801 [3/8" M.F. Adaptor]
90482	Service Coupler O-Ring Repair Kit Includes: [1 each] X09R Low side and X11R High side



90043
High Side



90044
Low Side

Automatic Service Couplers

Part#	Description
90045	Automatic Red-High Side [14mm Female]
90046	Automatic Blue-Low Side [14mm Female]
90483	R-134a Automatic Coupler - Red/High w/92800 [1/4" M.F. Adaptor]
90484	R-134a Automatic Coupler - Blue/Low w/92800 [1/4" M.F. Adaptor]
90485	Automatic Service Coupler Kit: Red-High Side [14mm F.] & Blue-Low Side [14mm F.] Couplers
90486	Automatic Service Coupler/Adaptor Kit: Red-High Side [14mm F.] & Blue/Low Side [14mm F.] Couplers with two 92800 1/4" M.F. Adaptors



90045
High Side



90046
Low Side

Automotive HVAC-R Tools

R-134a & R-12 Convesion Kits

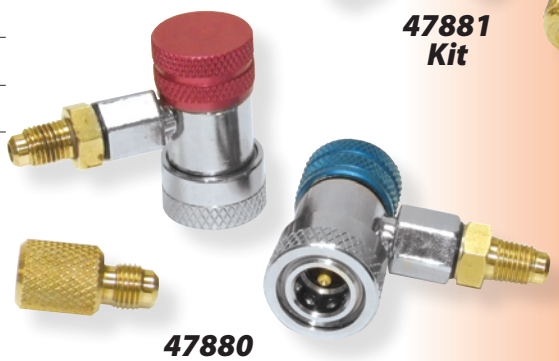
R-134a Automatic Service Couplers are designed for working in tight spaces. Simply push down on the coupler to snap easily onto the A/C service port and automatically open the valve core.

R-134a and R-12 Conversion Kits

Part#	Description
47881	R-134a to R-12 Conversion Kit: [2] ABB1425 & [1] 13401 Adaptor
47880	R-12 to R-134a Conversion Kit: 90478, 90479 Manual Couplers and 92799 Adaptor 1/2" Acme F. X 1/4" M.F.



47881
Kit



47880
Kit

R-134a Auto Accessories

Automotive A/C Flush Kit

The A/C Flush Kit is used to remove contaminates, moisture and acid from the evaporator and condenser. It is designed to work with any A/C flush solvent that can be mixed with pressurized air. Simply add up to 18 oz. of solvent to the reusable canister. With the use of pressurized shop air, reverse flush the evaporator and condenser, removing all the contaminates, moisture and acid during retrofitting or replacement.



94180 Automotive A/C Flush Kit

FEATURES INCLUDE:

- ***Pressure Relief Valve that opens automatically at 180 to 190 psi, protecting the cylinder and equipment from overpressure***
- ***Valve Assembly with a Liquid Dip Tube***
- ***Ball Valve with 1/4 turn open/close***
- ***24" flexible Service Hose***
- ***Blow Gun fitted with Rubber Tip Nozzle***

	Part#	Description
Flush Kit	94180	Auto A/C System Flush Kit

Part#	Description
BG1FA	Blowgun with Auto Rubber Tip Nozzle
H2P100D	24" Service Hose
40049	Auto Rubber Tip Nozzle with 1/8" M.P.T. Fitting

NOTE: Residential & Commercial A/C Flush Kit also available . See page 51

R-134a Can Tap Valve and Auto Recharge Hose

Self-piercing R-134a Can Tap Valve with 1/2" Acme fittings and metal "T" handle valve for easy finger tip control. The R-134a Recharge Hose assembly includes: the Can Tap Valve with hose and low side Service Coupler for quick and easy service of an auto A/C system.





90060



49016

	Part#	Description
Can Tap Valve and Hose	49016	R-134a Auto Recharge Hose w/Can Tap Valve
	90060	R-134a Can Tap Valve with 1/2" Acme Male Fittings

Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

R-134a Auto Accessories

Refillable Oil/Dye Injector



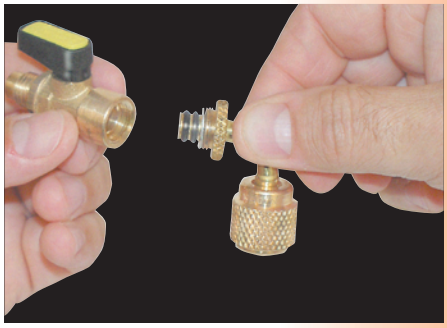


The refillable Oil/Dye Injector has a 2 oz. capacity. The body and end caps are anodized aluminum with O-ring seals. Attach the injector directly to the manifold low side hose connection and add oil/dye to the system. Available with optional 1/2" Acme fittings or 1/4" Flare fittings

Oil Injector	94170	Refillable Oil/Dye Injector with 1/2" Acme fittings
	94175	Refillable Oil/Dye Injector with 1/4" Flare fittings

Universal A/C Adaptor Kit

The kit box holds the most popular adaptors for servicing an A/C system, including a universal ball valve with interchangeable service connectors. Also included are replacement parts for R-12 and R-134a service hoses.



Universal Ball Valve with interchangeable service connectors

	Part#	Description
Parts Included in 92830 Kit	BV501FX	Universal Ball valve with 1/4" M.F.
	92786	1/4" Service connector, straight
	92788	1/4" Service connector, w/90° bend
	92795	3/16" Service connector, straight
	92797	3/16" Service connector, w/90° bend
	HX14N-10	1/4" Hose gasket [10 pcs.]
	H76S-10	1/4" Hose Depressor [10 pc.]
	X09R	R-134a Low side Coupler O-Ring [5 pcs.]
	X11R	R-134a High side Coupler O-Ring [5 pcs.]
	X15R	Hose-O-Ring 14mm male [5 pcs.]
	X40R	Service Connector O-Ring [10 pcs.]
	HR134N-10	1/2" Acme Hose Gasket [10 pcs.]



92830 Universal A/C Adaptor Kit

Adaptors & Accessories

HVAC-R Tools



92863
R410A Mini-Split Adaptor
5/16" [1/2"-20] Female w/ Depressor
x 1/4" Male w/ valve core

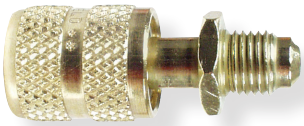
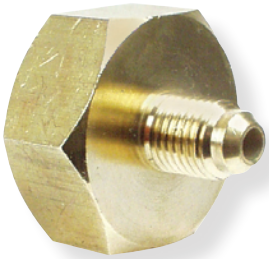


ABB410
R410A Mini-Split
Anti-Blowback Adaptor
5/16" [1/2"-20] Female x 1/4" M.F.

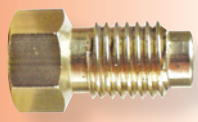


92836
Refrigerant Drum Adaptor
3/4" NPS Cylinder x 1/4" M.F.



92816
R-134a and R-12
Vacuum Pump Adaptor
1/4" F.F. x 1/2" Acme M. x 1/4" M.F.

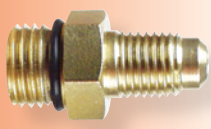
Replacement Caps
92817 - 1/4" Plastic Cap [Pkg.10]
92818 - 1/2" Acme Plastic Cap [Pkg. 10]



13401
1/4" F.F. x 1/2" Acme M.



92820
Valve Core Tool
Double ended for removing
and installing both standard
and large bore valve cores



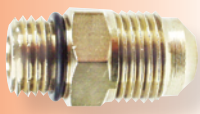
92800
14mm M. x 1/4" M.F.



92799
1/2" Acme F. x 1/4" M.F.



10005
Hose Fitting
1/4" M.F. x 1/8" M.P.T.



92801
14mm M. x 3/8" M.F.



ABB1425
R-134a to R-12
Anti-Blowback
Adaptor
14mm F. x 1/4" F.F.

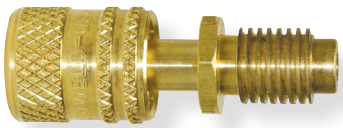


ABB134
Straight Anti-Blowback Adaptor
1/2" Acme F. x 1/2" Acme M.



ABBRK
Anti-Blowback O-Ring
Repair Kit [Pkg. of 4]
For ABB125, ABB190
ABB1425 & ABB410



ABB190 90°
Anti-Blowback Adaptor
1/4" M.F. x 1/4" F.F.

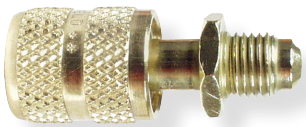


ABB125
Straight Anti-Blowback Adaptor
1/4" F.F. x 1/4" M.F.



Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

ChargeTron®

Electronic Refrigerant Scale

Now you can accurately weigh and transfer refrigerant to and from the A/C system. You will be working with a compact, battery powered portable [7.2 lbs.] workstation that has the cast aluminum scale built right into its high impact plastic carrying case. The optional charging module plugs into the scale to automatically transfer a preset amount of refrigerant.

OPTIONAL CHARGING MODULE



PART# 53651 HAS ADDITIONAL 120V AG POWER OUTLET

LCD DISPLAYS POUNDS/OUNCES OR KILOGRAMS/GRAMS



BUILT-IN LEVELING EYE

53650

HVAC-R Tools

Tare Weight:	Zeros out scale at any time.
Power:	9 Volt Alkaline Battery. Auto power off: after 15 minutes of operation without any change in weight, scale turns off.
	Approximately 48 hours battery life. Optional A/C Power Adaptor.
Two Weight Capacities:	110 lbs. [50 Kg] or 176 lbs. [80 Kg]
Accuracy:	At 110 lbs./50 Kg Capacity: ±.2 oz./10g • At 176 lbs./80 Kg Capacity: ±.5 oz./20g
Weight:	7.2 lbs. [3.26 Kg]
Dimensions:	15" X 13" X $3\frac{3}{8}$" [38cm x 28cm x 8.5cm]
Operating Temperature:	32 °F to 120 °F [0 °C to 50 °C]
Case:	Rugged Plastic Carrying Case with a built-in handle.
Platform Size:	9" X 9" [23cm x 23cm] Ribbed Rubber Mat.

Optional Accessories:	Part# 53651 Automatic Charging Module. Compatible with all refrigerants including R-410A. Maximum working pressure: 300 psi.
	Part# 53654 Automatic Charging Module. 220V model [no additional power outlet] Compatible with all refrigerants, including R-410A. Maximum working pressure 300 psi
	Part# 53652 120V AC Power Adapter connects to ChargeTron® Refrigerant Scale.

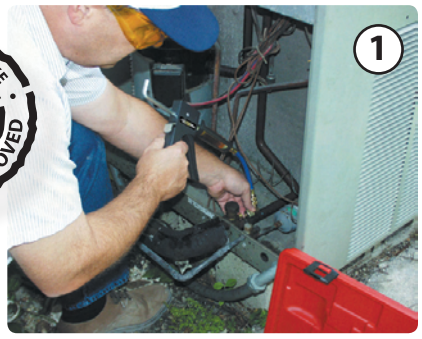
UV Light Leak Detector

FIND LEAKS FAST! A small amount of fluorescent universal dye is added to the A/C&R system. The universal dye is compatible with all refrigerants and oils used in an A/C&R system.

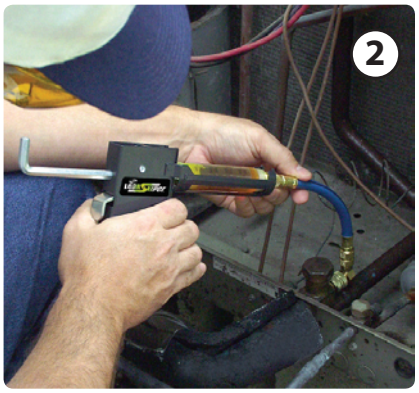
LeakSniper®

UNIVERSAL AC&R DYE • OEM APPROVED





Connect Anti-Blowback Hose Fitting to the Low Side or High Side Service Valve of the A/C&R System.



The LeakSniper® Injection Gun will inject the UV Dye into the A/C&R System while under pressure. The dye circulates with the refrigerant's oil and escapes from the system at all leak points.



Searching for leaks is easy and simple with our 100 Watt Swivl Light and Portable, Rechargeable Lightweight Battery Pack.

Part#	Description
94100	HVAC/R UV Leak Detector Kit
94104	Automotive UV Leak Detector Kit
94090	HVAC/R Leak Detector Kit w/18 L.E.D. Light
94091	UV Leak Detector Automotive Kit w/18 L.E.D. Light
94144	UV 18 L.E.D. Test Light w/Safety Glasses

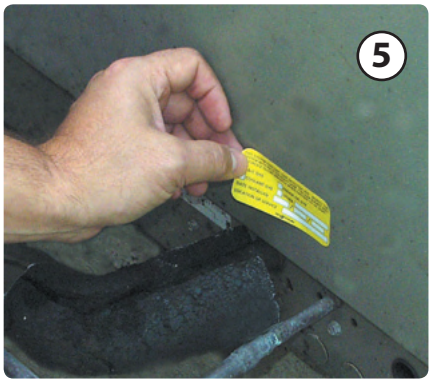
Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

UV Light Leak Detector

LeakSwiper®



When Fluorescent Dye is exposed to the Ultraviolet Light, the leak source will glow a bright yellow/green.



Repair System and install Dye Sticker in a visible location on the unit.



94144
UV 18 L.E.D. Light
w/Safety Glasses



94090
HVAC/R UV
Leak Detector Kit
w/L.E.D. Light



94091
Automotive UV
Leak Detector Kit
w/L.E.D. Light

HVAC-R Tools

LeakSniper® UV Light Leak Detector



HVAC-R Tools

94100	94104	94090	94091	Ref.	Part#	Description
	●		●	1	90479	R-134a Low Side Coupler with ¼" Male Fitting
●	●	●	●	2	94105	Injection Gun
●	●			3	94106	Blow Molded Carrying Case for 94100 and 94104
		●	●	3A	94137	Blow Molded Case for 94090 and 94091
●	●	●	●	4	94107	6" Hose with Check Valve
●		●		5	ABB190	¼" Female Anti-Blowback Adaptor with ¼" Male Fitting
●	●	●	●	6	94109	Drip Cap for ABB190 & 94110
	●			7	94110	¼" Female Anti-Blowback Adaptor with Quick Connect Fitting
●				8	94111	100W Swivel Lamp with 5ft. [1.5 m.] Cord & Male Cigarette Receptacle
	●			8A	94112	100W Fixed Lamp with 16 ft. [5m] Cord and Battery Clips
				8B	94113	Rubber Ring for Lamp Filter
				8C	94114	Filter for Lamp
				8D	94115	Replacement Bulb 100W
				9	94116	Battery Adaptor with Female Cigarette Receptacle & A Terminals
●				10	94117	4 ft. [1.25m] Cigarette Lighter Battery Charger with Male x Male Receptacle
●				11	94118	12V Replacement Battery
●				11A	94119	Battery Bag with Shoulder Strap
●				12	94120	120V-60Hz Battery Charger [U.S.]
●	●	●	●	13	94124	Safety Glasses
				14	94125	Dye Cleaner 32 oz. [960ml]
	6			15	94126	Dye Cartridge ¼ oz. [7.5ml], Systems up to 2.9 LBS. Refrigerant
3		4		15A	94127	Dye Cartridge ¼* oz. [7.5ml], Systems 3 to 5.9 LBS. Refrigerant [* Stronger Concentrate]
3				16	94128	Dye Cartridge ½ oz. [15ml], Systems 6 to 11.9 LBS. Refrigerant
				16A	94129	Dye Cartridge ¾ oz. [22.5ml], Systems 12 to 25 LBS. Refrigerant
			2	16B	94094	Dye Cartridge 1 oz. [5 Auto Applications]
				17	94144	18 L.E.D. Test Light with Safety Glasses and Batteries
		●	●	17A	94138	18 L.E.D. Test Light

NOTE: ALL KITS INCLUDE 4 OZ. BOTTLE OF DYE CLEANER. FOR REORDER, USE PART #94125. KITS 94090 AND 94091 INCLUDE (4) "AA" SIZE BATTERIES

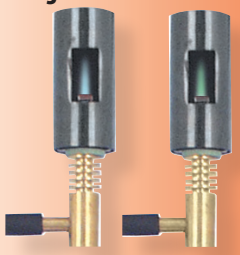
Uniweld Products, Inc.
Fort Lauderdale, FL 33312 U.S.A.
800/323-2111 www.uniweld.com

Halide Leak Detector

Propane Halide Leak Detector

Uniweld's Propane Halide Leak Detector instantly locates non-combustible halide [CFC & HCFC] refrigerant gas leaks. Leaks are located when the chlorine based refrigerant gases are drawn in through the probe hose and exposed to a heated copper reactor plate, changing the blue flame to green. This detector is very sensitive and can be used to locate leaks as small as 20 ppm of CFC and HCFC refrigerants.

When chlorine based refrigerant gases are detected...



blue flame changes to green.

LD7-1A

PLD33



LDPLC

PCV

PLD33V



PCLD33T

Part#	Description
PCLD33T	Propane Halide Leak Detector w/ Tool Box includes: PLD33V leak detector w/probe hose, FL34 Flint Lighter, PDC Propane Cylinder & Plastic Tool Box. [9 per case]
PCLD33	Propane Halide Leak Detector includes: PLD33V leak detector w/probe hose & PDC Propane cylinder. [6 per case]
PLD33	Propane Halide Leak Detector with probe hose, for air/fuel torch handle
PLD33V	Propane Halide Leak Detector with probe hose valve assembly
LD32	Halide Leak Detector for air/acetylene use
CC61	Plastic Tool Box 12.5" L x 7" W x 5" H
H02-3	3ft. Probe Hose
PCV	Valve Assembly Only
LDPLC	Copper Reactor Plate
LD7-1A	Injector for LD-16 assembly



H02-3



HVAC-R Tools