

Air Conditioning Service Tools & Equipment

R-410A Service Manifold & Gauges (BlackMax™)



- Exclusive TripleSeal™ valve system
 - Valve stems retract fully for maximum flow
 - Back seating o-ring seals valve nut when fully open
 - Aluminum block
 - Additional Schrader® valve "T" port
 - Large easy to grip knobs
 - 45° Fittings for easy hose storage
 - No flutter gauges with rugged metal housings, front calibration access port, psi & °F scales, 2.5" diameter.
- Black & Chrome Series comes with gauge protectors.

Description	Fittings on Manifold	Refrigerant Scales	Brand	Part Number
2 Valve				
Manifold & Gauges Only	1/4" SAE	R410A, R22, R404A	CPS	MBH
Manifold & Gauges With 5' Premium Ball Valve Hoses	1/4" SAE	R410A, R22, R404A	CPS	MBHP5E
Black & Chrome Series Manifold & Gauges With 5' Premium Ball Valve Hoses	1/4" SAE	R410A, R22, R404A, R134a	CPS	MBH5P5EZ
4 Valve				
Manifold with 5' premium ball valve hoses	1/4" SAE	R134a, R22, R404A, R410A	CPS	MV4H4P5EZ
Replacement Gauges				
Replacement High Gauge with 1/8" NPT Brass Connection		R410A, R22, R404A	CPS	RGHH
Replacement Low Gauge with 1/8" NPT Brass Connection		R410A, R22, R404A	CPS	RGHL
Replacement High Gauge with 1/8" NPT Chromed Connection & Gauge Protector		R410A, R22, R404A, R134a	CPS	RGH5H
Replacement Low Gauge with 1/8" NPT Chromed Connection & Gauge Protector		R410A, R22, R404A, R134a	CPS	RGH5L

Digital Refrigerant System Analyzer - 4 Valve Digital Manifold Kit AK940



- | | |
|---|--|
| <p>Functions</p> <ul style="list-style-type: none"> • Low and High Side Pressure • Vapor and Liquid Saturation • Low and High Side Temperatures • Superheat • Subcool • Pressure Differential • Temperature Differential • Test Duration | <p>Features:</p> <ul style="list-style-type: none"> • 12 parameter backlit display • Min/Max • Reads in PSI, kPa, Bar, Mpa, InHg • Bargraph (relative) • Zero to recalibrate • 64 refrigerant options • Selectable °F or °C • Over molded grip • Thermistor temperature ports • 1-Year limited warranty |
|---|--|

Sensing Accuracy	Maximum Pressures	Temperature Sensor Range	Temperature Accuracy	Operating Temperature Range	Storage Temperature Range	Brand	Part Number
0.6% FS ± 1 least significant digit	Low Side: 600 Psi High Side: 600 Psi	-40° to 250°F (-40 to 125°C)	± 0.9°F (± 0.5 °C); between 32° to 158°F (0° to 70°C)	-4° to 122°F (-20° to 50°C)	-4° to 122°F (-20° to 50°C)	UEI	AK940

Kit Includes:

- 60" 3-layer hoses; 1/4" (1 blue, 1 yellow, 1 red)
- Temperature Clamps (2)
- 60" vacuum hose 3/8" (1)
- R410a Adapters (2)
- Carrying Case
- Manual
- 9V Battery (1)

64 Refrigerants included in this analyzer							
R11	R12	R13	R14	R21	R22	R23	R32
R41	R114	R115	R123	R124	R134A	R143A	R176
R218	R236EA	R236FA	R245CA	R290	R401A	R401b	R401C
R402A	R402b	R403A	R403b	R404A	R406A	R407A	R407b
R407C	R408A	R409A	R410A	R410b	R411b	R412A	R413A
R414A	R416A	R417A	R420A	R421A	R422A	R422b	R422d
R423A	R424A	R427A	R434A	R437A	R438A	R501	R502
R503	R504	R507	R600A	R601	R601A	R718	R1234yF

Air Conditioning Service Tools & Equipment

Premium Refrigerant Charging Hoses & Hose Set (PRO-SET®)



HP5RL



HP5BA



HP5A



HP5E

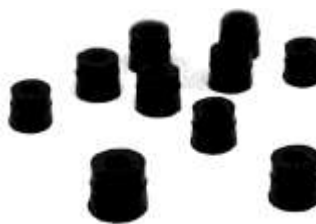
- R-410A compatible
- All weather flexibility and strength
- Compatible with CFC, HCFC and HFC refrigerants and blends
- Blow-off grooves channel refrigerant to prevent spray back
- 1/4" SAE fittings with 45° bend on one end
- Leak proof eight sided crimp
- Extra deep knurling on nuts for easy grip
- Adjustable valve core depressor opens all troublesome out of tolerance Schraeder® valves
- Environmentally friendly nylon permeation barrier meets SAE J2196

Length	Hose Color	Working Pressure	Burst Pressure	Brand	Part Number
1/4" Premium Charging Hoses with Inline Ball Valve					
5'	Yellow	800psi	4000psi	CPS	HP5YL
5'	Blue	800psi	4000psi	CPS	HP5BL
5'	Red	800psi	4000psi	CPS	HP5RL
1/4" Premium Charging Hoses with MICROSEAL™ Anti-Blowback Valve					
5'	Yellow	800psi	4000psi	CPS	HP5YA
5'	Blue	800psi	4000psi	CPS	HP5BA
5'	Red	800psi	4000psi	CPS	HP5RA
5'	Yellow, Blue & Red	800psi	4000psi	CPS	HP5A
1/4" Premium Charging Hose Set with 45° Ball Valve On One End					
5'	Yellow, Blue & Red	800psi	4000psi	CPS	HP5E

Replacement Hose Core Depressors & Hose Gaskets



HXD



HXG

Description	Fits	Brand	Part Number
Hose Core Depressors (10) 1/4" SAE	Standard Hoses Premium Hoses with Inline Ball Valve Premium Hoses with 45° Ball Valve	CPS	HXD
Hose Gaskets (10) 1/4" SAE, 1/2" ACME, 1/2 20 UNF	Standard Hoses Premium Hoses with Inline Ball Valve Premium Hoses with 45° Ball Valve	CPS	HXG
Microseal™ Anti-Blowback Gaskets (10)	Premium Hoses with Anti-Blowback Valve	CPS	HXGA



Air Conditioning Service Tools & Equipment

MICROSEAL™ Anti-Blowback Valves



- For R-410A applications
- Advanced automated sealing valve eliminates refrigerant loss and blowback
- New micro valve technology enables use on system with limited access to service ports
- Add to existing hose to eliminate refrigerant loss and comply with EPA regulations
- Deep easy grip knurling and non-restrictive porting for maximum refrigerant flow
- Up to 25% smaller OD than similar competitive models

Size	Brand	Part Number
1/4" SAE Female, 1/4" SAE Male, 90°	CPS	AB90
1/4" SAE Female, 1/4" SAE Male	CPS	AB

Refrigerant Leak Detector - Electronic (Leak-Seeker® II)



- Fully automatic electronic refrigerant leak detector for all HFC, HCFC, CFC, SF6 gasses and blends
- Exclusive POWERSHIFT software automatically monitors, controls and adjusts all critical instrument settings to ensure maximum leak search results
- Bar Graph LED display shows the relative leak size in each of 7 possible ranges starting with highest sensitivity
- Highly resistant to background contaminants including heavy condensation, oils, leak solutions, brake fluid, radiator coolants, washer fluids, etc.
- High output alarm speaker (high and low intensity)
- State of the art E_MOS™ sensor technology
- Easy one button operation
- Low battery indicator
- 2 year warranty (excluding sensor and battery)

Sensitivity	Power Supply	Battery Life	Probe	Operating Temp.	Brand	Part Number
0.1oz/yr (3g/yr) leak rate of HFC	3 size "C" alkaline batteries	50 hours	15" long	-18 to 60C (0 to 140F)	CPS	LS2



Air Conditioning Service Tools & Equipment

UV Refrigerant Leak Detection Kit (UVPRO®)



- Applications Include: A/C & Refrigeration or Automotive Systems
- Complete professional grade kit
- Powerful true UVLED lamp technology
- Squeeze Gun™ injection system is quick, easy & clean
- Uses mess free Moonshine™ dye cartridge

Kit Includes	Brand	Part Number
UVPRO LED Flashlight, squeeze gun injector with hose, (1) UV dye cartridge, R-134a 90° low coupler, enhancing safety glasses, UVS2 dye cartridge and carrying case	CPS	UV55

Prefilled / Disposable Refrigerant Dye Cartridges - Universal (MOONSHINE™)



- Applications Include: A/C & Refrigeration Systems
- Universal OEM approved dye formula
- Cleanest, easiest & fastest method of injection
- Eliminates air entering system
- No refrigerant required necessary to inject dye
- Eliminates over injection of dye
- **MOONSHINE™ A/C & R Universal Squeeze Dye Cartridges Compatible With: Mineral, Ester & Alkyl Benzene Lubricants (Tecumseh Approved)**

System Type	Refrigerant Charge	Refrigerant Oil	Brand	Part Number
Medium Residential Systems	3 to 4.9 lbs 1.4 to 2.2 kg	16 fl oz to 1.6 qt .45 to 1.8 litres	CPS	UVS1
Medium-Large Light Commercial & Large Residential Systems	5 to 9.9 lbs 2.3 to 4.5 kg	1.7 qt. to 3.2 qt 1.9 to 3.7 litres	CPS	UVS2
Large Commercial & Large Industrial, Including Split Systems	10 to 25 lbs 4.6 to 11.4 kg	3.3 qt to 2 gal 3.8 to 9.1 litres	CPS	UVS3

Pro-Flush™ HVAC & Refrigeration Systems Flush



- Quick and easy method for flushing line sets and other system components
- Formulated for R-410A retrofits, refrigerant conversion and compressor burn-outs
- Compatible with CFC and HFC refrigerants and compressor oils
- Low toxicity and residue free
- Solvents are non-VOC and conform to EPA SNAP standards

Description	Brand	Part Number
Pro-Flush™ Kit Includes: Refillable tank with pressure relief valve, 16 oz can of Pro-Flush™ solvent, injection tool and charging hose	Diversitech	PF-KIT
Pro-Flush™ Solvent 16 oz Can	Diversitech	PF-16

Air Conditioning Service Tools & Equipment

Refrigerant Recovery Machine - Oil Less (BLACK MAX[®])



- R-410A ready with 550 psi high pressure shut off switch
- Fastest overall ARI certified recovery rates in it's class
- Powerful 2 cylinder, 2/3 HP oil-less reciprocating compressor
- Automatic low pressure shut off feature turns unit off when recovery is completed
- Rugged high density double walled plastic housing with easy view top mounted controls
- Ergonomic well balanced design with shoulder strap
- Built in removable/replaceable suction filter located under suction port
- Externally serviceable valves and gauges



Evaluated for performance in accordance with Sec. 608 of the Clean Air Act (Pub. 29, 1986) using AHRI-740-60 test methods.



Voltage	Gauges	Weight	Brand	Part Number
115	psi / kgcm ²	32 lbs.	CPS	TR700C
Replacement Suction Filters				
6 Suction Filters for CR700C Recovery Machine			CPS	CRXF3

Heater Blanket



- Charge faster in cold weather

Voltage	Watts	Temp.	Brand	Part Number
115	340	150F	CPS	CCXHB

Refrigerant Charging / Recovery Scale - High Capacity (Compute-A-Charge[®])



- Applications Include: Charging, Recovery & Automotive
- High Capacity (220lb / 100kg) refrigerant charging / recovery scale
- Calibrated to strict NIST standards
- Fully enclosed and removable metal scale platform
- Large, high visibility (1 1/2" x 2"), high resolution LCD readout
- Hand held remote has a 6' coil cord, a hanging hook and is backed by a magnet for attaching to metal surfaces
- Full mechanical and visual overload protection
- Operates 60 continuous hours on two 9V alkaline batteries
- Non-programmable
- Operating Temperature: -10 to 50C (-4 to 156F)

Capacity	Accuracy	Resolution	Platform Size	Weight	Power	Readout	Brand	Part Number
220lb / 100Kg	.015% of reading	±1/4oz / ±10g	8 3/4" x 8 3/4"	5.6lb / 2.55Kg	(2) 9V Batteries included	Imperial or Metric (.25oz / 10g increments)	CPS	CC220



Air Conditioning Service Tools & Equipment

Vacuum Pump - Two Stage - 6.25 CFM (PRO-SET®)



- Advanced two-stage design pulls deep vacuum fast to 15 microns
- Dimensions: 13.7" x 5.6" x 10.4"

Free Air Displacement	Motor (115VAC / 60Hz)	Ultimate Vacuum	Intake Ports (male flare)	Oil Capacity	Brand	Part Number
6.25 CFM @ 60Hz	1/2HP, 3440 RPM, 500W	15 Microns	1/4", 3/8" SAE Male & 1/2" ACME Male	15 oz. / 450ml	CPS	VP6D

Digital Vacuum Gauge (VACROMETER®)



- Advanced evacuation measurement instrument provides a continual digital readout of evacuation process on a large 5 digit LCD screen
- Use to monitor the evacuation process and check the performance of your pump
- Measurement units are user selectable to read in Microns, in/hg or mBar at the touch of a key
- Surface mount technology automatically compensates for ambient changes in the environment ensuring accuracy and consistency in performance
- Field cleanable sensor is able to withstand 400psi of positive pressure
- Low battery indicator and auto off feature
- Includes carrying case, hanging hook, adapter fitting and 9V battery

Power Supply	Battery Life	Brand	Part Number
9V Alkaline Battery	30 Hours	CPS	VG200

Anti-Siphon Valve Kits



- For R-410A applications
- The Anti-siphon valve is an essential accessory to any vacuum pump application
- Prevents cross contamination of vacuum pump oil and the compressor oil in the A/C or refrigeration system being serviced

Size	Brand	Part Number
1/4" SAE	CPS	VPAS4
3/8" SAE	CPS	VPAS8

