

# CPS<sup>®</sup>

Advanced Tools  
Smart Solutions

Automotive  
PRODUCT CATALOG




**MOTORVAC**

**CPS**

**VIEW**

**VACUTECH**

**ARE YOU READY?**  

**AIR CONDITIONING SYSTEMS  
ARE SWITCHING TO A NEW REFRIGERANT**

 **R-1234YF**

 **488046YF**

**The Next Generation is Here** **cps**<sup>®</sup>

**CPS is your  
ready source of  
R-1234YF Tools,  
Equipment and  
Chemicals!**



CPS draws on its long history of design and manufacture of leading tools and instruments for the HVAC/R market to provide automotive service facilities and technicians battle-tested A/C service technology.

From CPS' Revolutionary FX Series A/C Equipment and electronic leak detection to the UView line of clean, injectable A/C oils, dyes and sealants, rely on CPS to help your business achieve A/C service excellence now and in the future.



## CPS<sup>®</sup> Automotive

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# Reasons customers chose to INVEST IN AN FX UNIT



**FX134A** For R134A vehicles

**Main reasons customers purchased the FX134A:**

- Setup and training included
- Hybrid ready
- 1-2-5 warranty
- Fully automatic

Customers that purchased the FX134a also purchased:

**FX3030X1** Filter maintenance kit

**FXXC** Machine cover

**AC Database SD Card**

Updates the Vehicle A/C data to the last full production year



**FX1234** For R1234YF vehicles

**Main reasons customers purchased the FX1234:**

- Setup and training included
- Contains refrigerant ID
- Hybrid ready
- 1-2-5 warranty
- Fully automatic

**FX1234V**

FX1234 with no printer, heat blanket, tank cover or oil injection kit

Customers that purchased the FX1234 also purchased:

**FXP1** FX1234 Accessory pack (see page 6 for contents)

**FXXC** Machine cover

**AC Database SD Card**

Updates the Vehicle A/C data to the last full production year



**FX3030** For R134A/R1234YF vehicles

**Main reasons customers purchased the FX3030:**

- Setup and training included
- Dual refrigerant convertible
- Converts in ten minutes
- Contains refrigerant ID
- Hybrid ready
- 1-2-5 warranty

Customers that purchased the FX3030 also purchased:

**FXP2** FX3030 Accessory pack (see page 6 for contents)

**FXXC** Machine cover

**AC Database SD Card**

Updates the Vehicle A/C data to the last full production year



# 1 Year Parts and Labor 2 Years Parts Only 5 Years Compressor



## FX SERIES REFRIGERANT MANAGEMENT CENTER

CPS Automotive presents the latest in ease and endurance with its FX Series Refrigerant Management Centers that quickly and efficiently recover, recycle, and recharge automotive A/C systems.

### FEATURES

- 7" Color touch screen control panel
- 1-2-5 Warranty
- Foam-filled wheels
- Refrigerant Management System monitors filter life and refrigerant usage
- Hybrid compatible
- Guided and quick (10 minutes) refrigerant change process (FX3030 only)
- Supports multiple languages/UOM
- Quickly access all functions from the main screen
- 'Car Health' Mode monitors system pressure and vent temperature
- Dual handle bars/hose drapes
- Vehicle database included

### MOTOR-CONTROLLED BALL VALVES

- Opens wider for greater flow
- Resistant to clogging of debris or sealants

### CONVERTIBLE

The FX134a unit can be converted to FX3030 by purchasing and installing either FXCONV1 (External Ref. ID sold separately), or FXCONV2 which includes internal Ref. ID.

### SPECIFICATIONS

- Thermal Printer (Optional on FX1234V)
- Vehicle database (included). Refrigerant and oil charging data
- Recovery Tank (two with FX3030)
- Recovery rate = Up to 1 lb/min
- 6 CFM vacuum pump/ 10 micron rated
- 3.5" gauges
- 10' power cord
- 115v, 850 W
- Heater Band (Options on FX1234V)

### 12.67cc OILLESS COMPRESSOR

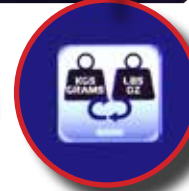
- Oil Injection Kit standard with FX134a and FX1234
- 30% larger displacement and more throughput than the competition
- Designed and built by CPS for high capacity commercial applications
- Eliminates failure caused by too little or too much oil, the most common failure mode for "oiled" compressors



Fully interactive touch-pad



Access database



Quickly change unit of measurement



# FX1234 and FX3030 units include refrigerant identifier



**ACDB20**

**AC DATABASE SD CARD**

Latest A/C Capacity Database for FX Equipment

Part No.	Certification	Refrigerant	Dimensions (inches)				UPC	HTC
			H (in)	W (in)	D (in)	Weight (lb)		
<b>FX134A</b>	SAE J2788H	R-134a	47.5	27.5	25	208	750377134012	8415.83.90
<b>FX1234</b>	SAE J2843	R-1234YF	47.5	27.5	25	208	750377123405	8415.83.90
<b>FX1234V</b>	SAE J2843	R-1234YF	47.5	27.5	25	208	750377119990	8415.83.90
<b>FX3030</b>	SAE J3030	R-134a & R-1234YF	60	27.5	25	240	750377303012	8415.83.90

**REPLACEMENT ITEMS**

<b>FX3030X1</b>	FX Series Maintenance Kit - Includes Filter, Vacuum Pump Oil and Coupler O-Rings
<b>FX3030X2</b>	FX Series Oil Drain Bottle Assembly
<b>FX3030X18</b>	FX Series 10' Low Side Service Hose - FX1234/FX3030
<b>FX3030X19</b>	FX Series 10' High Side Service Hose - FX1234/FX3030
<b>FX3030X52</b>	FX Series 10' Low Side Service Hose - FX134A/FX3030
<b>FX3030X53</b>	FX Series 10' High Side Service Hose - FX134A/FX3030
<b>AR2788X14A</b>	FX Series Tank refill hose - FX134A
<b>FA1234X36</b>	FX Series Tank refill hose - FX1234
<b>RIXF</b>	Ref. ID Filter
<b>RIXOS</b>	Ref. ID Oxygen Sensor
<b>RIXFR</b>	Ref. ID pre-filter with tube
<b>QCL134</b>	CPLR R134A LO 14mm PREM
<b>QCH134</b>	CPLR R134A HI 14mm PREM
<b>ARXF5</b>	Replacement Filter



**FX SERIES KITS**

Everything you need to be SAE compliant! Includes oil injection kit, electronic leak detector, filter maintenance kit and digital thermometer.

**FXP1** with HFO oil injection kit for FX1234

**FXP2** with dual oil injection kit for FX3030



**FILTER MAINTENANCE KIT**

Includes filter, vacuum pump oil and coupler o-rings.

**FX3030X1** Filter Maintenance Kit

**ARXF5** Filter only



**FXXC**

**FX SERIES DUST COVER**

Durable, water-repellent, fitted nylon cover with Velcro slit for easy removal.



**CPS® RECOVER, RECYCLE, RECHARGE SYSTEM**

Unit is only for sale outside US for dual refrigerant use.

- Fully automatic operation of recovery, recycle, evacuate, air purge and recharge
- Patented flow control
- 2/3 HP oilless compressor
- All steel construction offers superior mobility with heavy duty casters
- Charges high and low side (or both)
- Flow control technology enables faster and more accurate recovery, recycling and recharging
- Includes 8' hoses and 50 lb storage tank

- Easy to program with simple command-based LCD display supports five languages (English, French, Spanish, German & Chinese).

**FA1000** R-134a

**FA1234** R-134a & R-1234yf (Not available in U.S.)

*Replacement Parts and Accessories on pages 18-19*



**CPS® RECOVER, RECYCLE, RECHARGE SYSTEM**

The AR2700 Series of semi-automatic RRR machines incorporate ball valves instead of solenoids and check valves in the recovery and evacuation flow path. Both of these components are susceptible to in-field failure when exposed to foreign contaminants such as aftermarket A/C sealants, loose desiccant, and other particles that cause them to leak or seal closed. The AR2700 can be run with a selectable valve for low, high or both in recovery, recycling and recharge mode and comes with a 50 lb tank, or purchase a 90 lb tank separately.

- Semi-automatic
- AR2700M supports multiple refrigerants
- Includes 'pump-down' feature (clears the machine when changing to another refrigerant to avoid cross contamination)
- All metal cabinet construction
- Built-in tool drawer

- Selectable operating language
- 8' hoses with manual couplers (Optional longer hoses for large trucks, container etc.), 50 lb storage tank

**AR2700M** Multiple Refrigerants. Comes with Condenser and 7CFM JB Vacuum Pump, tank heater blanket and ARX134T 50# Tank with purge port

**AR2700TA** Large Capacity Applications

**AR2700TA10** Comes with 10CFM JB Vacuum Pump, VG200 Vacuum Gauge and Switch for Heater Blanket and includes 90# tank

*Replacement Parts and Accessories on pages 18-19*





**TRSA30  
PORTABLE REFRIGERANT RECOVERY  
(SCAVENGER) UNIT**

- For use with R134A and R1234YF
- Meets SAE J2810 and J2851
- Spark-proof
- Low side recovery hose
- Couplers
- 115V 50/60Hz, 850W

Included:

- 30 lb. tank CRX430TS (Pictured below)

Refrigerant Recovery (Scavenger) Unit



**TRSA21  
PORTABLE RECOVERY EQUIPMENT**

- Two cylinder oilless reciprocating compressor
- Includes oil separator and moisture filter
- 115 V 50/60 Hz, 850 W
- Cleanable 100 mesh screen filter
- Meets SAE J2810 and J2851
- 30 lb. recovery tank (CRX430TS)
- MAID8QDL Dual-gas Manifold Set



**CRX430TS  
REFRIGERANT RECOVERY TANK W/FLOAT**

- Recover, reclaim, transport, recycle, and use for storage
- All cylinders meet DOT specifications DOT04BA-400 and DOT04BW-400
- Working pressures of 260-400 Psi
- Powder coated for maximum rust protection
- UL listed valves
- Tank full sensor included





**CS12DMV4TP6Q  
PORTABLE CHARGING STATION**

Everything you need to perform full system evacuation and charging in one compact, mobile unit.

- 4-Valve manifold R-134a
- Large 2.5" (68mm) gauges
- 6' Premium Hoses
- Couplers
- 220 lb scale
- 2 CFM, single stage, dual voltage vacuum pump

R-134a, R22, R404A



**A/C FLUSH GUN W/REGULATOR AND UNIVERSAL COUPLER AND BLOW GUN**

Used for flushing components on or off the car.

- Simple to use with shop air. Just fill the cylinder with flush solution
- Works well on all condensers and evaporators
- Comes complete with cylinder, hose and flush gun

**TLFGRA** Regulator, universal coupler, cylinder, hose and flush gun

**TLFG** Cylinder, hose and flush gun



**AFMSF  
CPS® SUPREME FLUSH**

Specially formulated with a proprietary chemistry to remove common system contaminants

**AFM100  
CPS® A/C FLUSHING MACHINE**

Simple 2-step operation with a single connection

- Powered by shop air
- Air purge
- Forward or reverse flush without changing hoses
- Easy to connect quick couplers fit evaporators, condensers and hose connections
- 8' clear braided hoses



**MTHF0134  
PRO-SET® R-134A, R-1234YF**

- **Body Type:** 2-Valve anodized aluminum block body
- **Valve Type:** Triple Seal™ piston valves
- **Fittings:** ¼" SAE
- **Gauges:** 3 1/8" silicone dampened; 1.0 accuracy
- **Hoses:** (3) 6'
- **Includes:** Two sets of couplers

Replacement Parts and Accessories on pages 18-19



**MA1234  
PRO-SET® R-12, R-134A**

- **Body Type:** 2-Valve anodized aluminum block body
- **Valve Type:** Vortech® Deep Vacuum Valves
- **Fittings:** ¼" SAE
- **Gauges:** 2½" silicone dampened; 1.6 accuracy
- **Hoses:** (3) 6' with 45° ball valves on end
- **Includes:** R-134a couplers

Replacement Parts and Accessories on pages 18-19



**MT717A6Q  
PRO-SET® R-134A**

- **Body Type:** 2-Valve anodized aluminum block body
- **Valve Type:** Triple Seal™ piston valves
- **Fittings:** ½" ACME
- **Gauges:** 3 1/8" silicone dampened; 1.0 accuracy
- **Hoses:** (3) 6'
- **Includes:** Manual R-134a couplers

Replacement Parts and Accessories on pages 18-19



**MAID8QZ  
BLACKMAX® R-134A**

- **Body Type:** 2-Valve black anodized aluminum block body
- **Valve Type:** Triple Seal™ piston valves
- **Fittings:** ¼" SAE 45°
- **Gauges:** 2½" silicone dampened; 1.6 accuracy
- **Hoses:** (3) 8'
- **Includes:** Manual couplers, protective gauge boots, hanging hook and tin carrying case

Replacement Parts and Accessories on pages 18-19



**MAID8QDL  
BLACKMAX® R-134A,  
R-1234YF**

- **Body Type:** Black & Chrome Edition 2-Valve anodized aluminum block body
- **Fittings:** ½" ACME for both refrigerants
- **Gauges:** 2½" silicone dampened
- **Hoses:** (3) 8'
- **Includes:** Manual couplers, protective gauge boots, hanging hook and tin carrying case

Replacement Parts and Accessories on pages 18-19



**MAID8QYF  
BLACKMAX® HFO (R-1234YF)**

- **Body Type:** 2-Valve anodized aluminum block body
- **Gauges:** 2½" silicone dampened
- **Hoses:** (3) 8'
- **Includes:** Manual couplers, protective gauge boots, hanging hook and tin carrying case

Replacement Parts and Accessories on pages 18-19

### PRO-SET® VACUUM PUMPS

Pro-Set® vacuum pumps are your premium solution for obtaining the deepest ultimate vacuum and provide the greatest range of horsepower and free air displacement.

- Air cooled, thermally protected motors encased in a durable aluminum housing
- Large oil-fill port with proprietary, mist-free exhaust cap
- Easily accessible oil drain port
- Large oil sight glass
- Multiple SAE and ACME intake fittings with check valve
- On/Off power switch
- Rubber lined handle, skid resistant rubber feet



### PREMIUM VACUUM PUMPS

- Includes gas ballast valve which speeds attainment of deep vacuum
- Two year warranty
- SAE 1/4", 3/8", 1/2" intake fittings
- For use with Class A1 (non-toxic, non-flammable) and A2 (non-toxic, flammable) refrigerants

### COMPACT VACUUM PUMPS

- Features some of the smallest, lightest and most compact aluminum housings in the industry
- SAE: 1/4", ACME: 1/2" intake fittings
- One year warranty



### PRO-SET® PREMIUM VACUUM PUMP OIL

Extremely high quality, severely hydro-treated vacuum pump oil compatible for use in pumps made by most manufacturers. It is strongly recommended that the vacuum pump oil be changed after each use to improve service and the life of the pump.

**VPOG6** 1 Gallon Bottles

**VPOQ12** 1 Quart Bottles

**VPOP12** 1 Pint Bottles

Model	Dual Stage			Single Stage	
	 <b>VP6D</b>	<b>VP10D</b>	<b>VP12D</b>	 <b>VP6S</b>	<b>VPC4SU (Compact)</b>
Stage	2	2	2	1	1
Ultimate Vacuum	10 Microns	25 Microns	25 Microns	50 Microns	100 Microns
Dimensions (Inches)	12.2" x 5" x 9.6"	14.9" x 5.7" x 10.6"	14.9" x 5.7" x 10.6"	13.1" x 5.5" x 10"	11.3" x 4.5" x 8.0"
Weight	22.5 lb (10.2 kg)	30.3 lb (13.7 kg)	30.9 lb (14.0 kg)	18.3 lb (8.3 kg)	11.0 lb (5 kg)
Free Air Displacement	6 CFM @ 60 Hz (144 l/m @ 50 Hz)	10 CFM @ 60Hz (240 l/m @ 50Hz)	12 CFM @ 60Hz (288 l/m @ 50Hz)	6 CFM @ 60 Hz (144 l/m @ 50 Hz)	4 CFM @ 60 Hz (96 l/m @ 50 Hz)
Motor Size (HP), RPM @ 50/60Hz	1/2 HP (2880, 3440 RPM)	3/4 HP (2880, 3440 RPM)	1 HP (2880, 3440 RPM)	1/2 HP (2880, 3440 RPM)	1/4 HP (2880, 3440 RPM)
Voltage	110-120V Or 220-240V @ 50/60Hz	110-120V Or 220-240V @ 50/60Hz	110-120V Or 220-240V @ 50/60Hz	110-120V Or 220-240V @ 50/60Hz	115V @ 60 Hz
Power Cord Connection to Pump	Universal IEC Socket & Voltage Selector Switch	Universal IEC Socket & Voltage Selector Switch	Universal IEC Socket & Voltage Selector Switch	Universal IEC Socket, Voltage Selector Switch, Nema 15 Plug	Hardwired, Nema 115V Plug
Oil Capacity	16 oz (470 ml)	28 oz (830 ml)	27 oz (800 ml)	19 oz (540 ml)	10 oz (300 ml)
Gas Ballast Valve	Yes	Yes	Yes	No	No



**CCD110**  
**REFRIGERANT CHARGING SCALE**

- 110 lb (50 kg) capacity
- 0.20 oz (5 g) display resolution
- Accurate to 0.015% of reading (or +/- 0.2 oz/5g) whichever is greater
- 3 button corded control with large, high contrast, wide angle, display
- Cast aluminum platform and base
- 3 point non-rocking foot pattern for best stability
- Heavy duty rubber platform mat
- Owner's manual
- Padded storage case with shoulder strap
- Unique patent pending "delta" shaped design



**CC220**  
**REFRIGERANT CHARGING SCALE**

The original. Time tested. An industry standard!

- 220 lb (100 kg) capacity
- Accurate to 0.015% of Reading [or ± 0.25 oz (10 g) whichever is greater
- 0.25 oz (10 g) resolution
- 8.75" (22.3 CM) square aluminum platform
- Three button corded control with large LCD display
- Hard storage case



**CC800A**  
**PROGRAMMABLE REFRIGERANT CHARGING SCALE**

- 220 lb (100 kg) capacity
- Accurate to 0.015% of Reading [or ± 0.25 oz (10 g) whichever is greater
- 0.25 oz (10 g) resolution
- 8.75" (22.3 CM) square aluminum platform.
- Programmable for automatic charging or recovery via built-in solenoid valves
- 7 button corded control
- Hard storage case

## TWICE THE SENSOR AND BATTERY LIFE OF THE LEADING COMPETITOR

### LDA1000H PRO-SET® REFRIGERANT LEAK DETECTOR FOR R1234YF, R134A AND HYDROGEN

- Software managed sensor rejuvenation mode initiated at start up ensures the highest level of sensitivity with every use, for up to 500 hours of detecting leaks of less than .1 oz per year
- Microprocessor controlled sensor electronics utilizing a multi channel signal detection method improves sensitivity while reducing false alarms
- Certified to meet SAE J2791 for R-134a, meets US and International standards for automotive use for SAE J2913 for HFO-1234yf, and Euro Standard EN 14624
- 50 hour battery life (3 “C” batteries) Auto Off after 10 minutes
- 2 year warranty excluding batteries and sensor
- Both visual and audible leak indicators
- Patent Pending

**LDA1000UV** with Mini Clip-On UV Light

*Replacement Parts and Accessories on pages 18-19*



### UVMINI CLIP-ON UV LIGHT

Proprietary “Clip-On” chassis for attachment to electronic leak detectors, video borescopes and extension type devices that measure 1/4” to 3/8” in diameter.

*Replacement Parts and Accessories on pages 18-19*



### LS790B LEAK-SEEKER® REFRIGERANT LEAK DETECTOR

Combines the most advanced electronic circuitry with Ion-pump® sensor technology creating a highly sensitive, accurate electronic refrigerant leak detector. Over 100 computer generated tones and a high intensity bar graph display quickly alerts the user to varying halogen concentrations. Patented, automatic calibration design eliminates the need for manual balance or tick rate adjustments.

*Replacement Parts and Accessories on pages 18-19*

### LEAK DETECTION POCKET MIRRORS

Spot those hard-to-find leaks and traces of refrigerant dye and oil in difficult areas by supplementing your detection with a telescoping mirror.

#### TLMIR1

- Circular Telescoping Mirror
- 1-1/4” diameter



#### TLMIR2

- Circular Telescoping Mirror
- 2-1/4” diameter



#### TLMIR3

- Rectangular Telescoping Mirror
- 3-1/2” x 2”



**NITROKIT  
NITROGEN PRESSURE LEAK TEST KIT**

Easily pre-check systems for leaks due to loose mechanical connections, hose leaks, evaporators and condensers without using refrigerant and venting into the atmosphere.

NITROKIT includes: a high quality 1-valve manifold with a 0-200 PSIG 3-1/8" gauge, 6' (180cm) premium red 1/4" service hose, 15' yellow hose assembly with 1/4" MPT x 1/4" coupler and high side R-134a and R-1234YF couplers.

**NITROKITG** Includes nitrogen regulator



**BRN1  
NITROGEN  
REGULATOR**

- Enables pressure control of nitrogen tank for A/C pressure testing and transducer calibration



Built in LED Light



K-Type Input



**TMINI12  
NON-CONTACT THERMOMETER**

The TMINI12 infrared thermometer provides easy, instant temperature measurement over a wide range of applications. TMINI12 offers convenient one-hand operation, 8 point laser sighting, a backlit LCD display, °F/°C selection, automatic power off feature, built-in LED light, K-Type input for use with optional accessory temperature probes.

- Measure coolant temperature
- Measure belt and pulley temperature
- Test your HVAC system by measuring temperatures of inlets, outlets, and supply lines, output vents and condenser
- Detect excessive heat in brake components

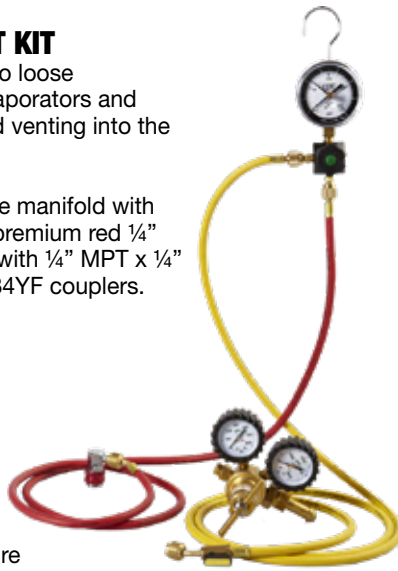
**SPECIFICATIONS**

Temperature Range	-76°F to 932°F (-60°C to 500°C)
D:S (Distance to Spot Size)	12:1
Emissivity	Pre-set at 0.95 - adjustable
Accuracy	±2°C (±4°F) or ±2% of reading
Display	Digital Backlit LCD
Resolution	1°C/°F
Batteries	2 AAA
Warranty	1 year

**NITROHPRO  
NITROGEN PRESSURE  
LEAK TEST KIT**



Save money finding leaks in R-1234YF systems by testing with 95% Nitrogen and 5% Hydrogen (Gas not included). This kit comes with a CGA350 Regulator, hoses and pressure gauge and coupling to fill and pressure test. The kit also includes the LDA1000 Leak Detector. In addition to R134a and R-1234YF, it also detects Hydrogen.



**TMDP  
DIGITAL POCKET THERMOMETER**

Digital pocket thermometer with stainless steel probe and pocket clip. Range: -58° to 302°F / -50° to 150°C



**ANALOG POCKET THERMOMETER**

5" (127 mm) analog pocket thermometer with 1" dial and stainless steel probe and pocket clip

**TMAP** Fahrenheit scale 0 - 220°F

**TMAPC** Celsius scale -10 to 100°C





**VG200W  
WIRELESS VACUUM GAUGE**

The VG200W is a precision digital vacuum gauge for obtaining accurate pressure measurements during evacuations of HVAC and refrigeration systems. It is also ideal for obtaining vacuum data while conducting time, target, dynamic and static vacuum tests. The VG200W may be used as a standalone gauge, or it may be paired with a mobile device (using the free CPS Link app) for greatly enhanced jobsite capabilities.

**FEATURES:**

- Large, five digit LCD display with low battery indicator
- Easy two button control (On/Off and Units)
- Select from four different vacuum units (at any time).
- Atmospheric to 0 micron pressure range
- Auto-Off after 10 minutes of no use
- Operates up to 20 continuous hours on one 9V alkaline battery (included)
- Compatible with all refrigerant gases (including ammonia)
- Field cleanable sensor
- Includes stainless steel T connector, hanger hook, vinyl storage case, and Quick Start Guide - all packed in a clear clamshell
- Designed and manufactured in the USA with US and foreign components

Optional

**AVT45SS** Stainless Steel Adapter

**VGXH** Swivel Hanging Hook

**VGXC** Padded Vinyl Storage Case

**WHEN USED WITH CPS LINK™ APP**

- Choose from eight different languages to work in
- Log vacuum test data (viewable in real time graphs)
- Client Lists- Enter and retain client information
- Job Checklist- Create and retain job reminders
- Job Tracker- Create and retain record of services performed
- Geolocation- Record where (global coordinates) and when (time stamp) jobs performed
- Set low and high alarms
- Cloud backup of data



**VG200  
VACROMETER™ DIGITAL VACUUM GAUGE**

- Advanced sensor design with self-heated thermistor bridge and automatic temperature compensation
- Field cleanable sensor designed to withstand 400 Psi of positive pressure
- Brass T adapter (AVT45), hanging hook (VGXH) and carrying case (VGXC) included with VG200
- Calibrated to strict NIST standards for best-in-class accuracy and reliability
- Designed and manufactured in the USA with U.S. and globally sourced components

Includes

**AVT45** Brass Adapter

**VGXH** Swivel Hanging Hook

**VGXC** Padded Vinyl Storage Case

Optional

**AVT45SS** Stainless Steel Adapter



**TLBAG1  
SQUARE TOOL ORGANIZER**



**TLBAG2  
16\"/>**



**BLACKMAX® PREMIUM HOSES**

- Nylon permeation barrier (Meets SAE J2196)
- Leak-proof 8-sided crimp
- 800 Psi working pressure/ 4000 Psi burst pressure
- All-weather flexibility and strength
- Extra deep knurling on nuts for easy grip
- Adjustable valve core depressor
- Blow off grooves prevent spray back

**HA8BKAZ** 8' w/chrome fittings 1/2" x 1/2"

**HA8BKZ** 8' 14mm x 1/2"

Replacement Parts and Accessories on pages 18-19



**1/4" SAE CHARGING HOSES**

Size	Features	3Pack	Blue	Red	Yellow
3ft		HS3	HS3B	HS3R	HS3Y
	(ABB)	HS3A	HS3BA	HS3RA	HS3YA
	(BV)	HS3E	HS3BE	HS3RE	HS3YE
5ft		HS5	HS5B	HS5R	HS5Y
	(ABB)	HS5A	HS5BA	HS5RA	HS5YA
	(BV)	HS5E	HS5BE	HS5RE	HS5YE
6ft		HS6	HS6B	HS6R	HS6Y
	(BV)	HS6E	HS6BE	HS6RE	HS6YE
	(IBV)	HS6L	HS6BL	HS6RL	HS6YL
8ft		HS8	HS8B	HS8R	HS8Y
	(BV)	HS8E		HS8RE	HS8YE
	(IBV)	HS8L	HS8BL	HS8RL	HS8YL



**1/2" R-134A CHARGING HOSES**

Size	Features	3Pack	Blue	Red	Yellow
3ft		HA3	HA3B	HA3R	HA3Y
	(ABB)	HA3A	HA3BA	HA3RA	HA3YA
5ft		HA5			HA5Y
	(ABB)	*call			HA5YA
6ft		HA6	HA6B	HA6R	HA6Y
	(ABB)	HA6A			HA6YA
8ft		HA8	HA8B	HA8R	HA8Y

(ABB) = Anti-Blowback

(BV) = Ball Valve

(IBV) = Inline Ball Valve

**R-134A**



- R-134a premium manual coupler set
- 14mm fittings
- Six latching balls provide superior alignment
- 14mm female thread

**QC134SET** Both

**QCL134** Low Side

**QCH134** High Side

**R-134A**



- R-134a snap coupler set
- 14mm fittings

**QC13490SET** Both

**QCL13490** Low Side

**QCH13490** High Side

**R-134A**



- Manual coupler set with AD84L adapter fitting used to convert R-12 to HFO1234YF
- 1/4"SAE male
- Six latching balls provide superior alignment

**QCL14** Low Side

**QCH14** High Side

**R-1234YF**



- HFO1234YF manual coupler set
- 12mm female
- Six latching balls provide superior alignment

**QC1234SET** Both

**QCL1234** Low Side

**QCH1234** High Side

**CONVERTS R-12 TO R-1234YF**



- Manual coupler set with AD84L adapter fitting used to convert R-12 to HFO1234YF
- 1/4"SAE male
- Six latching balls provide superior alignment

**QC123414SET** Both

**QCL123414** Low Side

**QCH123414** High Side

**CONVERTS R-134A TO R-1234YF**



- Manual coupler set with AD88L adapter fitting used to convert R-134a to HFO1234YF
- 14mm female
- Six latching balls provide superior alignment

**QC1214SET** Both

**QCL1214MM** Low Side

**QCH1214MM** High Side





### SPRINGLOCK TOOL KIT

**TL7238** (Includes all four)

**TL7240** 1/2" Fitting Springlock Tool (Blue)

**TL7241** 5/8" Fitting Springlock Tool (Black)

**TL7242** 3/4" Fitting Springlock Tool (Beige)



### TLCT1234

#### 3-IN-1 SIDE CAN TAP VALVE

Can be used with both R-12, R-134a, and oil cans

- Has both 1/4" and 1/2" ACME tee fittings
- Permanently attached swiveling inserts
- Quick change between can sizes



### TLREF

#### REFRACTOMETER

Antifreeze / Battery / Cleaning Fluids Tester

This instrument is designed for testing the concentration of battery fluids, antifreeze liquids and cleaning fluids. The percentage indicator indicates the point of freezing for both propylene glycol and ethylene glycol. It can also be used for checking the strength of electrolyte solution in batteries.



AB

AB12

### HOSE FITTING

#### ANTI-BLOWBACK AB

1/4" SAE male x 1/4" SAE female

**AB12** 1/2" Male x 1/2" female  
ABB hose end fitting



### 125 LB TANK FITTINGS

**AD41** 3/4"-14 x 1/4" SAE male

**AD81** 3/4" x 1/2" ACME male



AD84L

AD88L

### HFO TANK ADAPTERS

**AD84L** 1/4" SAE male x 1/2" ACME Left hand female

**AD88L** 1/2" ACME male x 1/2" ACME Left hand female



AD48

AD48L

### ADAPTER FITTING

**AD48** (3 pack) 1/4" SAE female x 1/2" ACME male adapter

**AD48L** (3 pack) 1/4" SAE female x 1/2" ACME left hand male



### AD14

#### ADAPTER FITTING

14mm male x 1/4" SAE male



### AD12

#### ADAPTER FITTING LOW SIDE R-134A

1/2" ACME F x Low-Side R-134a



### AD84

#### ADAPTER FITTING

1/4" SAE male x 1/2" ACME F adapter



AVC134H

AVC134L

### R-134A SERVICE PORT CAPS

**AVC134H** High Side (10 pack)

**AVC134L** Low Side (10 pack)



### AVS1

#### VALVE CORES

(10 pack)



### TLXVC

#### 4-WAY SAE VALVE CORE THREAD CHASER

1/4" and 3/16" (Rebuild kit for TLVC4)



### TLVC1

#### POCKET VALVE CORE TOOL

Comes with four spare cores



### TLVC2

#### DUAL VALVE CORE REMOVER AND INSTALLER

(1/4" SAE Valves and Auto R-134a Valves)



### TLVC810

#### VALVE CORE REMOVER AND INSTALLER

R-134a 8/10mm









## R/R/R MACHINES

<b>FX3030X1</b>	FX Series Maintenance Kit - Includes Filter, Vacuum Pump Oil and Coupler O-Rings	
<b>ARXF5</b>	AR2788 / AR2788S filter for FA and FX series	
<b>ARXF2</b>	AR500/2700/2700M replacement filter	
<b>ARXF</b>	AR212TR/300/400 replacement filter core	
<b>AR27XHB115</b>	115V Heater blanket	
<b>AR27XHB230</b>	220V Heater blanket	
<b>ARX134T</b>	R-134a 1/2" ACME 50 lb recovery tank	
<b>ARX134TS</b>	R-134a 1/2" ACME 50 lb recovery tank w/float switch	
<b>FA1234X1</b>	50 lb tank kit for additional refrigerants	
<b>AFMXC</b>	3/8" SAE fitting w/2-step rubber cone	
<b>AFMXCS</b>	Flush universal clamp rubber seal 2-step (pack of 2)	
<b>AFMXCSET</b>	Flush universal clamp set 3/8" fitting (pack of 2)	
<b>AFMXC4</b>	Flush universal clamp 1/4" SAE fitting w/rubber cone	
<b>AFMXCS2</b>	Flush universal clamp small cone rubber seal (pack of 2)	
<b>AR27XCK</b>	AR2788 condenser accessory kit	
<b>AR27XVGK</b>	Vacuum gauge mounting kit for use w/VG100 or VG200	
<b>CRX400T</b>	50 lb tank fits FA and FX series equipment	
<b>CRXTOS3</b>	CR overfill sensor cord kit 230V (all models)	

## MANIFOLD AND GAUGES

<b>MVXKC</b>	BLACKMAX Series manifolds with Vortech valves Replacement valve handle (chrome/metal)	
<b>MXPKC</b>	BLACKMAX Replacement Valve Handle (Chrome)	
<b>M2XHA</b>	Pro-Set/ Vortech valve manifold bodies 2-way hose anchor bracket for	
<b>M2XRK</b>	Diaphragm valve repair kit: services two valves	
<b>M4XRK</b>	Diaphragm valve repair kit: services four valves	
<b>M4XHA</b>	4-Way hose anchor bracket for Vortech valve manifolds	
<b>MV2XRK</b>	Vortech valve repair kit: services two valves	
<b>MVXK</b>	Plastic replacement valve handle with color inserts for Vortech valves	
<b>MXPK</b>	Plastic Replacement Valve Handle for Triple Seal Valves	
<b>MXPV</b>	Triple Seal Complete Piston Valve Assembly	
<b>MXPVO</b>	Triple Seal piston valve seals only repair kit: services two valves	
<b>RGX68BB</b>	2.5" / 68mm Blue Protective Rubber Gauge Boot	
<b>RGX80BB</b>	3 1/8" / 80mm Blue Protective Rubber Gauge Boot	
<b>RGX68RB</b>	2.5" / 68mm Red Protective Rubber Gauge Boot	
<b>RGX80RB</b>	3 1/8" / 80mm Red Protective Rubber Gauge Boot	
<b>RGX68L</b>	2.5" / 68mm Gauge Lens	
<b>RGX80L</b>	3 1/8" / 80mm Gauge Lens	
<b>QCXO</b>	High and low side O-Rings for Premium Couplers QCH90/QCL90	
<b>QCXR34</b>	High and low side O-Rings for Premium Couplers QCH14/QCL14	



## CHARGING HOSES

<b>HX38G</b>	3/8" SAE Hose Gaskets, Pack of 10	
<b>HXG</b>	1/4" SAE Replacement Hose Gaskets B426, Pack of 10	
<b>HXD</b>	1/4" SAE Hose Core Depressor, Pack of 10	
<b>HXGA</b>	Replacement Gaskets for 1/4" SAE ABB Fittings, Pack of 6	
<b>HXTG</b>	1/4" SAE Teflon Replacement Hose Gaskets, Pack of 10	
<b>HXGD</b>	1/4" SAE Hose Gaskets & Core Depressors, Pack of 6 ea.	
<b>HXGD2</b>	1/2" ACME, 5/16" (1/2"-20 UNF) Gaskets & Core Depressors, Pack of 6 ea.	
<b>HXKIT</b>	Charging Hose Maintenance Kit	

## ELECTRONIC LEAK DETECTION

<b>LS2XF</b>	Replacement sensor filters for the LDA1000 (pack of 10)	
<b>LS2XVF</b>	Replacement vapor filter sensing tip for LDA1000H	
<b>EMOS2</b>	Replacement sensor for the LDA1000H	
<b>LSXBMK</b>	Maintenance kit for LS780B, LS790B; Includes: (2) LSXS & (1) LSXSF	
<b>LSXMK</b>	Maintenance kit for LS780A, LS790A; Includes: (2) LSXS & (1) LSXVF	
<b>LSXS</b>	Ion-pump sensor for LS780A, LS780B, LS790A & LS790B	
<b>LSXS3</b>	Replacement CCD sensor for the LS3000 & LS3000B	
<b>LSXSF</b>	Selective filter housing for LS780B & LS790B	

## WORKLIGHTS

<b>TLXWL132CH12</b>	12V battery charger for TLWL132R	
<b>TLXWL132CLIP</b>	Light holding clips for TLWL132R	

# VIEW



# BUILT BY TECHNICIANS- FOR TECHNICIANS.

- ✓ *Industry-leading Solutions*
- ✓ *UV Leak Detection*
- ✓ *Cabin-air quality*
- ✓ *A/C Oils and Sealants*
- ✓ *Cooling System Refilling and Testing*



**SMALL ADDITIVE PACKAGE.**

# BIG DIFFERENCE. SAME DOSE.

**DO MORE WITH  
YOUR DYE**

**CERTIFIED TO SAE  
STANDARDS**

**1234YF  
COMPATIBLE  
& HYBRID**



Check out our video  
to learn more here!

## DETECT • ENHANCE • EXTEND

Super-concentrated UV dye	Friction modifier	Anti-wear additive	Antioxidant
<p>Detects leaks quickly, saving time and money. A/C ExtenDye is proven to fluoresce brighter than the competition. And there's no need to use more. Use the same quantity of A/C ExtenDye per application as our Universal A/C dye.</p>	<p>Increases lubricity (less friction) of the compressor oil, improving efficiency (friction coefficient) by over 50% and improving fuel economy.</p>	<p>Creates a film that prevents contact between metal parts; reducing friction and heat, thereby extending component life. Effectively quiets noisy compressors.</p>	<p>Stops the oxidation process, reduces acidity and prolongs oil life.</p>
<p><b>Fluorescence</b> A/C ExtenDye fluoresces brighter than the competition</p>	<p><b>Friction Coefficient</b></p>	<p><b>Wear Resistance</b> (Falex Test)</p>	<p>When combined, we refer to this exciting new additive package as QuietCool™ Technology.</p>

# LEAK DETECTION DYES

## A/C EXTENDYE™ CERTIFIED TO SAE STANDARDS for 1234YF Systems & 134A



**499108A**  
**A/C EXTENDYE™ CARTRIDGE**  
Works exclusively with the  
Spotgun™ injection system  
8 oz Cartridge



**A/C EXTENDYE™ CARTRIDGE**  
Works with the Spotgun Jr.™ and  
Eco-Twist injection system  
**399020A** 1 oz Cartridge  
**399020AEU** 1 oz Winged Cartridge  
**399006A** 0.25 oz Cartridge  
**399006AEU** 0.25 oz Winged Cartridge



**A/C EXTENDYE™ BOTTLE**  
**B499024A** 1 oz Bottle  
**B499012A** 0.25 oz Bottle



**499008A**  
**A/C EXTENDYE™ BOTTLE**  
Exclusive new bottle design  
with accurate dosing  
chamber  
8 oz Bottle



### CPS® VIVID UNIVERSAL A/C DYE

Provides excellent fluorescence and exceptional value!

- Highly fluorescent formula
- Co-solvent free chemistry
- Certified to meet SAE J2297 for use in R-134a and R-1234yf systems
- Compatible with hybrid vehicles

**UVIVD8** 8.45 oz Bottle  
**477108** 8 oz Cartridge



### MULTI-PURPOSE DYE

- Pinpoint leaks in engine oil, transmission, hydraulic, power steering, gasoline, and diesel fuel systems
- Services eight vehicles

**483208** 8 oz Bottle  
**B483206** (6) 1 oz Bottle



### RADIATOR COOLANT DYE

- For use with regular (green) coolant
- Pinpoint leaks in cooling systems, including radiator, hoses, fittings, water pumps and head gaskets

**483908** 8 oz Bottle  
**B483906** (6) 1 oz Bottle

See more dyes on following page

# LEAK DETECTION DYES

## NOT ALL DYES ARE CREATED EQUAL...

All UView dyes are super concentrated and safe for A/C systems. All UView air conditioning dyes meet SAE J2297 Standard for R-134a PAG systems and the new R-1234yf systems with PAG oil and are Hybrid safe.

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>A/C ExtenDye®</b>													
499008A	A/C ExtenDye Bottle	8 oz	6	628604004486	3.75	1.75	6.00	0.62	16286044990106	10.50	4.20	6.50	4.03
B499024A	A/C ExtenDye Bottle	1 oz	6	628604005162	1.25	1.25	3.00	0.15	16286044990243	4.50	1.75	1.75	0.45
B499012A	A/C ExtenDye Bottle	0.25 oz	12	628604005148	1.00	1.00	1.75	0.10	16286044990120	4.50	2.75	3.00	0.12
499108A	A/C ExtenDye Cartridge	8 oz	6	628604004424	2.00	2.00	9.75	0.75	16286044991103	6.00	4.25	10.00	4.65
399020A	A/C ExtenDye Cartridges	4 x 1 oz	1	628604004448	4.75	1.75	4.75	0.45	NA				
399006A	A/C ExtenDye Cartridge	0.25 oz	6	628604005100	1.00	1.00	2.00	0.10	16286043990077	6.50	2.20	1.20	0.25
399020AEU	A/C ExtenDye Cartridges Winged	4 x 1 oz	1	628604004462	4.75	1.75	4.75	0.45	NA				
399006AEU	A/C ExtenDye Cartridge Winged	0.25 oz	6	628614005124	1.00	1.75	2.00	0.10	16286043990084	65.00	2.20	2.20	0.25
<b>Universal A/C Dye</b>													
UVIVD8	CPS Vivid A/C Dye	8.45 oz	6	628604006121	3.75	1.75	6.00	0.60	16286044990113	10.50	4.20	6.50	4.10
477108	CPS Vivid A/C Dye cartridge	8 oz	6	628604009085	2.00	2.00	9.75	0.75	16286044771088	6.00	4.25	10.00	4.65
499387	R-134a A/C Dye Capsules	6 x 0.06 oz	1	628604001829	4.75	3.25	1.75	0.30	N/A				
499005	Universal A/C Dye Cartridge	4 oz	6	628604001492	2.00	2.00	9.50	0.50	16286044990052	6.00	4.25	10.00	3.50
<b>Multi-Purpose Dye</b>													
B483206	Multi-Purpose Dye Bottles	6x1 oz	1	628604001638	4.50	2.75	3.00	0.60	N/A				
483208	Multi-Purpose Dye Bottle	8 oz	1	628604000488	3.50	1.75	6.00	0.55	16286044832086	10.50	4.20	6.50	4.10
483210	Multi-Purpose Dye for industrial use	1 gal	1	628604003106	5.50	5.50	12.00	7.30	N/A				
<b>Coolant Dye</b>													
B483906	Radiator Coolant Dye Bottles	6x1 oz	6	628604001621	4.50	2.75	3.00	0.70	N/A				
483908	Radiator Coolant Dye Bottle	8 oz	1	628604000518	3.50	1.75	6.00	0.55	16286044839085	10.50	4.20	6.50	4.10



# LEAK DETECTION KITS

## 1 YOUR CHOICE OF INJECTION SYSTEM.

- The original Spotgun™ is versatile and economical
- The Spotgun Jr. is perfect for controlling inventory through the use of single application cartridges

## 2 YOUR CHOICE OF CHEMISTRY DEPENDING ON YOUR NEEDS.

- A/C ExtenDye™ is formulated with super concentrated UV Dye, plus friction modifiers, anti wear additives and antioxidants
- Also available with Universal A/C Dye

## 3 YOUR CHOICE OF UV DETECTION LIGHT.

- Not all UV lights are created equal!
- 12V Mega-Lite™ and Micro-Lite™ provide strong, reliable power any time
  - UV Phazer™ BLACK™ offers extreme performance and outstanding versatility
  - LED-Lite™ offers an economical UV light



### LEAK DETECTION KITS

Everything you need to find leaks—fast!

- All kits come with the industry's toughest and most durable UV enhancing glasses
- Storage case
- R-12 and R-134a adapters

Replacement Parts and Accessories on pages 38-39

Part No.	Injection System	Application	UV Light	Qty/Size	UPC	Unit (inches & lbs)			
						Length	Width	Height	Weight
414500A	Spotgun	A/C ExtenDye	Micro-Lite	8 oz / 240 mL	628604004585	17.00	13	5	6.55
414565A			UV Phazer BLACK (Rechargeable)	8 oz / 240 mL	628604004608	17.00	13	5	6.10
332005A	Spotgun Jr.	A/C ExtenDye	UV Phazer Black (AAA Battery)	4 x 1 oz / 30mL	628604004561	14.00	11	4	3.6
332010A			LED Lite	1 oz / 30mL	628604005247	14.00	11	4	3.6
332220A			UV Phazer Black (AAA Battery)	2 x 1 oz / 30mL	628604005261	14.00	11	4	3.6

# Leak+Guard™

- SAFELY AND PERMANENTLY SEALS LEAKS
- CONTAINS SUPERIOR A/C DYE
- THE FIRST SEALANT CERTIFIED TO MEET SAE J2670
- COMPATIBLE WITH R-134A AND R-1234YF SYSTEMS

**YOUR  
BEST  
LINE OF  
DEFENSE**

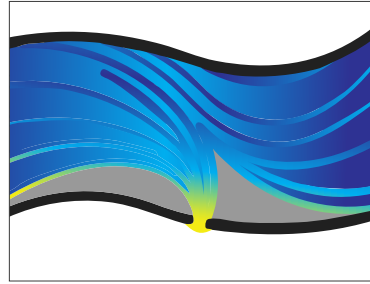


# A/C SEALANT

## THE SEALANT THAT WORKS EXCLUSIVELY WITH THE BEST INJECTION METHOD—THE SPOTGUN!

### LEAKGUARD™ PROFESSIONAL A/C STOP LEAK

- LeakGuard is the first A/C stop leak to be certified to meet the SAE J2670 Standard
- LeakGuard is specifically formulated for slow leaks (up to 0.5mm/0.02") that can occur over a 6–12 month period
- LeakGuard is endorsed by one of the largest U.S. service providers and used in every A/C service
- Used as a preventive maintenance, LeakGuard will stay in the system as a high quality lubricant until such time that a leak occurs
- Safely seals leaks in both rubber and metal components
- LeakGuard is an oil based sealant that does not react to moisture and will not harden, crystallize or clog the A/C system
- Safe for use in all systems, and all recovery equipment
- Contains super concentrated UV dye to diagnose leaks and stop them



LeakGuard™ (illustrated as yellow) seeks out even the smallest leaks and forms a permanent mechanical seal.



**480301 LEAKGUARD™ 1 OZ CARTRIDGE**  
Works exclusively with the Spotgun Jr.™ injection system



**480308 LEAKGUARD™ 8 OZ CARTRIDGE**  
Works exclusively with the Spotgun™ injection system

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>LeakGuard™</b>													
480308	LeakGuard Cartridge	8 oz	6	628604004424	2.00	2.00	9.75	0.75	16286044803086	6.00	4.25	10.00	4.65
480300	LeakGuard Injection Kit - Spotgun Jr.	2 x 1 oz 1 x .25 oz	1	628604004523	13.75	8.25	2.13	1.50		N/A			
480301	LeakGuard Cartridge	1 oz	4	628604001577	1.00	1.00	4.00	0.15	16286044803017	4.75	1.50	4.75	0.40
480301EU	LeakGuard Cartridge Winged	1 oz	4	628604001003	1.00	1.00	4.00	0.15	N/A	4.75	1.50	4.75	0.40
<b>A/C Sealants</b>													
480200	A/C Treatment Cartridge with UV Dye	1 oz	12	628604004066	1.00	1.00	4.00	0.10	16286044802003	7.75	4.50	2.20	1.30

# A/C OIL



## UVIEW PAG A/C OIL

- Available with or without A/C ExtenDye™ for fast leak detection
- A/C ExtenDye™ includes enhanced additive package to reduce wear, extend component life and improve efficiency of the A/C system
- Available in standard pack of 12
- 46 and 100 viscosities available

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>A/C Oil Bottles</b>													
488046PB	PAG 46 Oil Bottle	8 oz	12	628604004844	1.91	1.91	6.60	0.63	16286044880476	8.25	6.50	7.75	8.00
488046PBD	PAG 46 Oil Bottle with A/C ExtenDye	8 oz	12	628604004868	1.91	1.91	6.60	0.63	16286044880483	8.25	6.50	7.75	8.00
488100PBD	PAG 100 Oil Bottle with A/C ExtenDye	8 oz	12	628604004905	1.91	1.91	6.60	0.63	16286044881022	8.25	6.50	7.75	8.00
488016E	Universal Ester Oil with Dye and eBOOST	16 oz	12	628604003700	2.25	2.25	8.25	1.25	16286044880162	7.75	10.00	9.00	15.30
488016P	Universal PAG Oil with Dye and eBOOST	16 oz	12	628604003724	2.25	2.25	8.25	1.25	16286044880168	7.75	10.00	9.00	15.30

UVIEW  
A/C OIL

# A/C INJECTION KITS

A/C OIL | A/C EXTENDYE | LEAKGUARD

- ✓ **No Contamination**
- ✓ **Precise Injection**
- ✓ **No Waste**



SAE standards for A/C equipment in North America prohibit the use of onboard oil injection, (meaning oil must be added separately). This is the easiest and most efficient way to add A/C oil separately.

## 1 YOUR CHOICE OF INJECTION SYSTEM

- The original Spotgun™ is versatile and economical
- The Spotgun Jr. is perfect for controlling inventory through the use of single application cartridges
- The ECO-Twist™ system is the perfect entry-level injection tool

## 2 YOUR CHOICE OF CHEMISTRY

- A/C ExtenDye™ is formulated with super concentrated UV dye, plus friction modifiers, anti wear additives and antioxidants
- Also available with Universal A/C Dye
  - A/C Oil is a perfect companion to SAE A/C recovery units
  - LeakGuard™ is formulated to safely and permanently stop small leaks



Part No.	Injection System	Application	Refrigerant	Qty/Size	UPC	Unit (Inches & lbs)			
						Length	Width	Height	Weight
471500A		A/C ExtenDye	R-134a, R-12	8 oz / 240 mL	628604004523	13.75	8.25	2.13	2.86
481500		PAG 46 A/C Oil	R-134a, R-12	8 oz / 240 mL	628604005940	13.75	8.25	2.13	2.86
481500YF* Need #471535 for R134A application		PAG 46 HFO A/C Oil	<b>R-1234yf</b>	8 oz / 240 mL	628604005964	13.75	8.25	2.13	2.86
471500YF* Need #471535 for R134A application		A/C ExtenDye	<b>R-1234yf</b>	8 oz / 240 mL	628604026761	13.75	8.25	2.13	3.1
331500A		A/C ExtenDye	R-134a, R-12	4 x 1 oz / 30mL	628604005223	13.75	8.25	2.13	1.70
381400* Need #471546 for R134A application		PAG 46 A/C Oil	<b>R-1234yf</b>	8 x 1 oz	628604008705	13.75	8.25	2.13	2.5
381450		PAG 46 & PAG 46 HFO A/C Oil	R-134a, R-12, <b>R-1234yf</b>	4 x 1 oz 4 x 1 oz	628604008729	13.75	8.25	2.13	3
330500YF* Need #471546 for R134A application		A/C ExtenDye	<b>R-1234yf</b>	6 x 0.25 oz / 30mL	628604026785	13.75	8.25	2.13	2.2
480300		LeakGuard	R-134a, R-12	2 x 1 oz / 30mL	628604004523	13.75	8.25	2.13	1.70

\*Also compatible with R134a systems.

# Leak+Guard<sup>TM</sup> OneShot

With **A/C EXTENDYE<sup>TM</sup>**

## THE ONE SUPPLEMENT YOU NEED.

- QUICKLY AND EFFECTIVELY STOPS LEAKS
- DETECTS LEAKS WITH PREMIUM UV DYE
- ENHANCES A/C SYSTEM PERFORMANCE AND PROLONGS LIFE
- WILL NOT HARM A/C SYSTEM OR RECOVERY EQUIPMENT

**1234YF  
COMPATIBLE &  
HYBRID**



### INCLUDES:

LeakGuard <sup>TM</sup> Technology		A/C ExtenDye <sup>TM</sup>		Friction Modifier		Anti-wear Additive		Antioxidant					
Effectively finds and permanently stops small leaks as they form. Does not harden or crystallize.		Fluoresces leaks brighter than the competition.		Increases lubricity (less friction) of the compressor oil, improving efficiency (friction coefficient) by over 50% and improving fuel economy.		Creates a film that reduces contact between metal parts; reducing friction and heat, thereby extending component life. Effectively quiets noisy compressors.		Stops the oxidation process, reduces acidity and prolongs oil life.					
Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
480501	LeakGuard OneShot Cartridge	1 oz	4	628604015482	1.00	1.00	4.00	0.15	16286044805011	1.75	4.75	4.75	0.45

Visit us online at [cpsproducts.com](http://cpsproducts.com)

## EMERGING TECHNOLOGIES

### UView is prepared for the future of mobile air conditioning.

With all the changes, choosing the right AC oil has become confusing. UView offers a broad selection of A/C Oil.

For those who choose to use the OEM specified oil, we have it. And for those who desire simplicity and convenience, we have that too—a truly universal A/C oil. UView **488046YF** (8oz/240ml Cartridge) and **399046YF** (1oz/30ml Cartridge) oils are formulated to work as service oil for all R1234YF, R134a and Hybrid applications. **That's right—hybrid safe and OEM approved. One oil is all you need.**

As a reminder, installing oil using a sealed cartridge injection system assures the cleanest and driest oil reaches the AC system in exactly the correct dosage.



#### SPOTGUN™

- The most popular and professional injection method. Pull the trigger to inject a precise amount of dye and you're done! No mess, no waste.
- The most economical system per service
- Accurate dye delivery controls costs
- Our most popular oil injection kits: **481500** for R134a and **481500YF** for universal (see page 29)



#### SPOTGUN JR.™

"Single-Shot" System

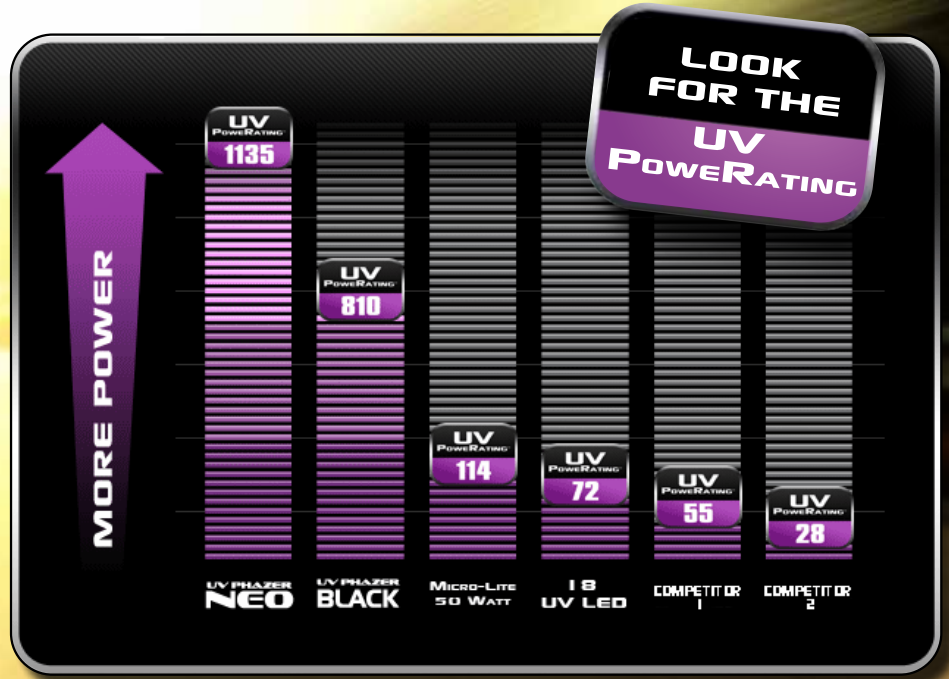
- Professional injection system for those that need to manage their inventory
- Smaller dosage, as low as one cartridge per vehicle
- Our most popular oil injection kits: **381450** for R134a and **399046YF** for universal (see page 33)

Part#	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
<b>Spotgun A/C Oil Cartridges</b>													
488046YF*	PAG 46 <b>1234yf</b>	8 oz	6	628604004967	1.75	1.75	9.75	0.70	16286044880490	6.00	4.25	10.00	4.40
488046P	PAG 46	8 oz	6	628604000877	1.75	1.75	9.75	0.70	16286044880469	6.00	4.25	10.00	4.40
488100P	PAG 100	8 oz	6	628604000884	1.75	1.75	9.75	0.70	16286044881008	6.00	4.25	10.00	4.40
488108E	ESTER 100	8 oz	6	628604000587	1.75	1.75	9.75	0.70	16286044881084	6.00	4.25	10.00	4.50
488125P	PAG 125 Meets GM spec. #9985752	8 oz	6	628604000891	1.75	1.75	9.75	0.70	16286044881251	6.00	4.25	10.00	4.50
488150P	PAG 150 Oil Cartridge	8 oz	6	628604000907	1.75	1.75	9.75	0.70	16286044881503	6.00	4.25	10.00	4.50
488104H	Hybrid Ester	4 oz	6	628604003427	4.75	2.00	11.00	0.45	16286044881046	12.00	4.25	12.50	3.35
<b>NEW! Spotgun Jr. A/C Oil Cartridges</b>													
399046	Universal PAG 46 Oil	1 oz	12	628604001300	1.00	1.00	2.00	0.10	10628604399046	7.75	4.50	2.00	1.2
399046YF*	PAG 46 <b>1234yf</b>	1 oz	4	628604009023	1.00	1.00	2.00	0.10	16286043990473	6.50	2.20	1.20	0.4

\*Also compatible with R134a systems.

# NOT ALL UV LIGHTS ARE CREATED EQUAL

*A/C systems are getting smaller, and leaks are harder to find. UView helps you find more leaks faster, saving you money!*



What the lumens index does for visible lighting, the UV PowerRating™ Index does for the UV spectrum by quantifying light output that most effectively fluoresces UV dyes.

- ✓ **High Output True UV LED™ UV light fluoresces dyes brighter and provides more contrast than blue LEDs, making leaks easier to find and reduces inspection time.**
- ✓ **Constant power output ensures the light produces peak output, regardless of battery charge.**
- ✓ **Adjustable Lens Focus allows for focusing light intensity**



**ACTUAL PHOTOS (images have NOT been enhanced.)**

UV DETECTION LIGHTS								
Part No.	Description	Battery	Run Time (minutes)	UPC	Unit (inches & lbs)			
					Length	Width	Height	Weight
413025	UV Phazer NEO	Rechargeable Lithium-ion	90	628604003908	10.75	4.25	3.25	0.75
413065	UV Phazer BLACK	Rechargeable Lithium-ion	120	628604004004	10.75	4.50	3.25	0.75
413075	UV Phazer BLACK	3 x AAA alkaline	120	628604004028	10.75	4.50	3.25	0.75





Powered by  
**LI-ION**  
Technology

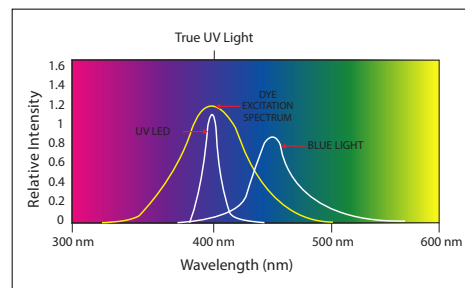
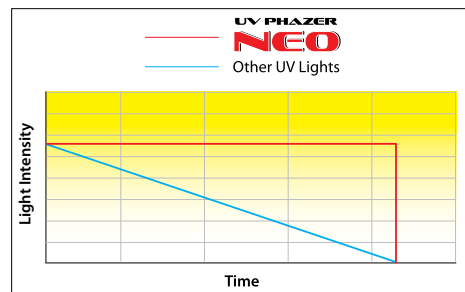


**413025**  
**UV PHAZER™ NEO™**  
**UV LEAK DETECTION LIGHT**

NEO™ finds leaks that others miss.

- High Output UV LED
- True UV: Fluoresces dyes brighter than blue LED lights
- Maintains steady power output throughout charge
- Adjustable lens focus allows focusing light intensity
- Rechargeable Lithium Ion battery: Years of trouble free battery life
- Compact design, perfect for use in tight areas
- Durable aluminum construction

Replacement Parts and Accessories on pages 38-39



Powered by  
**LI-ION**  
Technology



**413065**  
**UV PHAZER™ BLACK**  
**UV LEAK DETECTION LIGHT**

(Rechargeable Li-Ion) pictured above

*Extreme Performance. Outstanding Value.*

- Powerful, true UV LED illuminates up to 11X brighter
- 400nm wavelength fluoresces dyes brighter
- Provides more contrast than blue light, making leaks easier to identify
- Adjustable lens allows quick scans for larger leaks, or a concentration of light for hard-to-find, smaller leaks
- Compact housing allows for access into tight spaces
- Rugged aluminum construction stands up to years of heavy use

Replacement Parts and Accessories on pages 38-39



The **rechargeable version 413065** features a Lithium Ion battery, good for two hours of output, charge after charge. An all new charging port eliminates the need to remove the battery for charging. A smart charger protects the battery from overcharging and extends battery life, for years of trouble free use. The **AAA version 413075** is cost effective yet powerful, with two hours of output.



**413075**  
**UV PHAZER™ BLACK**  
**UV LEAK DETECTION LIGHT**

(AAA Batteries) pictured at right

*Extreme Performance. Outstanding Value.*

- Powerful, true UV LED illuminates up to 11X brighter
- 400nm wavelength fluoresces dyes brighter
- Provides more contrast than blue light, making leaks easier to identify
- Adjustable lens allows quick scans for larger leaks, or a concentration of light for hard-to-find, smaller leaks
- Compact housing allows for access into tight spaces
- Rugged aluminum construction stands up to years of heavy use

Replacement Parts and Accessories on pages 38-39



**413001**  
**MICRO-LITE™ 50-WATT**  
**INSPECTION LIGHT**

Compact and Powerful.

- The most popular 50-watt light. 70-degree angled head allows access into tight areas making leak detection easier
- Includes UV enhancing glasses

**413000** (w/storage case)

Replacement Parts and Accessories on pages 38-39

# NOW KILL BACTERIA, VIRUSES, INCLUDING **SARS-COV2** OR **COVID-19**

Improve In-Car Air Quality for  
the Well-Being of Drivers & Their  
Passengers

MiST™ Provides the Clean Air You  
Need!

- MiST™ nano-droplets get directly to the source of the problem
- Safe, simple and effective profit generator that targets the health of the driver and occupants, not the vehicle
- Start offering every one of your customers this inexpensive treatment...for their health!



Removes  
Mold



Removes  
Pollen



Removes  
Mildew

MiST™ VENT SAMPLES  
BEFORE & AFTER



Visit us online at [cpsproducts.com](http://cpsproducts.com)

# AWARD-WINNING COMPLETE IN-CAR SERVICE

MiST™ penetrates the entire ventilation system and passenger compartment surfaces to restore interior air quality. MiST is a safe, simple and effective service that targets the health of the driver. MiST is the perfect preventive maintenance (PM) service because it can be run on any vehicle, leased or owned that comes into your shop, regardless of year, make, model or mileage.



## 590160 MiST™ ULTRASONIC CLEANING UNIT

- Portable 12V DC ultrasonic machine
- Nano-droplet delivery system of a specially formulated cleaning solution
- Fast service time
- Unattended operation
- Automatic shut-off upon completion

**590160P** MiST Started Pack, Includes:

- MiST Ultrasonic Cleaning Unit
- (2) Cases of 12 MiST Ultrasonic Cleaning Solution

*Replacement Parts and Accessories on pages 38-39*



## 590250SK MiST X-TREME SANITIZING KIT

- 1 Qt (590275) MiST X-Treme w/sprayer
- 12 Bottles (590250) MiST Cleaning Solution
- MiST Ultrasonic Machine sold separately
- 12 MiST X-Treme Service Vent Tags
- 24 MiST X-Treme Point of Sales Brochures



## 590260SK MiST X-TREME SANITIZING AND SCENTED KIT

- 1 Qt (590275) MiST X-Treme w/sprayer
- 12 Bottles (590260) MiST Remarketing Solution
- MiST Ultrasonic Machine sold separately
- 12 MiST X-Treme Service Vent Tags
- 24 MiST X-Treme Point of Sales Brochures



## 590275 MiST X-TREME SANITIZING SPRAY

- EPA registered and effective against bacteria, including MRSA and viruses such as Covid-19
- Allow sprayed on solution to remain in place during the entire MiST service then wipe away any excess
- One bottle will treat up to 12 passenger cars/light trucks
- Sold in cases of 12 – 32 oz. bottles w/sprayer



## 590250 MiST™ CLEANING SOLUTION

- MiST service for vehicle interiors and ventilation system
- Designed for exclusive use with MiST Ultrasonic unit (Single application)



## 590260 MiST™ AUTO REMARKETING

- Specially designed for used cars to treat mold, mildew and bacteria in the HVAC system and cabin of a vehicle
- Designed for exclusive use with MiST Ultrasonic unit (Single application)



## 400-0501 MiST™ ULTRASONIC SOLUTION

- New fresh scent! Cleans and restores the vehicle's HVAC system and cabin
- Designed to work with the CarClean™ System



## MiST™ VENT AIR FRESHENERS

- Clip-on vent. Fragrance leaves vehicle smelling clean and fresh

**590235** Summer Breeze

**590236** Spicy Apple

**590237** Citrus

**590238** Vanilla

**590239** Clean Car

Part#	Description	Std Pack	Unit Size	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
590160	MiST II Ultrasonic Cleaning Unit	1	NA	628604003182	16.00	8.25	10.50	5.80		NA			
590250	MiST Cleaning Solution	12	3.38 oz	628604002925	2.00	2.00	4.75	0.30	16286045902504	13.00	4.75	5.00	4.15
590260	MiST Auto Remarketing Formula	12	3.38 oz	628604006107	2.00	2.00	4.75	0.30	16286045902603	13.00	4.75	5.00	4.15
590235	Vent Clip: Summer Breeze Air Freshener	12	NA	628604002840				NA		6.00	4.00	0.50	0.05
590236	Vent Clip: Spicy Apple Air Freshener	12	NA	628604002864				NA		6.00	4.00	0.50	0.05
590237	Vent Clip: Citrus Air Freshener	12	NA	628604002888				NA		6.00	4.00	0.50	0.05
590238	Vent Clip: Vanilla Air Freshener	12	NA	628604002901				NA		6.00	4.00	0.50	0.05
590239	Vent Clip: Clean Car Air Freshener	12	NA	628604003342				NA		6.00	4.00	0.50	0.05
590155	12V Battery Extension Cord with accessory outlet (12ft)	1	NA	628604002826					NA				
590275	Bottle MiST X-Treme Sanitizing Solution	12	32	750377119750									

OEM  
APPROVED



### **550000 AIRLIFT™ KIT**

Eliminate airlocks in vehicle cooling systems and refills in seconds. OEM approved worldwide!

- Refills the entire cooling system including the heater core!
- Eliminates time consuming bleeding and purging
- Checks for leaks while under vacuum
- Works on: cars, trucks, off road vehicles
- Suitable for battery cooling systems in electric and hybrid vehicles

*Replacement Parts and Accessories on pages 38-39*



### **550500 AIRLIFT™ II**

An inexpensive solution to today's complex problem of airlocks in vehicle cooling systems.

- Refills entire cooling system in seconds, including the heater core!
- Eliminates time consuming bleeding and purging
- Checks for leaks while under vacuum
- Push button valve eliminates the need to change hoses
- Works on all cooling systems with "Fits-All" cone adapter

*Replacement Parts and Accessories on pages 38-39*

OEM  
APPROVED



### **550500HD AIRLIFT™ II HD**

- Built to remove airlocks in the HD cooling system.
- Eliminates the time consuming process of refilling and bleeding cooling systems by creating a vacuum that refills the entire system in seconds, including the heater core, EGR coolers, intercoolers, and aftercoolers
- Equipped with a 90 degree angled gauge to accommodate tight fit applications and also checks for leaks while under vacuum
- Includes a cone adapter to fit most systems with an extra-long 8' hose for hard-to-reach areas
- OEM Approved by International Truck

*Replacement Parts and Accessories on pages 38-39*



**560000  
COMBUSTION LEAK TESTER**

- Dual-chamber design for higher accuracy to eliminate false readings
- First chamber filters out alkaline particles that could result in a false indication of a combustion leak
- Test results in the second chamber provide a true indication of a combustion leak
- Works on gasoline, diesel and natural gas engines



**560500  
COMBUSTION LEAK TESTER FLUID**

- For Combustion Leak Tester #560000 (uses +/- 2 oz of fluid per service)
- Positive proof a leak is present:  
*If tester fluid changes from blue to yellow in gasoline or natural gas engines*  
*If tester fluid changes from blue to green in diesel engines*



**A PROVEN ENGINE TOOL THAT REMOVES AND REFILLS COOLANT SYSTEMS AND PERFORMS A BUILT-IN LEAK TEST IN LESS TIME THAN TODAY'S CONVENTIONAL METHODS.**

- **Connects easily to all engine cooling systems.** Simply connect to radiator opening or reservoir tank. No need to cut heater hoses or disconnect upper radiator hoses
- **Test for leaks.** Confirms system integrity, reduces chance of refilling a leaky system
- **Eliminates potential airlock problems.** Refill cooling system using "Patented" vacuum technology. (Refills like OEM's) Eliminates the need for burping and warm up
- **Refills in seconds.** Quickly refill from used or new coolant reservoir. Accurately pre-mix a 50/50 mixture of coolant in three gallon holding reservoir
- Safely store used coolant in large, 12 gallon holding reservoir
- No electrical or moving parts
- Operates completely on shop air
- Easy to operate
- Ideal for use with coolant flush chemicals

**VACUFILL™**

- Connects easily to all engine cooling systems
- Available with auxiliary pump for emptying the waste coolant reservoir
- Tests for leaks while under vacuum
- Refills the entire system in seconds while eliminating airlocks
- Large three gallon new-coolant fill tank
- Large 12 gallon waste-coolant reservoir

**570000** Vacufill™

**570000X** Vacufill™ with Waste Pump

Replacement Parts and Accessories on pages 38-39








**WASTE PUMP**

## UV LEAK DETECTION




<b>98006433</b>	UV Phazer NEO lamp	
<b>98027045</b>	3.7V Lithium Ion battery	
<b>98027303</b>	Lithium Ion charger 3.7V with port (110V)	
<b>98027304</b>	Lithium Ion charger 3.7V with port (220V-EU)	
<b>98006475</b>	UV Phazer BLACK lamp (AAA)	
<b>98006465</b>	UV Phazer BLACK lamp (Rechargeable)	
<b>98027240</b>	MicroLED-Lite battery charger (120V)	
<b>461102</b>	110V/100 Watt Replacement Bulb Mega-Lite™	
<b>461201</b>	12V/100 Watt Replacement Bulb Mega-Lite™	
<b>461107</b>	Replacement Lens Mega-Lite™	
<b>98007540</b>	Rubber Retaining Lens Ring Mega-Lite™	
<b>98007560</b>	Rubber Retaining Lens Ring Micro-Lite™	
<b>461105</b>	12V/50 Watt Replacement Bulb Micro-Lite™, Econo-Lite™	

## COOLING SYSTEM TOOLS (AIRLIFT, AIRLIFT II)










<b>550510</b>	Venturi Assembly (Airlift™)	
<b>550530</b>	Fill Hose Assembly (Airlift™)	
<b>550535</b>	(4) Rubber Stoppers (Airlift™)	
<b>550537</b>	Universal Cone Adapter (Airlift™)	
<b>98037000</b>	Vacuum Gauge (Airlift™)	

<b>98037025</b>	Vacuum Gauge (1.5") (Airlift™ II)	
<b>98037030</b>	Ball Valve (Airlift™)	
<b>98037060</b>	Quick Connector/Coupler (Airlift™)	
<b>98037070</b>	Coupler Seal (Airlift™)	
<b>98038015</b>	Fill Hose Assembly (Airlift™ II)	
<b>98037090</b>	Airlift Quick Connect Coupler male	
<b>98037390</b>	Airlift II Rubber Cone adapter plus HD	
<b>98037321</b>	Squeeze Bulb	
<b>98037328</b>	Tester	
<b>570150</b>	Rad Neck adapter	
<b>98037360</b>	Rad Neck Rubber Stopper	
<b>98063000</b>	Fill Tank Cover (30"/ 76.2cm)	
<b>98063100</b>	Extraction Hose Assembly	
<b>98063150</b>	Fill Tank Filter	
<b>98063300</b>	8" Fill Tank Tube	
<b>98063450</b>	O-ring - Fill Tank 7.841" OD X 0.177" th	
<b>98063451</b>	O-ring - Fill Tank 7.880" OD X 0.197" th	
<b>98064600</b>	Drain Valve	
<b>98064750</b>	Base Plate	
<b>98064950</b>	4" Wheel Assembly (each)	
<b>98066850</b>	Vacuum Gauge 2.5"	
<b>98071200</b>	Ring Stopper (each)	



## VACUFILL COOLANT EXCHANGER

98067750	Extension Tube Assembly	
98063310	O-Ring Repair Kit	
98063320	Fill Tank and O-Rings	






## UV LEAK DETECTION AND A/C DYE KITS (Spotgun, Spotgun Jr. & ECO-Twist)

471535	R-134a Hose/Coupler: Twister & Spotgun™ Systems	
471536	High Side Adapter: R-134a	
471546	Spotgun™ Jr. R-134a Hose/Coupler	
982564	Service Stickers: Strip of 32	
471111	Spotgun™ Injection Gun Kit	
471539	Spotgun™ Injection Gun	
98000010	Spotgun™ Jr. Injection Gun	
98007111	Spotgun™ Hanger Bracket	
471540	1234yf Spotgun Hose Assembly	
471547	1234yf Spotgun Jr. Hose Assembly	

## LEAK GUARD

98010385	R-12 Application Hose for the A/C Stop Leak (0.25" FFL)	
98037169	A/C Charge Hose - Low side R-134a	

## MIST™ UNIT

98002351	MiST piezo repair kit (serial numbers prior to 11000)	
98002340	Fan with Waterproof Connector	
98002350	MiST fan repair kit (serial numbers prior to 11000)	
99090575	MiST™ POS Consumer Cards	
590155	MiST™ Battery Extension Cord	

# MOTORVAC®

*Your partner in preventive maintenance™*



EQUIPMENT & CHEMICAL DIAGNOSTIC  
& MAINTENANCE SOLUTIONS



# NEXT GENERATION DIAGNOSTIC SMOKE FOR FORCED INDUCTION GASOLINE AND DIESEL ENGINES.

## COOL SMOKE® HP DELIVERS MARKET-LEADING EASE OF USE, RELIABILITY AND LEAK DETECTION.

### COOL SMOKE® HP

- Control Cool Smoke® HP with your Android® or Apple® mobile device
- Delivers dense smoke across its entire operating range of 3-60 psi unlike competitive products that must reduce smoke output at higher pressures due to limitations in their technologies
- 3.5 inch multicolor digital LCD display
- The Cool Smoke® HP operates on 12 or 24 volt DC, is not polarity sensitive and draws minimal current. Smoke is produced without heat, making it safer, more reliable and more energy efficient than competitive models
- Customer configurable settings include multiple languages and units of measure
- Multiple adapter configurations ensure the ability to connect to any automotive induction system

**500-0150** Cool Smoke® HP with Turbo Adapter Kit

**500-0150NA** Cool Smoke® HP without adapters

Model	Cool Smoke® HP
Input	12 to 24 VDC 1A (not polarity dependent)
<b>Machine Dimensions</b>	
Height	33 cm (13")
Width	28 cm (11")
Depth	46 cm (18")
<b>Carton Dimensions</b>	
Height	38 cm (15")
Width	46 cm (18")
Depth	51 cm (20")
Shipping Weight	4.5 kg (9.8 lbs)
New Fluid Capacity	120 mL (4.1 fl oz)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	2.5 m (8 ft)
Warranty	One Year



**200-0150**  
Turbo Adapter Kit

## FOR USE WITH COOL SMOKE® HP



### COOL SMOKE® REPLACEMENT FLUID

Designed specifically for use with the MotorVac Cool Smoke System

- Cool Smoke fluid with UV Dye pin-points leaks faster and more accurately than any other leak detection fluid
- Environmentally friendly

**400-1054** 6.8 oz

**400-1055** 4.1 oz (won't overfill unit)



Finds leaks with smoke and dye. Accurate flow meter measures leak size. 'Test' mode and smoke flow control.

**WV605  
VACUTEC® LEAKFINDER®**

*Diagnostic Smoke® and UltraTraceUV® Dye*  
Vacutec® Leakfinder is the simplest and quickest way to find low-pressure leaks in multiple vehicle systems. Its patented technology was designed in collaboration with multiple major OEMs to establish a standard for leak detection. Designed safe for all vehicle systems, use will not void factory warranties and is OEM APPROVED. It is the only smoke technology in the world that meets SAE INTERNATIONAL safety standard recommendations.

- Smoke test with Patented UltraTraceUV® Smoke Solution: Deposits a fluorescent dye at exact leak location. It's the only non-contaminating & non-permanent OEM-Approved smoke technology dye making it safe to use, will not void vehicle factory warranty.
- Includes additional 12 oz bottle of UltraTraceUV dye, good for hundreds of tests
- Operates with shop air for general purpose testing (e.g. vacuum, exhaust, wind & water leaks etc.), or inert gas for safer EVAP testing
- Automatic electronic safety valve shuts off air flow into vehicle's EVAP system when machine turns off, preventing gasoline fumes continually exiting the EVAP system and filling your work bay
- Auto-correct EVAP pressure setting; non-adjustable to avoid accidental over-pressure
- Approved for Flex-Fuel vehicle testing
- 1 Year Warranty
- Full range flow meter detects: gross (.080") small (.040") and very small (.020") leaks. Capable of detecting leaks smaller than .010"
- Non-smoke 'Test' mode (in addition to smoke mode)
- Smoke Flow Volume Control

**The world's best selling smoke technology – in more workbays than all competitors combined!**



**WV608  
VACUTEC® LEAKFINDER®**

*Diagnostic Smoke® and UltraTraceUV® Dye*

- Includes additional 12 oz bottle of UltraTraceUV dye, good for hundreds of tests
- Operates with shop air for general purpose testing (e.g. vacuum, exhaust, wind & water leaks etc.), or inert gas for safer EVAP testing
- Automatic electronic safety valve shuts off air flow into vehicle's EVAP system when machine turns off, preventing gasoline fumes continually exiting the EVAP system and filling your work bay
- Auto-correct EVAP pressure setting; non-adjustable to avoid accidental over-pressure
- Approved for Flex-Fuel vehicle testing
- 1 Year Warranty
- Full range flow meter detects: gross (.080") small (.040") and very small (.020") leaks. Capable of detecting leaks smaller than .010"
- Large pressure gauge for added diagnostic capability
- Non-smoke 'Test' mode (in addition to smoke mode)
- Smoke Flow Volume Control



**WVA-060  
INERT GAS PACK**

Designed to work in combination with all current Vacutec smoke machines. Inert Gas Pack provides safer EVAP testing in a very portable kit. It provides all the power of a large gas cylinder but fits into the palm of your hand. Can perform between 25-50 full-cycle EVAP tests per filled cylinder and is inexpensive to refill.

**Included:** Preset CO2 regulator with cylinder fitting, pressure gauge, universal push-on female coupler and 20 oz. liquid CO2 cylinder. (Cylinder arrives empty).

**Meets SAE International** technical papers recommending inert gas for EVAP system testing (2008-01-0554 & 2007-01-1235).

Using air as the smoke carrier is not recommended in SAE papers or by automakers when testing fuel vapor (EVAP) system. Air can create a flammable fuel mixture in the vehicle's fuel tank. **OEMs** also require the use of an inert gas when testing an EVAP system.



**WVA-051  
PRE-SET GAS FLOW REGULATOR 100 PSI**

No adjustments needed, always guarantees proper operating pressure for any smoke machine.

- Easily connects to nitrogen cylinder and to coiled hose ( WVA-041)



**WVA-002  
ASSORTED CAP-PLUG SET**

Cap Plug Kit

- Designed to seal a wide range of openings, ranging in sizes from 1 3/4" to 4 1/2" and 1/8" to 3/16"
- Useful for inside and outside diameter openings, each cap plug is made from molded vinyl
- Included with: WV605



**WVA-006  
EVAP SERVICE PORT ADAPTER FITTING**

Standard Size

- Evap Service Port Kit (OBD-II); connects to most factory-installed fittings for accessing OBD-II EVAP system
- Included with: WV605



**WVA-049  
DUAL-SIZE SCHRADER REMOVAL/INSTALLATION TOOL**

Removal and installation tool for EVAP service ports

- Included with: WV605



**WVA-003  
SMOKE DIFFUSER**

For finding wind/water leaks

- Made of molded polyvinyl, resistant to chemicals and abrasion
- Slows and concentrates the EVAPro smoke for use in diagnosing wind and water leaks in vehicle passenger compartments
- Included with: WV605

**500-0100  
COOLSMOKE®**

The next generation of EVAP Leak Detection

- Pressure and vacuum leak diagnostics with instant smoke solution containing UV enhanced dye
- Two ways to spot the leak
- Does not use heat to create smoke

Model	Cool Smoke®
Input	12 VDC 0.75A
Output	.45 Psi
<b>Machine Dimensions</b>	
Height	29.2 cm (11.5")
Width	34.3 cm (13.5")
Depth	28 cm (11")
<b>Carton Dimensions</b>	
Height	35.6 cm (14")
Width	35.6 cm (14")
Depth	30.5 cm (12")
Shipping Weight	8 kg (18.5 lbs)
New Fluid Capacity	120 mL (4 fl oz)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



Improve performance with UV Phazer™ Black™ (#413075)

# THE ONLY SMOKE TECHNOLOGY IN THE WORLD THAT MEETS SAE INTERNATIONAL SAFETY STANDARD RECOMMENDATIONS.

## UltraTraceUV® CONTAMINANT-FREE DYE SOLUTION

- Smoke test with the ONLY OEM approved non-contaminating and non-permanent smoke solution (the smoke that won't stink!)
- Deposits UV-activated fluorescent dye at the exact location of a leak
- Non-contaminating and non-conductive
- 12 oz services approx. 350 test cycles
- 16 oz services approx. 500 test cycles

## UltraTraceUV® SMOKE SOLUTION

- The same OEM-Approved formula without dye
- Non-contaminating and non-conductive



Part No.	Description	Size
WV0712UV	UltraTraceUV® Contaminant-Free Dye Solution	12 oz. bottle

## FOR USE WITH COOLSMOKE®



## COOLSMOKE® REPLACEMENT FLUID

Designed specifically for use with the MotorVac Cool Smoke System

- CoolSmoke fluid with UV Dye pin-points leaks faster and more accurate than any other leak detection fluid
- Environmentally friendly

**400-1054** 6.8 oz

**400-1055** 4.1 oz (won't overfill unit)

# Only bladder tool on the market with patented bendable technology



### WVA-132 SMALL BLADDER PLUG WITH THROUGH-HOLE

- 1.25" expands to seal small diameter openings up to 4" with included hand pump
- Body will flex for curved applications
- Patented bladder easily conforms to round or irregular shapes



### WVA-124 HEAVY DUTY BLADDER PLUG WITH THROUGH-HOLE AND PRESSURE POP-OFF VALVE

- 2.9" expands to seal or plug large intake or exhaust openings of up to 6"
- Body will flex for curved applications
- Heavy duty bladder easily conforms to round or irregular shapes



### WVA-096 BLADDER PLUG WITH THROUGH-HOLE

- Includes spare bladder replacement
- Body will flex for curved applications
- 1.9" expands to seal large intake or exhaust openings of up to 6"/152mm
- Bladder resists heat better than others (up to 375°F/190°C)

**WVA-116** Turbo adapter 110mm, 115mm, 120mm

**WVA-117** Turbo adapter 125mm, 130mm, 135mm

### WVA-098 BLADDER REPLACEMENT

- Fits WVA-096

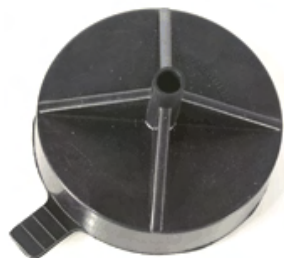


**BRILLIANTLY SIMPLE AND REUSABLE!**  
**SAVE MONEY, NO COSTLY**  
**REPLACEMENT SEALS NEEDED—**  
**USE WITH ANY SMOKE MACHINE OR**  
**OTHER LEAK DETECTION DEVICE**

**WVA-063**  
**UNIVERSAL ADAPTER**

Use with any smoke machine or other leak detection device (Standard)

- Quickly pops-on virtually any filler neck



**WVA-064**  
**UNIVERSAL ADAPTER**  
 (for BMW | MINI)

- Specifically designed for BMW and MINI filler necks
- U.S. Patent 8,408,047



**WVA-078**  
**CAPLESS ADAPTER**

Fits double-door capless fuel tanks

- Specifically designed for new capless fuel tanks
- U.S. Patent 8,998,170



**WVA-001**  
**EXHAUST CONE ADAPTER**

Exhaust Cone 6" in length and tapered from 1" to 3 1/2", the Exhaust Cone is designed for use in diagnosing exhaust system leaks.

- Made from EPDM rubber with a neoprene inlet hose, the Exhaust Cone has a 3/8" smoke channel and will fit a wide variety of tailpipe diameters
- Included with: WV605



**WVA-067**  
**LARGE CONE ADAPTER**

Used to introduce smoke into engine intake systems and large exhaust systems.

- Size: 3.5" x 6" x 4.5" long
- Included with WV605

## MOTORVAC GDI CLEANING SOLUTION

Up to 65% better deposit removal than existing methods.

Our patent pending chemical formula has been designed to dissolve or break down deposits without disassembling parts of the intake assembly. The cleaner will emulsify the deposits and the rinse will remove the softened deposits. These deposits will easily burn in the combustion chamber. Our friction modifier will lubricate the valves and combustion chambers for better compression.

### PATENT PENDING CHEMICALS

GDi deposits are unlike traditional carbon deposits. Our chemicals are specifically designed for GDi intake deposits with components that comprise formulas that are superior to existing products. We use a chemical that softens and dissolves the deposits ensuring no chunks are dislodged which could cause damage to downstream components including the combustion chambers, turbochargers, and catalytic converters.

### PATENT PENDING PROCESS

Our main advantage is that no one else is going behind the throttle plate. The location of the adapter/nozzle, positioned behind the throttle plate in the center of the air passage that leads to the intake plenum, takes advantage of the plenum architecture which has been designed to lead air from the throttle plate equally to each of the cylinders resulting in the best possible distribution of the chemicals.

**400-0458** GDi 2-part kit

**500-0467** GDi tool

**067-1730** Universal GDi MAP sensor adapter .40GPH

**500-0467KT** GDi Starter Kit

**067-1730** Universal MAP Sensor Adapter



## Adapters

Brand	Name	Displacement	Adapter Part #
BMW	B48	1998 cc	067-1722
	EcoBoost 1.6	1596 cc	067-1701
	EcoBoost 2.0	1999 cc	067-1701
Ford	EcoBoost 2.3	2261 cc	067-1723
	EcoBoost 2.7	2694 cc	067-1703
	EcoBoost 3.5	3496 cc	067-1704
	Ecotec LUJ/LUV	1364 cc	067-1705
GM	Ecotec LEA	2384 cc	067-1710
	5.3L		067-1724
Hyundai/Kia	Gamma GDi 1.6	1591 cc	067-1720
	Nu GDi 2.0	1999 cc	067-1720
	Theta GDi 2.0	1998 cc	067-1720
	2.0T GDi Turbo	1998 cc	067-1720
Nissan	5.6L DIG V8		067-1721

## DIESELTUNE™ EGR CLEANING TOOL

For Diesel EGR System Cleaning on intake and exhaust sides of EGR valve and cooler.

- Designed for on-vehicle cleaning of the EGR circuit
- Our EGR adapters are field tested and designed to deliver the most effective service
- Designed for many Diesel EGR applications including Cummins, Ford, GM, VW and more

**500-0170** DieselTune™ EGR Cleaning Tool

**500-0170M** DieselTune™ EGR Cleaning Tool with Manifold

Model	DieselTune™ EGR Cleaning Tool
Input	N/A
<b>Machine Dimensions</b>	
Height	40.6 cm (16")
Width	19 cm (7.5")
Depth	19 cm (7.5")
<b>Carton Dimensions</b>	
Height	42 cm (16.5")
Width	26.7 cm (10.5")
Depth	29.8 cm (11.75")
Shipping Weight	4.8 kg (10.8 lbs)
New Fluid Capacity	2 L (2.1 qt)
Waste Tank Capacity	N/A
Length of Power Cord	N/A
Length of Hose	2.4 m (8 ft) and 2.1 m (7 ft)
Warranty	One Year



View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)

## FOR USE WITH DIESELTUNE™ EGR CLEANING TOOL



### 400-0280 MOTORVAC® EGR SYSTEM CLEANER

- Cleans the EGR circuit removing stubborn carbon deposits, eliminating the need for tear-down and part replacement
- Cleans variable geometry turbochargers (VGTs) and vanes
- Lowers emissions and smooths rough idle



### 400-3022 MOTORVAC® COMPLETE FUEL SUPPLEMENT

- Raises cetane number four to six points
- Improves cold weather starting
- Eliminates water using exclusive HydroBond Technology
- Reduces DPF regeneration cycles
- Meets CEC F 098-08 DW10 injector cleaning standard



### 400-3012 MOTORVAC® MAX STRENGTH FUEL INJECTOR CLEANER

- Exceeds industry injector cleaner standards for Cummins L-10 and CEC DW10
- Eliminates water using our exclusive HydroBond Technology
- Increases cetane by up to three points





**BEFORE**



**AFTER**

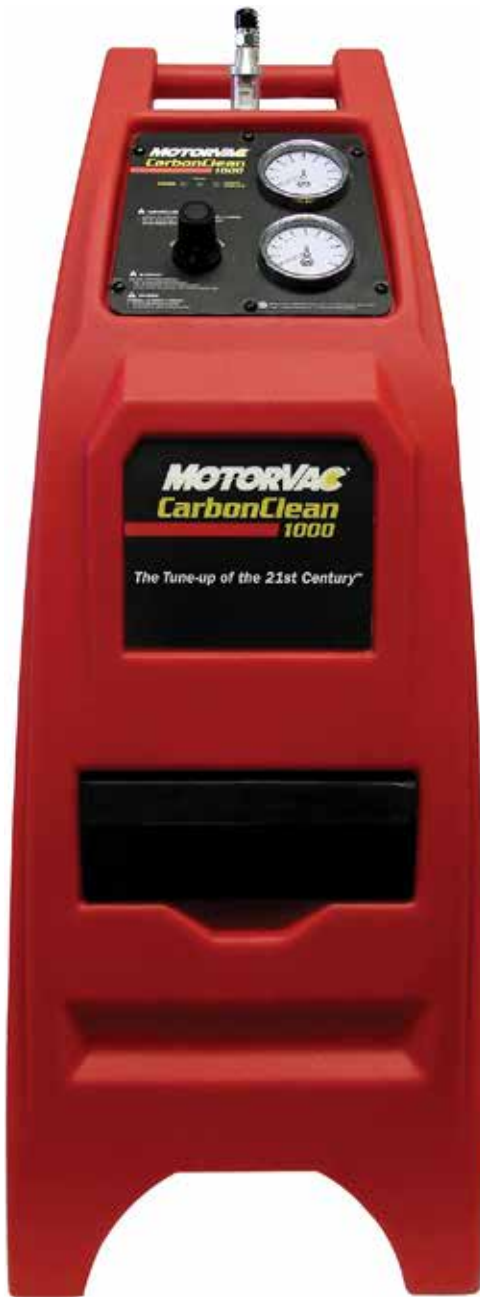


**BEFORE**



**AFTER**

**Need assistance to find  
an adapter? E-mail us at  
[cs@cpsproducts.com](mailto:cs@cpsproducts.com)**



500-0220

## CARBONCLEAN® 1000

Everything you need to provide The Tune-Up for the 21st Century!  
Complete, professional through-rail fuel system decarbonizing service

The CarbonClean 1000 provides a thorough cleaning of the fuel rail and engine decarbonizing service, with the convenience of a simple hook up utilizing our online application guide and easy to use fuel adapter connect set.

- Unique time saving adapter system makes connecting to the rail simple and fast
- Premixed **MV5 - 400-0050** detergent solution utilizes proprietary CarbonClean chemistry
- Provides fuel pump performance diagnostic capabilities as well as fuel system functionality
- Online application guide



### Online MotorVac Application Guide

Scan the QR code or type in the URL to view step-by-step instructions.  
[motorvacapplicationguide.com](http://motorvacapplicationguide.com)

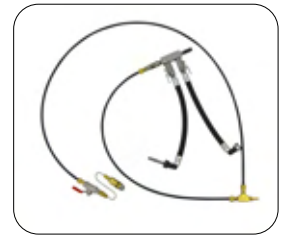
Model	CarbonClean® 1000
Input	12 VDC 1A
<b>Machine Dimensions</b>	
Height	99 cm (39")
Width	28 cm (11")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	8.6 kg (20 lbs)
New Fluid Capacity	Single use can
Waste Tank Capacity	N/A
Length of Power Cord	4.9 m (16 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)



**300-3200**  
Dust Cover



**200-0122**  
S Tool

## FOR USE WITH CARBONCLEAN® 1000



HydroBond.

### 400-0050 CARBONCLEAN® MV5

Fuel System Cleaner and Engine Decarbonizer

- Super concentrated detergent package rapidly cleans fuel system including injectors and intake valves
- Exclusive Hydrobond™ Technology uses proprietary chemistry to "steam clean" combustion chamber deposits
- Works exclusively with CarbonClean® 1000



HydroBond.

### 400-0060 CARBONCLEAN® MV6

Fuel System Cleaner and Engine Decarbonizer

- Super concentrated detergent package rapidly cleans fuel system including injectors and intake valves
- Exclusive Hydrobond™ Technology uses proprietary chemistry to "steam clean" combustion chamber deposits
- Works with any pressurized canister tool with fuel rail connectivity

Visit us online at [cpsproducts.com](http://cpsproducts.com)



**500-0245**  
**CARBONCLEAN® 245**

Professional Fuel System Service and Diagnostic Center

- Advanced electronic controls
- Unique safety features allow system to run unattended
- Fuel system diagnostic capabilities allow up to five different tests to be performed
- The CarbonClean 245 comes with the ICS Kit Part#200-8667

Model	CarbonClean® 245
Input	12 VDC 6A

<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")

<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	34 kg (75 lbs)
New Fluid Capacity	4.7 L (5 qt)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft), 3.7 (12 ft)
Warranty	One Year



View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)



**200-8667**  
 Ics Kit (Included)

**FOR USE WITH CARBONCLEAN® 245**



**CARBONCLEAN® MV3**

Fuel System Cleaner Concentrate

- Proprietary gas/petrol detergent concentrate
- Eliminates soft carbon and other contaminants
- Contains no harmful alcohols such as methanol and hexanol which are known to damage seals

**400-0020** (8 oz)

**400-0126** (32 oz)



**400-0030**

**CARBONCLEAN® MV4**

Intake System Cleaning Detergent

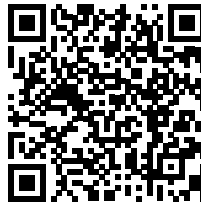
- Incorporates a foaming action to decarbonize air intake, plenum, throttle body, intake runners and intake valves
- Applied using the ICS kit or S-Tool canister
- Not harmful to seals



**500-0352**  
**CARBONCLEAN® DUAL**

Complete Fuel System Service for both Gasoline and Diesel Engines

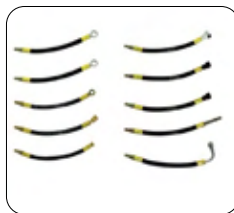
- The CarbonClean Dual services both gasoline and diesel engines to clean the entire fuel system. When used with fuel system cleaning detergents and the Intake Cleaning Kit, CarbonClean Dual cleans the gasoline engine's air plenum, throttle body, air bypass valve, injectors, valves, combustion chambers, oxygen sensor and catalytic converters without having to remove any engine components. When used with diesel detergent, CarbonClean Dual cleans the diesel fuel injectors, injector pump and combustion chambers
- Works on port-fuel, TBI, CIS, and carbureted systems
- Safely dissolves contaminants, gum and varnish deposits, capturing them in the built-in 10 micron filter
- Cleans injector screens, intake and exhaust valves, top of pistons, combustion chamber, oxygen sensor and catalytic converter
- Safely dissolves and removes soft carbon deposits and passes them through the exhaust



**View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)**



**200-3025A**  
Standard Adapters (Included)



**200-3026A**  
Deluxe Adapters (Included)



**200-8667**  
Ics Kit (Included)

Model	CarbonClean® Dual
Input	12 VDC 6A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	40.8 kg (90 lbs)
New Fluid Capacity	2 L (2.1 qt) for Petrol and Diesel
Waste Tank Capacity	N/A
Length of Power Cord	2.7 m (9 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year

**FOR USE WITH CARBONCLEAN® DUAL**



**MOTORVAC® CARBONCLEAN® MV3 AND MOTORVAC® DIESELTUNE™ MV3D**

Fuel System Cleaner and Engine Decarbonizer

- The CarbonClean Dual works with MV3 gas/ petrol concentrate and the MV3D diesel concentrate

**400-0020** CarbonClean MV3

**400-0010** DieselTune MV3D

**MotorVac Detergents Clean From the Inside Out**

- Our CarbonClean detergents will loosen and dissolve the resin, gum and varnish that build up throughout an engine's entire fuel system.
- Our cleaning process starts from the air intake, all the way through to the exhaust system.
- CarbonClean detergents use a proprietary formula that combines various elements to form a strong-yet-safe cleaner.
- Our detergents do not contain methanol, isopropanol, hexanol, butanol or ethanol, all known to be corrosive in fuel.
- CarbonClean detergents will not damage the engine components and can be used with confidence.

**500-4006P**  
**DIESELTUNE™**

Professional Fuel System Service for Diesel Engines  
 DieselTune is a 2-line cleaning system that connects to the engine through OEM specific adapters. DieselTune passes a concentrated mixture of MotorVac cleaning detergent and diesel fuel through the components of the fuel system while the engine is running. The system removes organic and inorganic fuel deposits that build up in fuel injectors, injection pumps and combustion chambers. Carbon, gum and varnish deposits in the entire upper engine are dissolved and removed during combustion, then passed through the exhaust.

- Variable pressure for diesel lift pumps up to 100psi or 6.8 bar
- Safely dissolves carbon deposits on diesel engines through exclusive soak mode
- Microprocessor-based controls for automatic operation
- Automatically maintains correct pressure and flow for worry-free operation
- Safe for use in all diesel engines, including heavy-duty truck applications
- Patented microprocessor for ease of use
- Lowers exhaust opacity and harmful emissions
- Automatically maintains correct pressure and flow for worry-free operation
- Exclusive soak mode for deep cleaning of the fuel delivery system
- Restores fuel economy and horsepower
- Extends fuel injector and fuel pump life

Model	DieselTune™
Input	12 VDC 6A
<b>Machine Dimensions</b>	
Height	99 cm (39")
Width	53.3 cm (21")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	36.3 kg (80 lbs)
New Fluid Capacity	17.4 L (4.6 gal)
Waste Tank Capacity	N/A
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)

**FOR USE WITH DIESELTUNE™**



**400-0010**  
**MOTORVAC® DIESELTUNE™**  
**MV3D**  
 Fuel System Cleaner and Engine Decarbonizer

- The CarbonClean Dual works with MV3 gas/ petrol concentrate and the MV3D diesel concentrate



**Dirty injectors impede flow and dispersion of fuel. Clean injectors improve fuel system efficiency and performance.**



## 500-1125B TRANSTECH™ IV+

Inline and Dipstick Automatic Transmission Fluid Exchange System  
The TransTech IV+ combines both Inline and Dipstick capabilities allowing for the two most common methods of ATF exchange from a single machine. With both Inline and Dipstick services together in one cabinet, the TransTech IV+ occupies reduced floor space with minimal investment while providing service to a wider variety of vehicles.

### Inline Exchange

This conventional ATF exchange method provides an effective transmission flush by connecting directly to the transmission cooler lines. New fluid flows through the transmission as old fluid is directed into the TransTech IV+ waste tank in a 1-to-1 ratio.

**Dipstick Exchange** - The TransTech IV+ features a convenient Dipstick option that allows an effective ATF exchange through the transmission dipstick tube. This useful alternative is suitable when cooler lines are corroded or difficult to access.

- **Automatic Inline Exchange** - Connect to a transmission cooler line and press one button—walk away until the service is complete
- **Dipstick Exchange** - A convenient dipstick tube exchange requiring no tools or adapters
- **Drain Pan Feature** - Allows operator to drain transmission pan for a convenient and mess-free filter change
- **Transmission Cooler Flush Feature** - Allows operator to flush transmission cooler and cooler lines
- **Patented Level Synchronization** - Ensures the transmission cannot be under or overfilled
- **Automatic Bypass** - Ensures that transmission will not run out of fluid during the exchange process
- **26 Quart New Fluid Reservoir** - Allows user to service large capacity transmissions
- **High Volume Pump** - For rapid and efficient service

Model	TransTech™ IV+
Input	12 VDC 8A
<b>Machine Dimensions</b>	
Height	99 cm (39")
Width	53.3 cm (21")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	40.8 kg (90 lbs)
New Fluid Capacity	24.6 L (26 qt)
Waste Tank Capacity	24.6 L (26 qt)
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)

## FOR USE WITH TRANSTECH™ IV+



### 400-1030AS MOTORVAC® UNIVERSAL ATF PROTECTANT

By using MotorVac Universal ATF Protectant, a full service facility can service virtually all vehicles by stocking only synthetic DEXRON® III and DEXRON® VI.

- Eliminates the need to stock multiple ATF types
- Prolongs transmission life by reducing excessive heat and friction
- Ensures smoother shifting and eliminates transmission shudder
- Conditions and restores seals and O-rings to help eliminate leaks



### 400-0137 MOTORVAC® TRANSTECH™ TT2K

2-Step Cleaning and Conditioning Kit

- Add the service chemical in through the dipstick

#### STEP 1 TT1 ATF Cleaner:

Removes varnish, sludge and contaminants that build up in the transmission.

#### STEP 2 TT2 ATF Conditioner:

Rejuvenates seals and reduces the possibility of leaks. The conditioner also reduces oxidation and heat-related breakdowns.

**500-1100B**  
**TRANSTECH™ III+**

**Inline Automatic Transmission Fluid Exchange System**

A complete professional inline automatic transmission fluid exchange system that is now even easier to use with our new automatic flow direction technology and our exclusive inline chemical treatment program. The TransTech III+ advanced electronic interface allows complete, “one touch” control. It even has a quick and easy “Drain Pan” function for spill free transmission filter changes during ATF exchange. The TransTech III+ connects through transmission cooler lines and provides a clean, environmentally-friendly and systematic approach to servicing automatic transmissions. The unit will flush virtually all of the old transmission fluid and replace it with the new fluid while controlling the flow automatically with the engine running.

- **Automatic Inline Exchange**  
 Connect to a transmission cooler line and press one button—walk away until the service is complete
- **Drain Pan Feature**  
 Allows operator to drain transmission pan for a convenient and mess-free filter change
- **Transmission Cooler Flush Feature**  
 Allows operator to flush transmission cooler and cooler lines
- **Patented Level Synchronization**  
 Ensures the transmission cannot be under or overfilled
- **Automatic Bypass**  
 Ensures that transmission will not run out of fluid during the exchange process

Model	TransTech™ III+
Input	12 VDC 8A
<b>Machine Dimensions</b>	
Height	99 cm (39")
Width	53.3 cm (21")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	66 cm (26")
Depth	53 cm (21")
Shipping Weight	39.5 kg (87 lbs)
New Fluid Capacity	24.6 L (26 qt)
Waste Tank Capacity	24.6 L (26 qt)
Length of Power Cord	3 m (10 ft)
Length of Hose	3 m (10 ft)
Warranty	One Year



**View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)**



**FOR USE WITH TRANSTECH™ III+**



**400-0137EU**  
**TRANSTECH™ ATF CLEANER AND PROTECTANT CARTRIDGES**

2-step inline kit



### 500-7050 STEERCLEAN™ 1000

A Fast and Efficient Power Steering Exchange Machine SteerClean is designed to exchange virtually all of a vehicle's power steering fluid in just 5 minutes with a few simple steps.

SteerClean can increase a shop's profits by reducing the time it takes to do a complete exchange and simplifies the process for the technician. This new turnkey PSF service center is easy to use with a one-touch control and provides a highly effective service for all automotive vehicles. The SteerClean System will ensure that you are conducting the best service possible.

Friction and heat in the power steering system causes oxidation that breaks down the fluid and its lubricating ability. This can accelerate wear in the pump, valves and gears and result in expensive repairs. Debris and contaminants in the power steering system can cause the valves and other components to stick, dry and worn out seals can lead to leaks, and foaming can lead to vibration in the system, all creating difficult steering and problems in the system. The SteerClean Service will improve the operation of the steering system and extend its life.

- Long wand allows for service on vehicles with remote reservoir
- Safe and effective preventive maintenance service to improve steering performance and extend component life
- The service can be performed safely and compatible with all domestic vehicles

Model	SteerClean™ 1000
Input	12 VDC 6A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	55.9 cm (22")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	109 cm (43")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	38.6 kg (85 lbs)
New Fluid Capacity	2 L (2.1 qt)
Waste Tank Capacity	3.8 L (1 gal)
Length of Power Cord	3 m (10 ft)
Length of Hose	2.7 m (9 ft)
Warranty	One Year

## FOR USE WITH STEERCLEAN™ 1000



### 400-1045 STEERCLEAN™ SCK1000

2-Step Cleaning and Conditioning Kit

**STEP 1** SteerClean Power Steering Flush Detergent removes varnish and sludge deposits to increase fluid circulation and extend component life. Promotes a better fluid exchange.

**STEP 2** SteerClean Power Steering Fluid Conditioner protects against wear and noise and helps keep the system clean after a service. Conditions seals to prevent potential leaks.



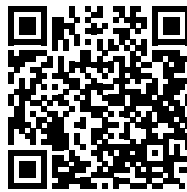
## COOLANTCLEAN™ III

Professional coolant exchange service in just minutes. The CoolantClean III exchanges virtually all of the used coolant mixture in a vehicle's cooling system in a few simple steps. The CoolantClean III coolant flush service can increase a shop's profits by reducing the time it takes to do a complete fluid exchange to approximately 15 minutes. Simply by connecting to the vehicle's upper radiator hose, the unit will flush virtually all of the old coolant and replace it with the new coolant

- Static or dynamic fluid exchange
- One switch, multi-function operation with "closed loop" mode at end of service
- Unique "vacuum switch" regulates system depressurization and fluid evacuation
- Complete flow synchronization maintains a 1-to-1 fluid ratio exchange
- Front panel controls all machine functions with pressure gauge and warning lights
- Industrial grade radiator hoses and adapters included to service most vehicles
- Dual pump operation (Air diaphragm pump pneumatic)
- Manual control ball valves
- Pressure is limited to 10 psi – if cap malfunctions, fluid will overflow into reservoir

**500-5100PD** With Standard Adapter Kit plus De-Gas and Coolant Flow Direction adapters

Model	CoolantClean™ III
Input	12 VDC 8A
<b>Machine Dimensions</b>	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")
<b>Carton Dimensions</b>	
Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	31.8 kg (70 lbs)
New Fluid Capacity	24.6 L (26 qt)
Waste Tank Capacity	24.6 L (26 qt)
Length of Power Cord	3 m (10 ft)
Length of Hose	2.4 m (8 ft)
Warranty	One Year



View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)



**200-8975**  
Coolant Flow Direction Adapter



**200-8715**  
De-Gas Adapter



## FOR USE WITH COOLANTCLEAN™ III



### 400-0138 COOLANTCLEAN™ CC2K

**2-Step** Cleaning and Conditioning Kit  
STEP 1 CC5 removes rust, scale, and other contaminants.

**STEP 2** CC6 contains rust and corrosion inhibitors which help to prevent deposits that can lead to overheating.



### 500-9025 DIFF-VAC™ 1000

Differential Exchange System

- Two 5 GPM diaphragm pumps allow for deep vacuum for extraction of high viscosity fluids regardless of temperature conditions

**Air operated** – no need to waste time locating and connecting to battery terminals

**Two dedicated pumps** – no cross contamination between used and new fluids

**Optional Drain Hose** – does not limit the amount of fluid that can be recovered

**Easy to operate** – does not require disconnection of lines or hoses

Model	Diff-Vac™ 1000
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Input	
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#### Machine Dimensions

Height	99 cm (39")
Width	53.3 cm (21")
Depth	48 cm (19")

#### Carton Dimensions

Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	19.5 kg (43 lbs)

New Fluid Capacity	2 L (2.1 qt)
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Waste Tank Capacity	3.8 L (1 gal)
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Length of Power Cord	3 m (10 ft)
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Length of Hose	2.4 m (8 ft)
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Warranty	One Year
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### 500-8100 BRAKEVAC™ II

Premium Brake Fluid Flush System

The BrakeVac II brake bleeder machine is a simple, user-friendly and efficient way to flush and bleed today's high-tech brake systems. This system can complete a full brake system flush in 10 minutes with only one operator, thereby lowering labor costs and maximizing profits.

- Performs brake flush using pressure and vacuum simultaneously
- Vacuum pump to easily remove fluid from brake fluid reservoir
- Complete brake system flush in just 10 minutes
- Pressure and vacuum assist, ensuring quick operation
- Adjustable pressure regulator controls operating pressure
- Drain switch to empty new fluid tank for changing to different brake fluids
- Easy to view tank allows for fast visual check of fluid in the reservoir
- Pressure and vacuum assist ensuring quick operation.
- Adjustable pressure regulator controls operating pressure

**500-8105** BrakeVac unit (without adapters)



View adapters by scanning or go to [cpsproducts.com](http://cpsproducts.com)

Model	BrakeVac™ II
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Input	12 VDC 15A
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#### Machine Dimensions

Height	96.5 cm (38")
Width	53.3 cm (21")
Depth	43 cm (17")

#### Carton Dimensions

Height	104 cm (41")
Width	61 cm (24")
Depth	48 cm (19")
Shipping Weight	38.6 kg (85 lbs)

New Fluid Capacity	3.8 L (1 gal)
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Waste Tank Capacity	3.8 L (1 gal)
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Length of Power Cord	42 cm (16.5")
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Length of Hose	29.2 cm (11.5")
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Warranty	One Year
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### 200-3118M

Standard Adapters (Included)



















\* BrakeVac II unit may also be purchased without adapters. Part number 500-8105. OEM specific adapters are available.



# MOTORVAC® Chemicals

	Part#	Description	Std Pack	ITF-14 Master Carton	UPC	Weight (lbs) Unit	Case	Length	Unit (inches) Width	Height	Case (inches) Length	Width	Height
		<b>400-0020</b> MotorVac® CarbonClean® MV3 (8 oz)	12	16286044000201	628604006329	0.55	6.95	2.25	2.25	5.63	7.25	9.25	6.25
		<b>400-0126</b> MotorVac® CarbonClean® MV3 (32 oz)	4	16286044001260	628604006343	2.05	8.70	2.88	4.00	8.25	7.00	8.75	9.00
		<b>400-0030</b> MV4 Intake Cleaning Detergent	12	16286044000300	628604006367	0.55	6.95	2.25	2.25	5.63	7.25	9.25	6.25
		<b>400-0050</b> MotorVac® CarbonClean® MV-5 (17 oz)	6	16286044000508	628604006961	1.25	7.90	2.75	2.75	8.50	8.00	5.75	9.00
		<b>400-0060</b> MotorVac® CarbonClean® MV-6 (16 oz)	6	16286044000607	628604006923	1.05	6.45	2.75	2.70	7.00	8.00	5.50	7.75
		<b>400-9900</b> 2-Part Fuel Kit	11	16286044099007	628604004226	1.80	20.37	2.75	6.00	8.25	13.50	12.50	8.50
		<b>400-9910</b> Complete Fuel System Kit	8	16286044099106	628604004226	2.15	18.14	2.75	8.00	8.25	13.50	12.50	8.50
		<b>500-0467</b> Motorvac GDI Induction Tool	1		628604027126								
		<b>400-2001</b> Fuel System Cleaner	12	16286044020018	628604004165	0.75	9.10	1.75	2.25	7.75	11.50	6.88	8.50
		<b>400-2018</b> Intake Cleaner	12	16286044020186	628604004189	0.35	4.85	2.13	2.13	5.25	9.50	7.00	6.75
		<b>400-0270</b> Concentrated Fuel Treatment	24	16286044002700	628604005407	0.15	3.75	1.25	1.25	4.25	5.50	8.00	5.00
		<b>400-0010</b> DieselTune MV3D	12	16286044000102	628604006305	1.0	12.6	2.75	2.75	7	8.5	11	8
		<b>400-0280</b> EGR System Cleaner <i>Not available in Canada</i>	12	16286044002809	628604008309	2.2	27.6	3.25	3.25	9	13.75	10.5	10
		<b>400-3022</b> Complete Fuel Supplement	12	16286044030222	628604001492	.75	9.3	1.75	2.25	7.75	10	8.5	8.5

# MOTORVA<sup>®</sup> Chemicals

	Part#	Description	Std Pack	ITF-14 Master Carton	UPC	Weight (lbs) Unit Case	Length	Unit (inches) Width Height	Length	Case (inches) Width Height
	 <b>400-3012</b>	Max Strength Fuel Injector Cleaner	12	16286044030123	628604001454	.70 8.95	1.75	2.25 7.75	10	8.5 8.5
	 <b>400-5000EU</b>	Engine Oil Cleaner	12	16286044050008	628604004646	1.05 12.75	2.75	2.75 6.75	11.25	8.50 7.75
	 <b>400-6220</b>	Engine Treatment	12	16286044062209	628604005049	0.90 10.91	1.75	2.25 7.75	11.50	6.88 8.50
	 <b>400-0137</b>	TT2K 2-Step Cleaning and Conditioning Kit	6	16286044001399	628604006381	1.05 6.90	2.25	4.50 5.63	7.50	9.25 6.25
	 <b>400-0137EU</b>	TransTech™ Inline Service Kit	3	16286044001376	628604004622	1.15 4.00	2.00	3.50 9.50	4.00	5.75 10.00
	 <b>400-1045</b>	2-Step Cleaning and Conditioning Kit	6	16286044010453	628604006442	1.10 7.25	2.25	4.50 5.63	11.50	6.88 8.50
	 <b>400-0138</b>	CC2K 2-Step Cleaning and Conditioning Kit	6	16286044001383	628604006404	1.15 7.35	2.25	4.50 5.63	7.75	9.25 6.25
	 <b>400-0501</b>	CarClean MiST Ultrasonic Solution	12	16286044005015	62860411828	0.30 3.65	2.00	2.00 4.50	12.75	4.75 5.00
	 <b>400-1054</b>	CoolSmoke Replacement Fluid with Dye	1		628604001287	0.45 -	1.25	3.50 6.00	-	- -









Advanced Tools  
Smart Solutions

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