

CPS®

2022 AUTOMOTIVE PRODUCT CATALOG



CPS®

VIEW

MOTORVAC®



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 MX 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.





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Reasons **Customers Choose** to Invest in a **MAXXAIR™** Series Unit



MX134 / R-134a Vehicles

Primary reasons customers purchased the MX134:

- Setup & training included
- Hybrid ready
- 1-2-3 warranty
- Fully automatic

Customers that purchased the MX134 also purchased:

- FX3030X1 – Filter maintenance kit
- MXXC – Machine cover
- A/C Database SD Card – Updates the vehicle A/C data to the last full production year

MX1234 / R-1234yf Vehicles

Primary reasons customers purchased the MX1234:

- Setup & training included
- Hybrid ready
- Includes Refrigerant ID
- 1-2-3 warranty
- Fully automatic

Customers that purchased the MX1234 also purchased:

- FX3030X1 – Filter maintenance kit
- MXXC – Machine cover
- A/C Database SD Card – Updates the vehicle A/C data to the last full production year

MX3030 / R-134a and R-1234yf Vehicles

Primary reasons customers purchased the MX3030:

- Setup & training included
- Dual refrigerant convertible
- Converts in ten minutes
- Includes Refrigerant ID
- Hybrid ready
- 1-2-3 warranty

Customers that purchased the MX3030 also purchased:

- FXP2 – FX3030 Accessory pack
- MXXC – Machine cover
- A/C Database SD Card – Updates the vehicle A/C data to the last full production year





CPS® brings you the latest to efficiently Recover, Recycle, and Recharge your customer's automotive A/C systems with a unit that can serve ALL refrigerant types.

FEATURES

- 7" Color touch screen control panel to allow quick access to all functions from the main screen
- Bluetooth/Wireless Adapters #TAC1100 (Optional) that enable complete pre- and post-service health checks of the system
- Refrigerant Management System monitors filter life and refrigerant usage
- One machine covers both R-134a and R-1234yf
- Includes Refrigerant ID
- Optional 50Lb tank available
- Conversion between refrigerants can be done in approximately 10 minutes
- Supports multiple languages/UOM
- Hose management built into the handle assembly
- Includes vehicle database for oil and refrigerant charging capacities
- Warranty: 1-year labor / 2-year parts / 3-year compressor

12.67cc (2/3 hp) Oilless Compressor

- Designed and built by CPS for high capacity commercial applications
- Eliminates failure issues due to improper oil filling of traditional compressors

Motor-Controlled Ball Valves

- Opens wider for greater flow
- Resistant to clogging of debris or sealants
- Faster recovery and tank fill

SPECIFICATIONS

- Thermal Printer (Optional)
- Wi-Fi printer capable
- Heater Blanket #AR27XHB115 (Optional). Reduces recharge time in colder weather
- Dual 30Lb tanks
- Recovery rate = Up to 1 lb/min
- 2 CFM vacuum pump
- 3.5" gauges
- 10' power cord
- 10' hoses
- 115v, 850 W



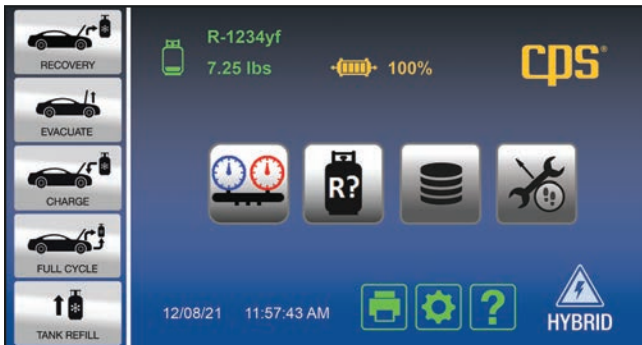
MX3030
(R-134a/R-1234yf)

Highlighted Features

1. Touch-screen LCD Display
2. High-side Gauge (Analog)
3. Low-side Gauge (Analog)
4. Storage for Small Tools or Fittings
5. 4" Total Locking Swivel Casters
6. 10" Foam-Filled Wheels

Replacement Parts and Accessories on pages 18-19.

7" TOUCH SCREEN DISPLAY



MX3030 Home Screen features Five Selectable Functions along with touch keys and information icons.



Refrigerant Change Screen: select Refrigerant Change key (highlighted) and follow onscreen instructions to change refrigerant.

MAXIMIZE YOUR PRODUCTIVITY AND EARNINGS!



MX134 (R-134a)

MX1234 (R-1234yf)

Efficiently Recover, Recycle and Recharge your customer's automotive A/C systems with machines that are built to last!



MX3030 (R-134a/R-1234yf)

Part Number	Certification	Refrigerant	Dimensions				UPC	HTC
			H (in)	W (in)	D (in)	Weight (lbs)		
MX134	SAE J2788	R134a	43	22	27	208	750377120299	8415.83.0090
MX1234	SAE J2843	R1234yf	43	22	27	208	750377120305	8415.83.0090
MX3030	SAE J3030	R134a/R1234yf	44	23	28	233	750377120312	8415.83.0090

MAXXAIR™ REPLACEMENT ITEMS

FX3030X1	MX Series Maintenance Kit – Includes Filter, Vacuum Pump Oil and Coupler O-Rings
FX3030X2	MX Series Oil Drain Bottle Assembly
FX3030X18	MX Series 10' Low Side Service Hose – MX3030
FX3030X19	MX Series 10' High Side Service Hose – MX3030
FX3030X52	MX Series 10' Low Side Service Hose – MX3030
FX3030X53	MX Series 10' High Side Service Hose – MX3030
AR2788X14A	FX Series Tank refill hose – MX134a
RIXF	Refrigerant ID Filter
RIXOS	Ref. ID Oxygen Sensor
RIXFR	Ref. ID pre-filter with tube
QCL134	CPLR R134A LO 14mm PREM
QCH134	CPLR R134A HI 14mm PREM
ARXF5	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 MX1234

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



ACDB21 A/C DATABASE SD CARD

A/C Capacity Database for MX Series

MXXC MX SERIES DUST COVER

Durable, water-repellant, fitted nylon cover.



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.

AR2700 FEATURES

- 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

AR2700 MODELS

- **AR2700M** (Multiple Refrigerants) Comes with Condenser and VP6SU-FA, 6CFM Vacuum Pump, tank heater blanket and ARX134T 50# Tank with purge port
- **AR2700TA** Large Capacity Applications using a JB DV-200N, 7CFM Vacuum Pump
- **AR2700TA10** Comes with JB DV-285N, 10CFM Vacuum Pump, VG200 Vacuum Gauge and Switch for Heater Blanket and includes 90# tank

Replacement Parts and Accessories on pages 18-19.

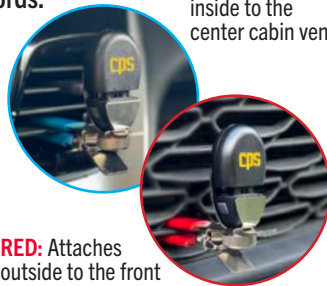
TACI100 CARSMART™ A/C INSPECTOR TEMPERATURE PROBES (OPTIONAL ACCESSORY)

Within minutes, CarSmart™ A/C Inspector can indicate if the A/C system is operating within OEM specifications by comparing the outside air temperature at the condenser to the interior air temperature coming from the center cabin vent.

Accurately Measures and Records:

- Interior air temperature
- Exterior air temperature
- Relative Humidity

BLUE: Attaches inside to the center cabin vent



RED: Attaches outside to the front grille near condenser

Information is displayed on the CPS CarSmart™ App and can be exported to email, printer or another program.



TACI100 CARSMART™ A/C INSPECTOR

- Includes convenient carrying case with color-coded automotive psychrometers.



CPS® RECOVER, RECYCLE, RECHARGE SYSTEM



Unit is only for sale outside the 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).

FA MODELS

- FA1000** R-134a
- FA1234** R-134a & R-1234yf (Not available in U.S.)



Replacement Parts and Accessories on pages 16-17.



**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



REFRIGERANT RECOVERY TANKS

- 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

CRX430T (30LB TANK)

CRX430TB (40/PALLET)

CRX400T (50LB TANK)

CRX400TB (24/PALLET)



**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

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



**AFMSF
CPS® SUPREME FLUSH**

Specially formulated with a proprietary chemistry to remove common system contaminants



REFRIGERANT MANAGEMENT CENTERS



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®

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

Pro-Set® Premium Vacuum Pump Oil is an extremely high quality, severely hydro-treated vacuum pump oil and can be used 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, 6/Case) | VPOG | (1 Gallon) |
| VPOQ12 | (1 Quart, 12/Case) | VPOQ | (1 Quart) |
| VPOP12 | (1 Pint, 12/Case) | VPOP | (1 Pint) |

Model	Dual Stage			Single Stage	
	 VP6D	VP10D	VP12D	 VP6S	VPC4SU (Compact)
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

COMPUTE-A-CHARGE®

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 R134A, R1234YF 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 16-17..



UVMINI

CLIP-ON UV LIGHT

Proprietary “Clip-On” chassis for attachment to electronic leak detectors, video borescopes and extension type devices that measure ¼” to 3/8” in diameter.

Replacement Parts and Accessories on pages 16-17..



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



TLMIR2

- 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



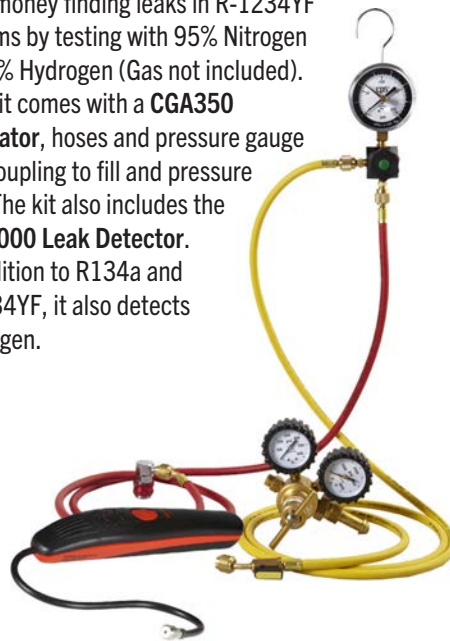
BRRN1
NITROGEN REGULATOR

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



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.



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



Built-in LED Light

K-Type Input

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 – 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

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

Optional

- AVT45SS** – Stainless Steel Adapter
- VGXH** – Swivel Hanging Hook
- VGXC** – Padded Vinyl Storage Case



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" RUBBER BOTTOM TOOL ORGANIZER



cps®

VACUUM GAUGES & TOOL BAGS



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”



1/4” SAE CHARGING HOSES

Size	Features	3-Pack	Blue	Red	Yellow
3ft		HS3	HS3B	HS3R	HS3Y
	(ABB)	HS3A	HS3BA	HS3RA	HS3YA
	(BV)	HS3E	HS3BE	HS3RE	HS3YE
5ft		HS5		HS5R	HS5Y
	(ABB)	HS5A	HS5BA	HS5RA	HS5YA
	(BV)	HS5E	HS5BE	HS5RE	HS5YE
	(IBV)	HS5L			
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	3-Pack	Blue	Red	Yellow
3ft			HA3B	HA3R	HA3Y
	(ABB)	HA3A	HA3BA	HA3RA	HA3YA
5ft		HA5			HA5Y
	(ABB)	*call			HA5YA
	(IBV)	*call		HA5RL	
6ft		HA6	HA6B	HA6R	HA6Y
	(ABB)	HA6A			HA6YA
8ft		HA8	HA8B	HA8R	HA8Y

(ABB) = Anti-Blowback

(BV) = Ball Valve

(IBV) = Inline Ball Valve

Replacement Parts and Accessories on pages 18-19.

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 1/4”SAE to R-134a
- 1/4”SAE male thread
- Six latching balls provide superior alignment

QCL14 Low Side

QCH14 High Side

R-1234YF



- HF01234YF manual coupler set
- 12mm female
- Six latching balls provide superior alignment

QC1234SET Both

QCL1234 Low Side

QCH1234 High Side

R-1234YF



- Manual coupler set with AD84L adapter fitting used to convert 1/4”SAE to HF01234YF
- 1/4”SAE male
- Six latching balls provide superior alignment

QC123414SET Both

QCL123414 Low Side

QCH123414 High Side

R-1234YF



- Manual coupler set with AD14 adapter fitting used to convert R-134a to HF01234YF
- 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 & Auto R-134a Valves)



TLVC810 VALVE CORE REMOVER AND INSTALLER

R-134a 8/10mm

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

MANIFOLD AND GAUGES	
MVXKC	BLACKMAX Series manifolds with Vortech valves Replacement valve handle (chrome/metal) 
MXPKC	BLACKMAX Replacement Valve Handle (Chrome)
M2XHA	Pro-Set/ Vortech valve manifold bodies 2-way hose anchor bracket for 
M2XRK	Diaphragm valve repair kit: services two valves 
M4XRK	Diaphragm valve repair kit: services four valves 
M4XHA	4-Way hose anchor bracket for Vortech valve manifolds 
MV2XRK	Vortech valve repair kit: services two valves
MVXK	Plastic replacement valve handle with color inserts for Vortech valves 
MXPK	Plastic Replacement Valve Handle for Triple Seal Valves 
MXPV	Triple Seal Complete Piston Valve Assembly 
MXPVO	Triple Seal piston valve seals only repair kit: services two valves 
RGX68BB	2.5" / 68mm Blue Protective Rubber Gauge Boot 
RGX80BB	3 1/8" / 80mm Blue Protective Rubber Gauge Boot
RGX68RB	2.5" / 68mm Red Protective Rubber Gauge Boot 
RGX80RB	3 1/8" / 80mm Red Protective Rubber Gauge Boot
RGX68L	2.5" / 68mm Gauge Lens 
RGX80L	3 1/8" / 80mm Gauge Lens
QCX0	High and low side O-Rings for Premium Couplers QCH90/ QCL90 
QCXR34	High and low side O-Rings for Premium Couplers QCH14/ QCL14 

CHARGING HOSES		
HX38G	3/8" SAE Hose Gaskets, Pack of 10	
HXG	1/4" SAE Replacement Hose Gaskets B426, Pack of 10	
HXD	1/4" SAE Hose Core Depressor, Pack of 10	
HXGA	Replacement Gaskets for 1/4" SAE ABB Fittings, Pack of 6	
HXTG	1/4" SAE Teflon Replacement Hose Gaskets, Pack of 10	
HXGD	1/4" SAE Hose Gaskets & Core Depressors, Pack of 6 ea.	
HXGD2	1/2" ACME, 5/16" (1/2"-20 UNF) Gaskets & Core Depressors, Pack of 6 ea.	
HXKIT	Charging Hose Maintenance Kit	
ELECTRONIC LEAK DETECTION		
LS2XF	Replacement sensor filters for the LDA1000 (pack of 10)	
LS2XVF	Replacement vapor filter sensing tip for LDA1000H	
EMOS2	Replacement sensor for the LDA1000H	
LSXBMK	Maintenance kit for LS780B, LS790B; Includes: (2) LSXS & (1) LSXSF	
LSXMK	Maintenance kit for LS780A, LS790A; Includes: (2) LSXS & (1) LSXVF	
LSXS	Ion-pump sensor for LS780A, LS780B, LS790A & LS790B	
LSXS3	Replacement CCD sensor for the LS3000 & LS3000B	
LSXSF	Selective filter housing for LS780B & LS790B	

WORKLIGHTS		
TLXWL132CH12	12V battery charger for TLWL132R	
TLXWL132CLIP	Light holding clips for TLWL132R	

UVIEW





BUILT BY TECHNICIANS, FOR TECHNICIANS.

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



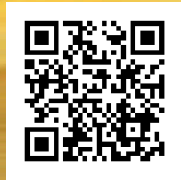
SMALL ADDITIVE PACKAGE.

BIG DIFFERENCE. SAME DOSE.

DO MORE WITH YOUR DYE

CERTIFIED TO SAE
STANDARDS

1234YF
COMPATIBLE
& HYBRID



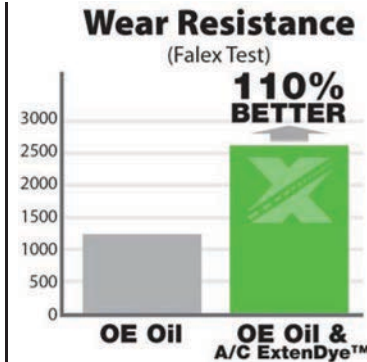
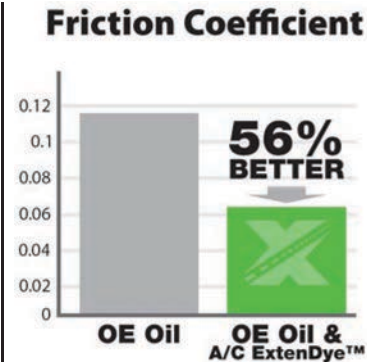
Check out our video
to learn more here!



DETECT • ENHANCE • EXTEND

Super-concentrated UV dye	Friction modifier	Anti-wear additive	Antioxidant
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.	Increases lubricity (less friction) of the compressor oil, improving efficiency (friction coefficient) by over 50% and improving fuel economy.	Creates a film that prevents 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.

Fluorescence
A/C ExtenDye fluoresces brighter than the competition



When combined, we refer to this exciting new additive package as QuietCool™ Technology.

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 the following page.



A/C EXTENDYE™ LEAK DETECTION DYES

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
A/C ExtenDye®													
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
Universal A/C Dye													
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 0.06oz	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
Multi-Purpose Dye													
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 – industrial use	1 gal	1	628604003106	5.50	5.50	12.00	7.30	N/A				
Coolant Dye													
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**



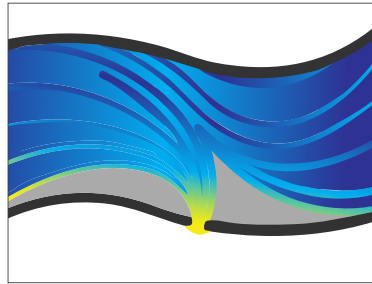
**COMPATIBLE WITH R-134A
AND R-1234YF SYSTEMS**

**YOUR
BEST
LINE OF
DEFENSE**



A/C SEALANT

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



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

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



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



LEAKGUARD™ A/C SEALANT

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
LeakGuard™													
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.	2x 1 oz 1x .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
A/C Sealants													
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

VIEW 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
A/C Oil Bottles													
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

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 (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



VIEW LEAK DETECTION KITS

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	R-1234yf	8 oz / 240 mL	628604005964	13.75	8.25	2.13	2.86
471500YF* Need #471535 for R134A application		A/C ExtenDye	R-1234yf	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	R-1234yf	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, R-1234yf	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	R-1234yf	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+GuardTM OneShot

With A/C EXTENDYETM

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



HYBRID READY



INCLUDES

LeakGuard TM Technology		A/C ExtenDye TM			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

Emerging Technologies

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

With all the changes, choosing the right A/C 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 A/C 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 25)






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 29)



Part No.	Description	Unit Size	Std Pack	UPC	Unit (inches & lbs)				ITF-14 Master Carton	Case (inches & lbs)			
					Length	Width	Height	Weight		Length	Width	Height	Weight
Spotgun A/C Oil Cartridges													
 488046YF*	PAG 46 1234yf	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
NEW! Spotgun Jr. A/C Oil Cartridges													
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 1234yf	1 oz	4	628604009023	1.00	1.00	2.00	0.10	16286043990473	6.50	2.20	1.20	0.4

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!



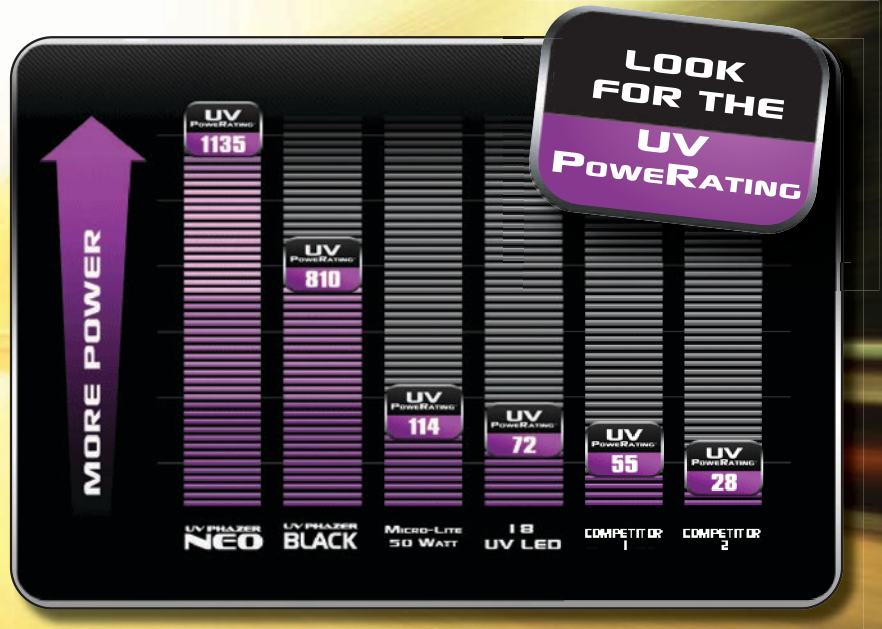
High Output True UV LED™
UV light fluoresces dyes brighter and provides more contrast than blue LEDs, making leaks easier to find and reduces inspection time.



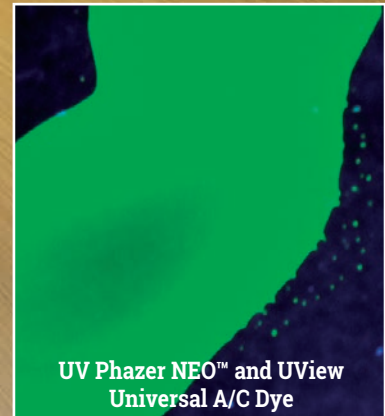
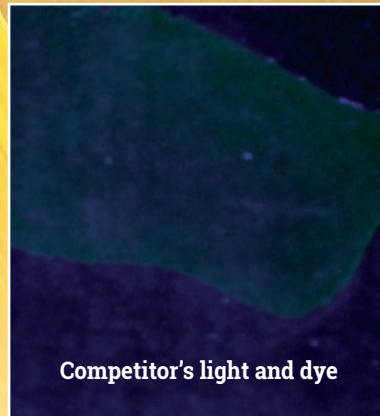
Constant power output ensures the light produces peak output, regardless of battery charge.



Adjustable Lens Focus allows for focusing light intensity



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.



ACTUAL PHOTOS (images have NOT been enhanced.)

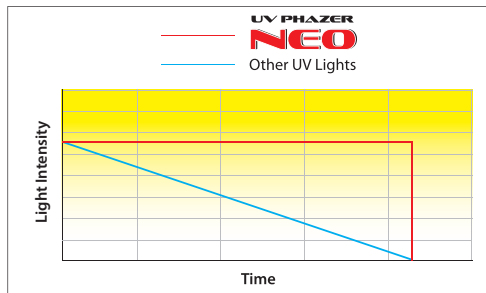
UV DETECTION LIGHTS

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



413025
UV PHAZER™ NEO™ UV LEAK DETECTION LIGHT

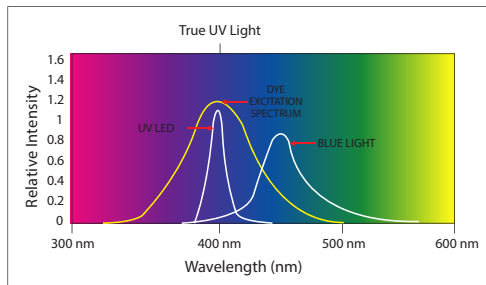
Powered by
LI-ION
 Technology



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.



413065
UV PHAZER™ BLACK UV LEAK DETECTION LIGHT
 (Rechargeable Li-Ion) pictured above

Powered by
LI-ION
 Technology



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



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)

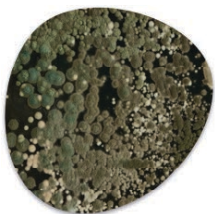
Replacement Parts and Accessories on pages 38-39.

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

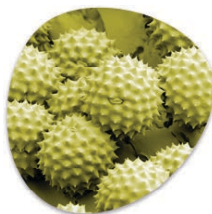
Improve In-Car Air Quality for the
Well-Being of Drivers and Passengers

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



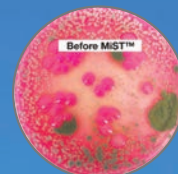
Removes
Pollen



Removes
Mildew



MIST VENT SAMPLES
BEFORE & AFTER



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 Starter Pack**
- MiST™ Ultrasonic Cleaning Unit
 - (2) Cases of 12 MiST™ Ultrasonic Cleaning Solution

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 No.	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 Sol.	12	32	750377119750									



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.



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 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






Replacement Parts and Accessories on pages 38-39.









VACUFILL™

UViEW Replacement Parts & Accessories

UV LEAK DETECTION





















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

COOLING SYSTEM TOOLS (AIRLIFT, AIRLIFT II)

550510	Venturi Assembly (Airlift™)	
550530	Fill Hose Assembly (Airlift™)	
550535	(4) Rubber Stoppers (Airlift™)	
550537	Universal Cone Adapter (Airlift™)	
98037000	Vacuum Gauge (Airlift™)	
98037025	Vacuum Gauge (1.5") (Airlift™ II)	
98037030	Ball Valve (Airlift™)	

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

VIEW Replacement Parts & Accessories

VACUFILL COOLANT EXCHANGER			LEAK GUARD		
98067750	Extension Tube Assembly		98010385	R-12 Application Hose for the A/C Stop Leak (0.25" FFL)	
98063310	O-Ring Repair Kit		98037169	A/C Charge Hose - Low side R-134a	
98063320	Fill Tank and O-Rings		MIST™ UNIT		
UV LEAK DETECTION AND A/C DYE KITS (Spotgun, Spotgun Jr. & ECO-Twist)			98002351	MiST piezo repair kit (serial numbers prior to 11000)	
471535	R-134a Hose/Coupler: Twister & Spotgun™ Systems		98002340	Fan with Waterproof Connector	
471536	High Side Adapter: R-134a		98002350	MiST fan repair kit (serial numbers prior to 11000)	
471546	Spotgun™ Jr. R-134a Hose/Coupler		99090575	MiST™ POS Consumer Cards	
982564	Service Stickers: Strip of 32		590155	MiST™ Battery Extension Cord	
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				



REPLACEMENT PARTS / ACCESSORIES

MOTORVAO[®]

Your partner in preventive maintenance™



**EQUIPMENT & CHEMICAL DIAGNOSTIC
& MAINTENANCE SOLUTIONS**

**ISO 9001
CERTIFIED**

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



200-0150
Turbo Adapter Kit



Model	Cool Smoke® HP
Input	12 to 24 VDC 1A (not polarity dependent)
Machine Dimensions	
Height	33 cm (13")
Width	28 cm (11")
Depth	46 cm (18")
Carton Dimensions	
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

FOR USE WITH COOLSMOKE® 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)



WV608
VACUTEC® LEAKFINDER®
 Diagnostic Smoke® Vapor Machine with
 UltraTraceUV® Dye Solution

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 (0.080"), small (0.040") and very small (0.020") leaks. Capable of detecting leaks smaller than 0.010"
- Non-smoke 'Test' mode (in addition to smoke mode)
- Smoke Flow Volume Control

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

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



WV608 VACUTEC® LEAKFINDER® with included accessories (see pages 43, 44 and 46 for product descriptions).

Model	VACUTEC® LEAKFINDER® WV608
Power Supply	12 VDC
Power Consumption	15 amps

Machine Dimensions / Weight	
Height	13.5 in (34 cm)
Width	9 in (23 cm)
Length	13 in (33 cm)
Weight	10.5 lb (4.8 kg)
Shipping Weight	13.5 lb (6.1 kg)

Machine Specifications	
Solution Max. Volume	12 oz (355 ml)
Supply Pressure	17 in H ₂ O (42 mbar/kPa 4.2)
Supply Volume	10 liters/minute
Smoke Supply Line	8 ft (2.4 m)
Power Supply Line	8 ft (2.4 m)



**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 and 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 EVAPPro 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
Machine Dimensions	
Height	29.2 cm (11.5")
Width	34.3 cm (13.5")
Depth	28 cm (11")
Carton Dimensions	
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



VAPOR TECHNOLOGY

FOR USE WITH COOLSMOKE® 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)

WVA-096 In use

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

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



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-098 BLADDER REPLACEMENT

- Fits WVA-096



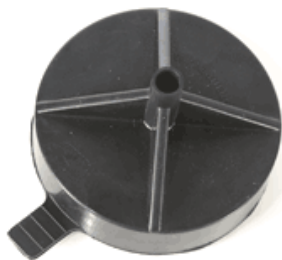
BRILLIANTLY SIMPLE AND REUSABLE!
SAVE MONEY, NO COSTLY REPLACEMENT SEALS NEEDED —
USE WITH ANY SMOKE MACHINE OR OTHER LEAK
DETECTION DEVICE



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**



VAPOR TECHNOLOGY

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
	Gamma GDi 1.6	1591 cc	067-1720
Hyundai/Kia	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

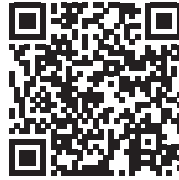
DIESELTUNE™ EGR CLEANING TOOL

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



View adapters by scanning or go to cpsproducts.com



Model	DieselTune™ EGR Cleaning Tool
Input	N/A
Machine Dimensions	
Height	40.6 cm (16")
Width	19 cm (7.5")
Depth	19 cm (7.5")
Carton Dimensions	
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

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



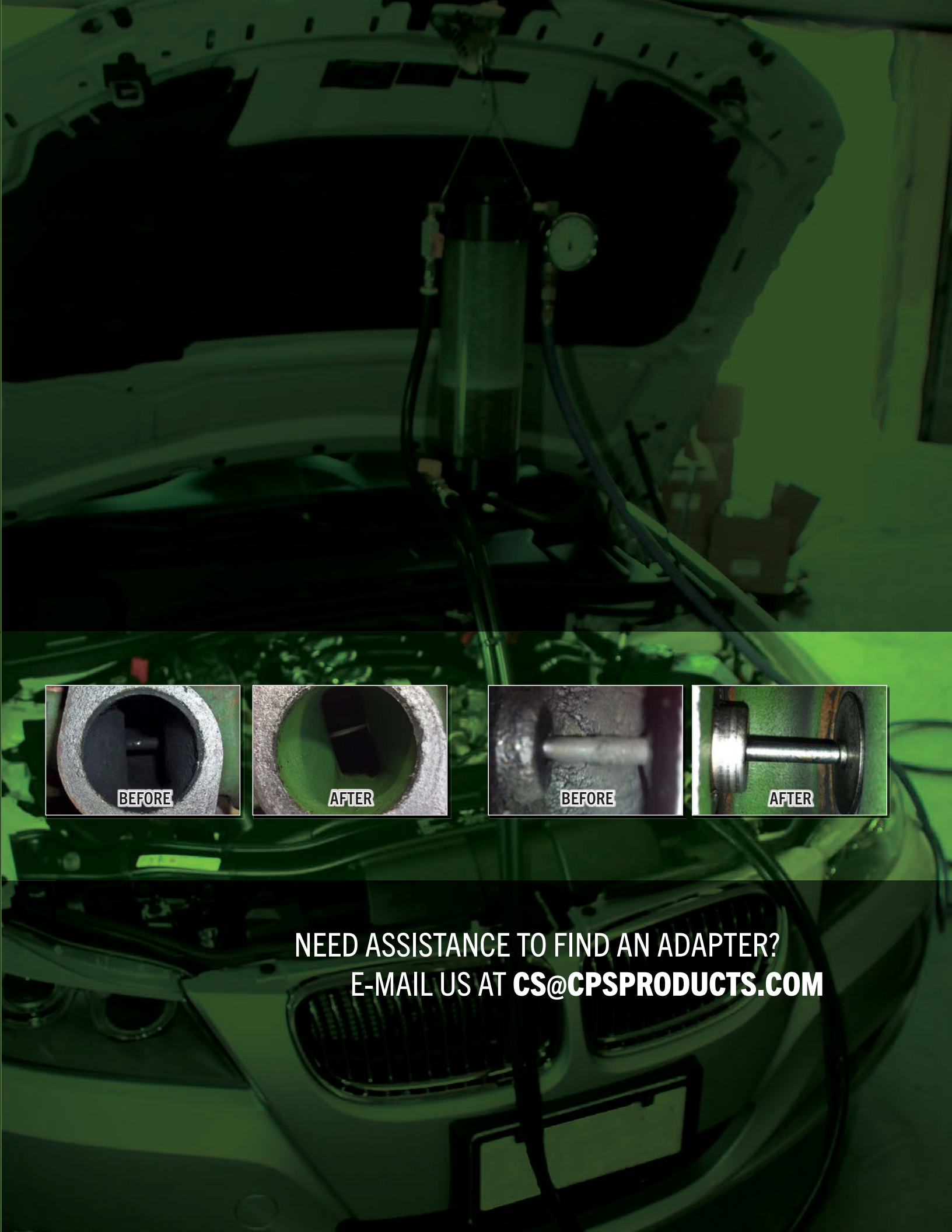
400-3022
MOTORVAC® COMPLETE FUEL SUPPLEMENT

- 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



NEED ASSISTANCE TO FIND AN ADAPTER?
E-MAIL US AT 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.

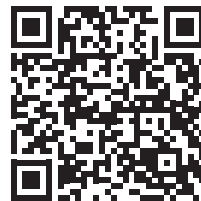
- Unique time saving adapter system makes connecting to the rail simple and fast
- Premixed **MV5 – 400-0050** detergent solution utilizes proprietary CarbonClean® chemistry
- Provides fuel pump performance diagnostic capabilities as well as fuel system functionality
- Online application guide



Online MotorVac™ Application Guide

Scan the QR code or enter URL to view step-by-step instructions.

URL: motorvacapplicationguide.com



Scan to view adapters or go to: cpsproducts.com

Model	CarbonClean® 1000
Input	12 VDC 1A
Machine Dimensions	
Height	99 cm (39")
Width	28 cm (11")
Depth	43 cm (17")
Carton Dimensions	
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



200-0122
S Tool



300-3200
Dust Cover

FOR USE WITH CARBONCLEAN® 1000



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



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

MOTORVAC

CARBONCLEAN® 1000

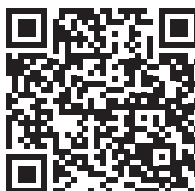


500-0245

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



Scan to view adapters or go to cpsproducts.com

Model	CarbonClean® 245
Input	12 VDC 6A
Machine Dimensions	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")
Carton Dimensions	
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



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

MOTORVAC

CARBONCLEAN® 245

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
Machine Dimensions	
Height	99 cm (39")
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	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



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.

MOTORVAC

DIESELTUNE™

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

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Model	TransTech™ IV+
Input	12 VDC 8A
Machine Dimensions	
Height	99 cm (39")
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	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

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
Machine Dimensions	
Height	99 cm (39")
Width	53.3 cm (21")
Depth	43 cm (17")
Carton Dimensions	
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

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
Machine Dimensions	
Height	96.5 cm (38")
Width	55.9 cm (22")
Depth	43 cm (17")
Carton Dimensions	
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.

MOTORVAC

STEERCLEAN™ 1000

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
Machine Dimensions	
Height	96.5 cm (38")
Width	58.4 cm (23")
Depth	43 cm (17")
Carton Dimensions	
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



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
Input	
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)
Waste Tank Capacity	3.8 L (1 gal)
Length of Power Cord	3 m (10 ft)
Length of Hose	2.4 m (8 ft)
Warranty	One Year

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)

Model	BrakeVac™ II
Input	12 VDC 15A
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)
Waste Tank Capacity	3.8 L (1 gal)
Length of Power Cord	42 cm (16.5")
Length of Hose	29.2 cm (11.5")
Warranty	One Year



View adapters by scanning or go to cpsproducts.com

200-3118M





























Standard Adapters (Included)

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





















DIFF-VAC™ 1000 / BRAKEVAC™ II

MOTORVA® Chemicals

	Part#	Description	Std Pack	ITF-14 Master Carton	UPC	Weight (lbs)		Unit (inches)			Case (inches)		
						Unit	Case	Length	Width	Height	Length	Width	Height
	 400-0020	MotorVac® CarbonClean® MV3 (8 oz)	12	16286044000201	628604006329	0.55	6.95	2.25	2.25	5.63	7.25	9.25	6.25
	 400-0126	MotorVac® CarbonClean® MV3 (32 oz)	4	16286044001260	628604006343	2.05	8.70	2.88	4.00	8.25	7.00	8.75	9.00
	 400-0030	MV4 Intake Cleaning Detergent	12	16286044000300	628604006367	0.55	6.95	2.25	2.25	5.63	7.25	9.25	6.25
	 400-0050	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
	 400-0060	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
	 400-9900	2-Part Fuel Kit	11	162860440099007	628604004226	1.80	20.37	2.75	6.00	8.25	13.50	12.50	8.50
	 400-9910	Complete Fuel System Kit	8	162860440099106	628604004226	2.15	18.14	2.75	8.00	8.25	13.50	12.50	8.50
	 500-0467	Motorvac GDI Induction Tool	1		628604027126								
	 400-2001	Fuel System Cleaner	12	16286044020018	628604004165	0.75	9.10	1.75	2.25	7.75	11.50	6.88	8.50
	 400-2018	Intake Cleaner	12	16286044020186	628604004189	0.35	4.85	2.13	2.13	5.25	9.50	7.00	6.75
	 400-0270	Concentrated Fuel Treatment	24	16286044002700	628604005407	0.15	3.75	1.25	1.25	4.25	5.50	8.00	5.00
	 400-0010	DieselTune MV3D	12	16286044000102	628604006305	1.0	12.6	2.75	2.75	7	8.5	11	8
	 400-0280	EGR System Cleaner Not available in Canada	12	16286044002809	628604008309	2.2	27.6	3.25	3.25	9	13.75	10.5	10
	 400-3022	Complete Fuel Supplement	12	16286044030222	628604001492	.75	9.3	1.75	2.25	7.75	10	8.5	8.5

MOTORVA[®] Chemicals

Part#	Description	Std Pack	ITF-14 Master Carton	UPC	Weight (lbs)		Unit (inches)			Case (inches)		
					Unit	Case	Length	Width	Height	Length	Width	Height
  400-3012	Max Strength Fuel Injector Cleaner	12	16286044030123	628604001454	.70	8.95	1.75	2.25	7.75	10	8.5	8.5
  400-5000EU	Engine Oil Cleaner	12	16286044050008	628604004646	1.05	12.75	2.75	2.75	6.75	11.25	8.50	7.75
  400-6220	Engine Treatment	12	16286044062209	628604005049	0.90	10.91	1.75	2.25	7.75	11.50	6.88	8.50
  400-0137	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
  400-0137EU	TransTech™ Inline Service Kit	3	16286044001376	628604004622	1.15	4.00	2.00	3.50	9.50	4.00	5.75	10.00
  400-1045	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
  400-0138	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
  400-0501	CarClean MiST Ultrasonic Solution	12	16286044005015	62860411828	0.30	3.65	2.00	2.00	4.50	12.75	4.75	5.00
  400-1054	CoolSmoke Replacement Fluid with Dye	1		628604001287	0.45	-	1.25	3.50	6.00	-	-	-

MOTORVA[®]

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CPS PRODUCT GUARANTEE

CPS® guarantees all products are free of manufacturing and material defects up to 1 year from the date of purchase. If a product should fail during the guarantee period due to defective material or workmanship, it will be repaired or replaced (at our office) at no charge to customer. This guarantee does not apply to products that have been altered, misused, or are in need of field service maintenance. All repaired products will carry an independent 90-day warranty.