

BEAT THE HEAT 23

A/C PRODUCTS

2023 Special Edition

TOOLWEBSM MOBILE SPECIAL EDITION

cps[®]



CPSMX1234

MAXXAIR Series MX1234 Recover, Recycle and Recharge Machine for R1234YF Refrigerant

- Compatibility with electric and traditional engine driven compressors patented Oilless Compressor
- Wifi/Bluetooth Enabled

CPSMX134

MAXXAIR Series MX134 Recover, Recycle and Recharge Machine for R134A Refrigerant

- Compatibility with electric and traditional engine driven compressors patented Oilless Compressor
- Wifi/Bluetooth Enabled



Utility Blower Fans

- For indoor or outdoor use
- 3 speed with 4-position adjustment for centralized airflow and quick drying
- 1 year warranty

KTI77700 (1200 CFM)

KTI77702 (300 CFM)



24" Direct Drive Industrial Tilting Drum Fans

- 1/2 HP energy efficient motor
- 2 Speed motor
- 6940 cfm (High)
- 5,250 cfm (Low)
- 3-blade aluminum design provides even airflow for quiet operation
- 1 Year Warranty

KTI77740 (Yellow)

KTI77741 (Black)



Oscillating 30" Pedestal Industrial Fans

- 1/2 HP energy efficient motor
- 3-Speed motor
- 5320 cfm (High)
- 4272 cfm (Medium)
- 2880 cfm (Low)
- Height adjustment up to 76"
- 1 Year Warranty

KTI77730 (Non-Oscillating)

KTI77734 (Oscillating)



RECOVERY/RECYCLE/RECHARGE/ MACHINES

cps®



R1234YF

CPSMX1234

MAXAIR Series MX1234 Recover, Recycle and Recharge Machine for R1234YF Refrigerant

- Compatibility with electric and traditional engine driven compressors
- patented Oilless Compressor
- Wifi/Bluetooth Enabled
- SAE J2843

CPSMXXC

MAXAIR Series RRR Dust Cover Cover

CPSMX3030

A/C RRR Management System for R134A and R1234YF Refrigerant Systems

- New heavy duty design
- Converts in approximately 10 minutes
- Oilless compressor
- Motor controlled valves
- Refrigerant ID included
- Wi-Fi/ Bluetooth enabled



MAHLE



Service Solutions

MSSACX2250

A/C RRR Machine R1234YF

- Fully automatic
- Intuitive navigation with 7" capacitive touchscreen LCD display
- LED status indicator light signals when service is complete and is visible from anywhere in the shop
- Software updates are downloaded automatically via wireless communication features

MSSACX2280

A/C RRR Machine R1234YF

- Remote support for Technicians - allows MAHLE to connect to a unit over WiFi for troubleshooting and advanced support
- iOS and Android capable phone app allowing remote service session mirroring and advanced functions
- Integrated refrigerant identifier
- Permanent wireless software updates



Mastercool® Inc.
"World Class Quality"

MSCCOMD-RRR-KIT Mastercool® AC Combo Kit

- Commander 3000 R134A Standard and Hybrid machine
- Commander 4000 R1234YF Standard and Hybrid machine
- 6 CFM vacuum pump on both machines
- Automatic and Manual modes on both machines
- Real time communication on both machines



MSCCOMD-RRR-KIT-2 Mastercool® AC Combo Kit 2

- One MSCCOMMANDER2000 R134A AC RRR Machine
- One MSCCOMMANDER4000 R1234YF AC RRR Machine
- Two free refillable universal dye/oil injectors MSC53123-YF
- 8" color command center with touch screen



MSCCOMD-RRR-KIT-3 Mastercool® AC Combo Kit 3

- Powerful windows based tablet, making database and software upgrades a breeze
- Wi-Fi capability allows for real time, interactive communication
- Pre-installed team viewer program lets our technicians access any machine throughout the world to aid with any troubleshooting issues



MSCCOMMANDER4000

SAE Certified R1234YF RRR Machine with Identifier

- Touch screen color command center
- Thermal printer
- Hybrid and standard 1234YF vehicles
- Features also include Wi-Fi capable, auto diagnostic check, auto vacuum leak check, auto oil discharge, auto air purge, tank heater and multiple languages
- 1 year warranty on material and workmanship



MSCCOMD1-FLTRPK Filter Pack for Commanders

- Filter pack for Commanders 4000, 4000-X and all 220V models
- Contains dryer for all 4000 models



R1234YF

ROBINAIR®

ROBAC1234-9 CONNECTED R1234YF ACS Machine

- New 10" capacitive LCD touch screen and intuitive user interface makes navigation much easier and beginning service quicker
- Incorporated Wi-Fi and Bluetooth wireless technology enable many new features and capabilities making this the most advanced A/C RRR machine on the market today
- Automatic updates ensure your machine always has the most current software, as well as access to new features and capabilities as they become available
- Service data management and machine metrics can be retained and stored allowing for proactive service reminders, refrigerant use tracking and reporting, or recalling prior vehicle services performed by the ACS machine



ROBAC1234-4 PREMIER R1234YF Recover, Recycle and Recharge Machine

- 4.3" LCD Display



ROBAC1234-4SL PREMIER R1234YF, Recycle and Recharge Machine for Mobile Service

- With Scale Lock and Extra-Long 12' Hoses
- The mechanical scale lock eliminates the need to recalibrate your refrigerant scale after transporting the machine long distances, saving time. Accessible from outside the machine, the lock secures the scale, preventing damage or inaccurate refrigerant measurement. The internal tank stays on the scale during transport.

ROB16106 1234YF Identifier Sample Hose

- Simple screw on fittings on both sides
- Complete kit



ROB16913 Replacement Filter for A/C Refrigerant Identifiers, Models 16900 and 16910

- Supersedes Robinair part number 16912
- This filter is for the Identifier that mounts to the control panel on the ACR2000 and 342000 a/c machine and hand held identifiers



ROB16916 R1234YF AC RRR Machine Oxygen Sensor

- Replacement oxygen sensor for Robinair R1234YF machines and refrigerant identifiers



ROB34414-B R1234YF AC1234-6 Vehicle A/C Capacities Database - 2021

ROB34002 R1234YF Vehicle A/C Capacities Database - 2020



R134A

cps®



CPSMX134 MAXXAIR Series MX134 Recover, Recycle and Recharge Machine for R134A Refrigerant

- Compatibility with electric and traditional engine driven compressors patented Oilless Compressor
- Wifi/Bluetooth Enabled
- SAE J2788H
- Warranty: 1 Year Labor, 2 Year Parts, 3 Year Compressor



CPSMXXC MAXXAIR Series RRR Dust Cover Cover

cps®



CPSFA1000 Deluxe R134A A/C Refrigerant RRR Equipment

- Fully automatic RRR (Recover/Recycle, Recharge)
- Oilless Compressor
- 50 lb. Tank and 8 foot hoses
- Charges through low and high side
- LCD Multi-language display



CPSFX3030X1 FX Series Maintenance Kit

- Includes FX Filter, Vacuum Pump Oil and Service Hose Coupler O-Rings

CPSARXF5 Filter for CPSAR2788

CPSRIXF Filter for CPSAR212TR



R134A

MAHLE

Service Solutions

MSSACX2150 A/C RRR Machine R134A



- Ergonomic design, 7" capacitive touch LCD display, and intuitive user interface
- Automatic weighing of recovered oil with on-board oil-injection allows accurate replenishment of oil removed during service and allows one oil type for injection
- Permanent wireless software updates
- Ability to log and monitor services allowing analytics for proactive service reminders, refrigerant use optimization, warranty reporting and more



MAHLE

Service Solutions



MSSACX2180 AC RRR Machine R134A

- Ergonomic design, 7" capacitive touch LCD display, and intuitive user interface
- Integrated UV dye injection provides high level of A/C system leak detection
- iOS and Android capable phone app allowing remote service session mirroring and advanced functions
- Permanent wireless software updates
- Automatic weighing of recovered oil, allowing accurate replenishment of oil removed during service and allows two oil types for injection

MAHLE

Service Solutions

MSSACX2180H A/C RRR Machine Hybrid R134A



- AC RRR Machine for all R134a vehicles and hybrids
- Ergonomic design, 7" capacitive touch LCD display, and intuitive user interface
- iOS and Android capable phone app allowing remote service session mirroring and advanced functions.
- Permanent wireless software updates
- CERTIFIED. For high voltage compressor service (hybrid only)



Mastercool® Inc.
"World Class Quality"

SAE Certified RRR Machines

The end user can easily navigate through the reclamation process with the use of the on-board command center. Features also include Wi-Fi capable, Auto diagnostic check, Auto vacuum leak check, auto oil discharge, auto air purge, tank heater and multiple languages. 1 year warranty on material and workmanship.

MSCCOMMANDER1000 SAE Certified Semi-Automatic RRR Machine

- SAE 2788 Certified RRR machine
- Touch screen color command center
- Auto vacuum leak test
- Auto air purge
- Auto filter and full tank alarm

MSCCOMMANDER2000 SAE Certified Fully Automatic R134A RRR Machine

- Touch screen color command center
- Automatic oil injection and oil drain
- Automatic vacuum leak check
- Automatic air purge

MSCCOMMANDER3000 SAE J2788 CERTIFIED Automatic R134A and Hybrid RRR Machine

- Touch screen color command control center
- Works on 134A hybrids and 134A standard vehicles
- Hose and AC vehicle system flush
- Thermal printer



Mastercool® Inc.
"World Class Quality"

MSC69788-FLTRPK Commander Replacement Filter Pack

- Item Weight - 5 lbs
- Package Quantity: 1
- Replacement Filter
- Moisture removal
- Fits different units



MSCCOMD2-FLTRPK Filter Pack for Commanders Dryer System

- Filter pack includes DML162 Danfoss dryer
- Dryer for all Commander machines
- Flash drive for dryer activation



ROBINAIR®

R134A

ROB34998

CONNECTED (Wi-Fi / Bluetooth) R134A ACS Machine

- New 10" capacitive LCD touch screen and intuitive user interface makes navigation much easier and beginning service quicker
- Incorporated Wi-Fi and Bluetooth wireless technology enable many new features and capabilities making this the most advanced A/C RRR machine on the market today
- Automatic updates ensure your machine always has the most current software, as well as access to new features and capabilities as they become available



ROB34288NI

ECONOMY R134A Recover, Recycle, Recharge Machine

- Automatic oil drain: Automatically drains oil recovered during the recovery operation and puts the oil in a graduated container showing the user how much needs to be injected back into the system
- Automatic air purge: Eliminates damaging air without monitoring gauges or opening valves
- 4.3 in full color graphics display
- Programmable vacuum function: Defaults to 15 mins, programmable up to 99 mins. "Remaining time" is displayed

ROB34788NI

PREMIER R134A Recover, Recycle, Recharge Machine

- Fully automatic operation
- Improved recovery and charge performance - Exceeds SAE requirements
- Graphical display
- Expandable - capable of additional feature and function add-ons (printer, wireless, refrigerant ID)
- Automatic Internal tank fill
- Fully SAE J2788 compliant and exceeds the requirements for charge accuracy and recovery efficiency

HYBRID VEHICLES

ROB34788NI-H

R134A Recover, Recycle, Recharge Machine for HYBRID VEHICLES

- Safely service both conventional and high voltage A/C systems
- 98.5% Recovery
- Fully automatic operation
- Automatic internal tank fill

ROB34988NI

PREMIUM R134A Recover, Recycle, Recharge Machine

- Fully automatic operation frees technician to perform other tasks while servicing the vehicle's A/C system
- Automatic oil drain and inject feature

ROB34988NI-SL

PREMIUM R134A Refrigerant Recover, Recycle, Recharge Machine for Mobile Service

HEAVY DUTY

ROB34888HD HEAVY DUTY R134A

Recover, Recycle, Recharge Machine

- Fully-Automatic Function: Program to recover, vacuum, leak test and charge without operating panel valves
- Automatic Oil Drain: A display reminds you to empty the graduated container to show the amount of oil to replace
- Oil Inject: Automatically inject oil back into the vehicle's A/C systems
- Removable 50 Lb. External Tank: The ability to switch tanks when performing multiple recoveries on large mobile A/C systems



ROBINAIR MACHINE ACCESSORIES

ROBINAIR®

ROB19776

A/C Quick Change Filter for ROB17800B



ROB34724

Spin On Filter

- Fits current models: ROB34288, ROB34788, ROB34988, ROB347002, ROB341342
- Avoid downtime, by keep a spare filter on hand



ROB34430

Recycling Filter-Drier Quick Change Filter

- Specially blended for maximum acid and moisture removal
- For older 17700A, 34450, 34700 (1997), AC375, AC375A, 34134Z



ROB13172

Recovery and Recycling Unit Maintenance Kit

- For models using 34724 Filter-Drier (17700A, 17700-2K, 34700, 34700-2K, 34800, 34800-2K, 34900 Series)
- Contains one quick change filter-drier to be used on both R12 and R134A stations, and one 16 ounce bottle of our Premium High Vacuum Pump Oil



ROB17419

Oil Catch Bottle

- Direct liquid recovery without damaging the compressor
- All new proprietary "Oil-less" compressor and 1/2 hp motor
- Field serviceable compressor



ROB17756

Oil Drain Bottle for Sidewinder



ROB34411-L

R134A Legacy Machines Vehicle A/C Capacities Database - 2021



ROB30038

Printer for ROB34788NI or ROB34788NI-H



ROB34214

Printer Paper (3-rolls)

- Printer paper for ROB34788NI & ROB34788NI-H machines



ROB17490

Dust Cover For ROB34900/34800

- Dust Cover, Heavy Duty Vinyl
- Use with A/C Machines, Models ROB34900, ROB34800-2K, ROB17800B



ROB17499

Robinair Cart Dust Cover

- Fits Robinair 34788NI, 34788NI-H and AC1234-6
- Made in Canada



ROB17492

Robinair CoolTech Vinyl Dust Cover

- Fits ROB3420000, ROB17700-2K, ROB34700Z, ROB347002K Series units

RECOVERY/RECYCLE/RECHARGE/ MACHINES

ROBINAIR MACHINE ACCESSORIES CONTINUED

ROBINAIR

Bluetooth



Adds
WIFI

ROB80211TMP Wi-Fi/Temperature Probes Master Kit

- Wirelessly reads internal cabin vent temp in multiple locations or cabin vent temp and outside temp
- Included dongle connects A/C machine to WiFi for feature and performance enhancements
- Kit contains two Robinair temp probes, a USB adapter cable, a USB Wi-Fi/Bluetooth receiver and A/C machine software update SD card
- Works with ROB34288NI, ROB34788NI, ROB34788NI-H, ROB34988NI, ROBAC1234-4

ROB80212 Bluetooth Temperature Probe (2-Pack)

ROB80213 Bluetooth Temperature Probe

ROB80211VCI VCI Wireless Master Kit

- Wirelessly gather vehicle year, make and model information
- Automatically include vehicle charge amount from vehicle capacities database as well as oil type and oil capacity for various A/C system components
- Read generic OBDII fault codes to identify issues
- Works with Robinair new platform machines ROB34288NI, ROB34788NI, ROB34788NI-H, ROB34988NI and ROBAC1234-4



Adds
WIFI

ROBACS-250 Wireless OBD II VCI

- Works with ROB34288NI, ROB34788NI, ROB34788NI-H, ROB34988NI, ROB34998, ROBAC1234-4 and ROBAC1234-9

RRR MACHINES - PORTABLE - R1234YF

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CPSTRSA21 Refrigerant Scavenger - Dual Refrigerant

- Refrigerant Recovery System for Contaminated Refrigerant
- For use on R134A and R1234YF systems
- Dual Refrigerant Manifold
- Meets SAE J2810 and J2851
- Made in the USA



CPSTRSA30 Refrigerant Scavenger Unit - SAE J2851 for R134A and R1234YF

- Sparkproof vacuum pump
- Meets SAE J2810 and J2851
- 30 lb. tank
- Low side recovery hose
- For R134a and R1234yf



Mastercool
"World Class Quality"



MSC69372 R134A/R1234YF Complete A/C Recovery System

- Includes all hoses and couplers needed to recover, cleanse and remove the oil from R134a and R1234yf automotive A/C systems as well as an extra filter dryer for replacement

MSC69360-YF Mastercool R1234YF Complete Refrigerant Recovery Machine

- Twin turbo dual piston design
- Safety High Pressure switch
- Simple internal structure for field service
- Spark free compressor for use with R1234YF refrigerants



MSC69391 Spark Free Twin Turbo Refrigerant Recovery Machine for R1234YF

- SAE J2851 certified for the removal of contaminated R1234YF refrigerant
- Overfill cut off switch
- Double piston oil-less compressor
- Safety high pressure switch
- 30lb DOT tank

MSC69400-CON R134A /R1234YF Contaminated Gas Removal Machine

- Dual R134A and R1234YF Contaminated refrigerant removal machine
- Twin turbo design
- 30 lb. DOT tank
- 12343A and 1234YF low side couplers
- Blue and yellow hoses with R1234YF conversion fitting



RRR MACHINES - PORTABLE

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CPSAR2700M Multi Refrigerant Recovery, Recycling, Recharge Machine

- Semi automatic refrigerant recovery re-charge
- Can be used for all refrigerants
- 1/3 HP compressor
- Pump down valve to clear machine for new refrigerants
- Incorporated ball valves with full 1/4" holes that do not care about sealants, and dirt like solenoids do
- Full metal construction for years of service and to stand up to shop use
- Full 1/3 hp hermetically sealed compressor for years of service with oil separation with manual oil drain
- Includes a 50lb tank that will hold a full 30lbs virgin refrigerant tank as well as have room to recover refrigerant from cars. Comes with 8 foot hoses and manual couplers
- 2 year limited warranty



ROBINAIR[®]



ROB17800C Refrigerant Recovery/ Recycling/Recharge Machine for Multiple Refrigerants

- Recovers, recycles, evacuates, and recharges R12, R134A, R22, R502 MP and HP blends, and many more
- Ideal for refrigerated trailers, buses, RVs with multiple refrigerants
- Lockout panel prevents mixing of refrigerants
- Comes with two 50-pound tanks
- Internal clearing



Mastercool[®]
"World Class Quality"

MSC69100 AC Complete Recovery System with 30 lb. DOT Tank

- Recovers and removes moisture, oil and debris from refrigerant
- Offers a state of the art 1/2 HP oil-less compressor with a built in high volume cooling fan for fast recovery
- Color coded sight gauge identifies when filter dryer replacement is needed



MSC69110 Portable A/C Recovery Unit

- Automotive and heavy duty operation
- 30 lb. DOT tank
- Heavy duty manual couplers and oil purge bottle
- 60" yellow and 72" red and blue
- SAE J2810 UL approved

MSC69000 Refrigerant Recovery System

- High performance 1/2 horsepower oil-less compressor
- Works with all refrigerants: CFC's, HCFC's, HFC's
- High volume cooling fan design
- Safety high pressure Cut-Off switch
- Automatic low pressure Cut-Off switch



ROBRG3 RG3 Portable Refrigerant Recovery Machine

- Oil-less Compressor - Capable of recovering both liquid and vapor
- Handles Almost All Refrigerants - Works with all common CFC, HFC, HCFC Refrigerants including R-410A

ROBRG6 Portable Refrigerant Recovery Machine

- Twin-Cylinder Design
- Oil-less Compressor - Capable of handling both liquid and vapor recovery



Mastercool[®]
"World Class Quality"

MSC69100-55R Complete Refrigerant Recovery System with 55100-R Leak Detector

- Auto high pressure cut off, auto low pressure cut off
- Works with all refrigerants
- 30 lb DOT tank with float switch
- High performance oil-less compressor
- Free 55100-R electronic leak detector



MSC69365 Mastercool HD Recovery Machine with 50 lb. DOT tank

- Heavy duty bus and fleet applications
- Twin turbo dual piston operation
- Oil separator and filter
- Safety high pressure switch



TANKS & REFRIGERANT IDENTIFIERS

TANKS

ROBINAIR®

Robinair® Refrigerant Tanks

- ROB17121** – 30 lb. tank, 1/4" fittings (25150, 25175, 25200B, 34234, 34300-2K, 34800 series)
- ROB17506** – 50 lb. tank, 1/4" fittings (17800A, 17800-2K, 17700A, 25150, 25175, 25200B series)
- ROB17605** – 30 lb. tank with float switch (17650A series)
- ROB17572** – 50 lb. tank with float switch. (17800C series)
- ROB34102** – 30 lb. tank for R134A (34234, 34300-2K, 34800, 34134A, 34134-2K series)
- ROB34579** – 30 lb. tank (34650 series)
- ROB34750** – 50 lb. tank for R134A (34700, 34888HD series)



ROB34102



ROB34750



ROB17121
ROB17605



ROB17506
ROB17572



Mastercool® Inc.

"World Class Quality"

Mastercool® Refrigerant Tanks

- MSC63010** – 50 lb. Dot Tank without Float Switch
- MSC66011** – 50 lb. Dot Tank with Float Switch
- MSC67010** – 30 lb. Dot Tank with Float Switch



MSC66011



MSC67010

CPS®

CPS® Refrigerant Tanks

- CPSCRX400T** – 50 lb. Dot Tank
- CPSCRX430T** – 30 lb. Tank
- CPSCRX400TS** – 50 lb. Tank with Float Switch

ROBINAIR®

ROB10994 Heater Blanket

- Speeds charging by maintaining a constant temperature, thus creating a positive pressure between the refrigerant tank and the A/C system
- Fits 30 and 50 pound refrigerant tanks, R12, R22 and R134A
- Thermostat is set at 125°F (55°C)
- Thermal cut-off switch



REFRIGERANT IDENTIFIERS & ANALYZERS



Mastercool® Inc.

"World Class Quality"

MSC691234YF-MINI

Identifier for R1234YF Refrigerant

- Pass/Fail 95% purity
- Excess air warning
- UL, CE, RoHS compliant
- Visual indicators
- Manual pump aspirator



MSC69134-A

R134A Refrigerant Identifier

- 95% pass R134A
- Helps confirm the presence and quality of R134A refrigerant in vehicle air conditioning systems
- Quick accurate test to protect recycling equipment
- Excess air warning
- Sturdy construction with protective rubber boot



ROBINAIR®

ROB16009

DiscovR R134A Refrigerant Identifier

- Uncover hard to find air contamination - DiscovR refrigerant identifier notifies you when the system contains excessive air
- Fast and accurate - "Pass" and "Fail" lights clearly show if refrigerant is pure enough to be recovered
- Input power: 12VDC
- California approved



ROBINAIR®

ROB16990

R-ID Refrigerant Analyzer

- Quickly and accurately determine refrigerant purity
- Displays amount of R1234YF, R134A, R12, R22 and Hydrocarbons in percentage
- Displays % air in pure R1234YF & R134A Capable of testing R12 with optional R12 hose
- Improved oil resistance with user replaceable oil restrictor



ROBINAIR®

ROB16995

R-ID Plus Refrigerant Analyzer

- Quickly and accurately determine refrigerant purity
- Displays amount of R1234YF, R-134A, R12, R22 and Hydrocarbons in percentage
- Displays % air in pure R1234YF & R134A
- Capable of testing R12 with optional R12 hose
- Large color display
- Easily print test results with built in printer
- Battery powered with internal lithium battery
- Ergonomic design with protective boot
- Improved oil resistance with the user replaceable oil restrictor
- Comes with an internal printer to print final test results



R1234YF

cps®

BLACKMAX™
BLACK & CHROME SERIES

CPSMAID8QYF BlackMax™ R1234YF Manifold Gauge Set

- 2-valve black anodized aluminum block body for R1234YF
- Triple seal piston valves
- 8 foot hoses
- 2 1/2 silicon dampened; 1.6 accuracy



CPSMAID8QDL BlackMax™ Series Dual R134A and R1234YF Manifold Gauge Set

- 2-valve black anodized aluminum block body for R134A and R1234YF
- Triple seal piston valves
- 8' hoses
- 2 1/2 silicon dampened; 1.6 accuracy
- Made for both R134A and R1234YF refrigerants

FJC
Air Conditioning Products
Tools, Equipment & Refrigerant

FJC2805YF R1234YF Refrigerant Check Gauge

- Check pressure before charging
- Convenient Size



FJC6852 Manifold Gauge Set R1234YF

- R1234YF aluminum manifold gauge set with manual couplers and charging hoses
- Hoses are 72"
- Easy to read



cps®

CPSMTHF0134 Aluminum Block A/C Manifold Gauge Set, for R134A and HF01234YF

- Aluminum Block A/C Manifold Gauge Set, for R134A and HF01234YF, 72" Hoses, Manual Couplers



FJC
Air Conditioning Products
Tools, Equipment & Refrigerant

FJCKIT6850 R1234YF Manifold Set with FREE Thermometer

Kit includes: R1234YF Aluminum Manifold, 72" hoses, Manual Couplers, Plastic Case and FREE Non Contact Laser Thermometer



FJC6855 2 Piece Duel Manifold Gauge Set in Case

- Includes the R1234YF and the R134A
- Comes with carrying case
- 72" hoses



ROBINAIR®

ROB41234 R1234YF Manifold and Hose Set

- Oversized gauges
- R1234YF manifold and vehicle couplers
- 72" high quality Goodyear hoses

A convenient kit to use to diagnose a vehicle's A/C system if your don't have the necessary RRR machine, or if the RRR machine is being used to service another vehicle. Works on A/C systems that use the new R1234YF refrigerant



ROBINAIR®

ROB42160 Gas Manifold Pressure Test Kit

- Use this handy kit to measure natural gas or LP gas pressure across appliance manifolds from 0-35" of water column
- Test gas stoves, furnaces, dryers and other gas appliances
- Diaphragm gauge is calibrated in inches of water column, also shows ounces per square inch
- Includes fitting for quick connection to the appliance manifold



MANIFOLD GAUGE SETS & HOSES

R1234YF

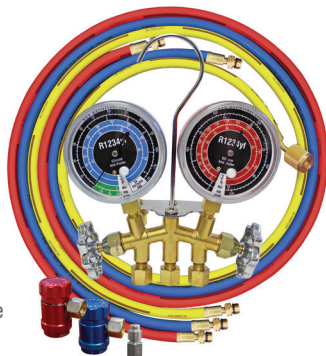


Mastercool®
"World Class Quality"

MSC81661

R1234YF Brass Gauge Set with 60" Hoses And Manual

- Manual couplers with extended protection sleeve
- 3 1/8" large gauges
- PSI and BAR units of measure
- Red & blue nylon barrier hoses with 12mm-M fittings on both sides meets SAE J2888, EPA, SAE & UL standards
- Yellow hose 12mm fitting on one side and 1/2 x 16 acme LH on the other meets SAE J2888
- R1234yf high and low side couplers with extended disconnect protection sleeve meets SAE J639 & J2888
- Easy to recalibrate 3 1/8" gauges to ensure accuracy

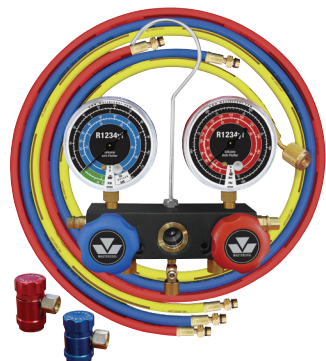


Mastercool®
"World Class Quality"

MSC83272

R1234YF Aluminum Manifold Gauge Set

- Heavy duty aluminum block and manual couplers
- 72" 1234yf set of hoses
- Optical sight-glass for visual verification of refrigerant flow
- Packaged in a heavy duty clam shell



Mastercool®
"World Class Quality"

MSC82172

Black Series Mini-Fold R1234YF Compact 2-Way Aluminum Manifold

- Compact black anodized aluminum block with matte chrome fittings offer an extremely portable solution to fit the needs of every busy technician
- Easily perform pressure/temperature calculations for up to 91 different refrigerants including R134a, R410a and R22 refrigerants
- Unit conversion between MPa, kPa, bar, psi, kg/cm2, inHg



MSC89661-AYF

R134A / R1234YF Dual Aluminum Gauge Set

- Dual 134A and 1234YF gauge set
- 1 set of manual 134A couplers
- 1 set of Manual 1234YF couplers
- 1234YF hose conversion adapters
- 1234YF tank adapter • 60" hoses



MSC66661-AYF

R134A / R1234YF Dual Brass Gauge Set with 60" Hoses

- Dual 134A and 1234YF gauge set
- 1 set of 134A standard couplers
- 1 set of 1234YF standard couplers
- 1234YF hose conversion fittings
- 1234YF tanks adapter • 60" hoses



R134A

FJC
Air Conditioning Products
Tools, Equipment & Refrigerant

FJC6760SPC60

R134A Aluminum Block Manifold Gauge Set with Case

- Aluminum block design with sight glass
- Anti-flutter design
- Additional access port
- 60" hoses and quick couplers

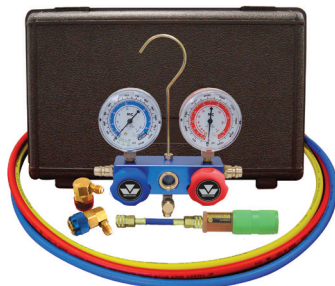


Mastercool®
"World Class Quality"

MSC89660-UV

R134A Aluminum Manifold Gauge Set with 60" Hoses and Standard Couplers

- Aluminum block with sight glass
- Easy to recalibrate, anti-flutter gauges
- Standard couplers
- SAE certified 134a 60" hoses
- Includes free 10 application mini dye injector



cps®

BLACKMAX™
BLACK & CHROME SERIES



CPSMAID8QZ

Blackmax™ Chrome Manifold Gauge Set in Collector's Tin

- Non-flutter gauge
- Rugged chrome metal housing
- Anodized aluminum block body
- 8' black non-permeating hoses with manual couplers
- Collector's Edition tin case

R12 & R134A

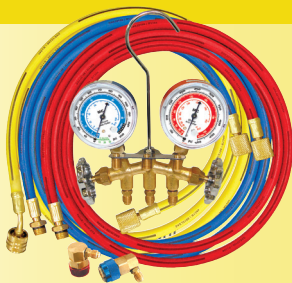


Mastercool®
"World Class Quality"

MSC66661

Brass Manifold Gauge Set for R134A with 60" Hoses

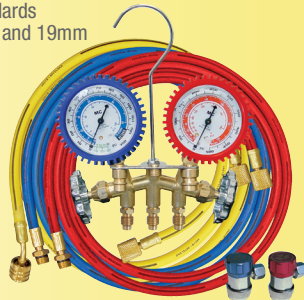
- Anti-flutter gauges smooth needle movement
- Extra access port for vacuum line
- Yellow hose includes shut-off valve
- Piston type free-floating valves reduce O-ring wear
- 60" Nylon barrier hoses meet EPA, SAE and UL standards
- Coupler sizes: 14mm, 15mm, 16mm, 17mm, 18mm and 19mm
- Standard R134a couplers



MSC84772G

Brass R134A 2 Way Manifold Gauge Set with 72" Hoses

- Large, angled all-metal handles
- Floating piston, double O-ring valves for long service life and smooth operation
- Silicone-dampened gauges smooth out needle movement
- Gauges can be recalibrated in the field to maintain accuracy



MSC84472

Black Series Mini-Fold R134a Compact 2-Way Aluminum Manifold

- Compact black anodized aluminum block with matte chrome fittings offer an extremely portable solution to fit the needs of every busy technician
- Easily perform pressure/temperature calculations for up to 91 different refrigerants including R134a, R410a and R22 refrigerants



MSC98661-PRO

Dual R12/R134A 2-way Manifold Gauge Set with FREE 85530 3-in-1 Side Can Tap

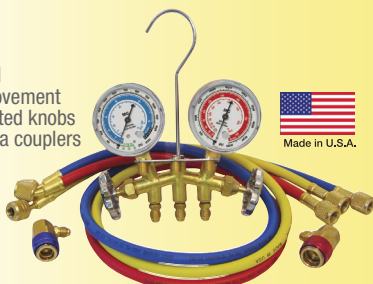
- Professional extruded aluminum block
- Silicone dampened, recalibrateable gauges
- Set of 3 - R134a nylon barrier hoses
- Set of 3 - R12 nylon barrier hoses
- Manual Couplers
- FREE 3-in-1 side can tap



MSC66773

Dual R12/R134A Brass Manifold Gauge Set

- Anti-flutter silicone dampened gauges smooth out needle movement
- Easy-grip all metal side mounted knobs
- Includes set of standard R134a couplers
- Gauges can be recalibrated to maintain accuracy



MSC98772

Dual Brass Manifold Gauge Set

- R12 and R134a • Manual shut off valves
- Manual style, high quality couplers
- Large 2-1/2" gauges
- Includes (3) 72" barrier hoses

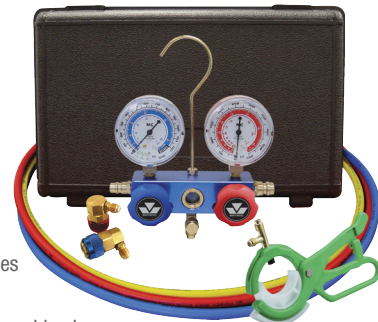


Mastercool®
"World Class Quality"

MSC89660-PRO5

R134A Aluminum Manifold Gauge Set with FREE 85530 3-in-1 Side Can Tap

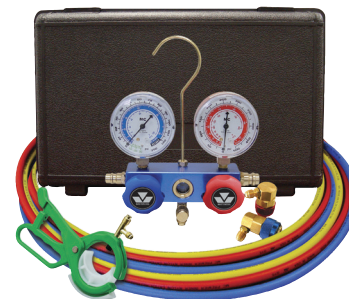
- Professional extruded aluminum block
- Silicone dampened, recalibrateable gauges
- 3 - SAE approved nylon barrier hoses
- Professional R134a couplers
- Constructed of the finest materials and machined with precision to the highest quality standards
- FREE 85530 3-in-1 Side Can Tap



MSC98660-PROM

R12/R134A Dual Aluminum Manifold with 3-in-1 Can Tap

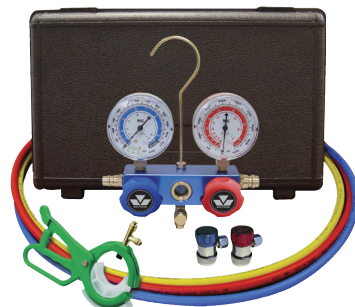
- Professional extruded aluminum block
- Silicone dampened, re-calibrated gauges
- Set of 3 - r134a nylon barrier hoses
- Set of 3 - r12 nylon barrier hoses
- Custom molded carrying case



MSC89661

Automotive R134a 2-Way Manifold Gauge Set With Manual Couplers and 3-In-1 Side Mount Can Tap Valve

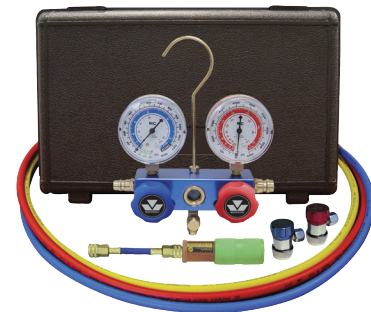
- 2-1/2" silicone dampened, recalibrateable gauges
- Free-floating piston type valves reduce o-ring wear
- Extra access port for vacuum line
- Extra large sight glass for visual refrigerant check
- Large easy-to-grip knobs
- 3 - SAE approved nylon barrier hoses



MSC89661-UV

R134A Aluminum Manifold Gauge Set with 60" Hoses and Manual Couplers

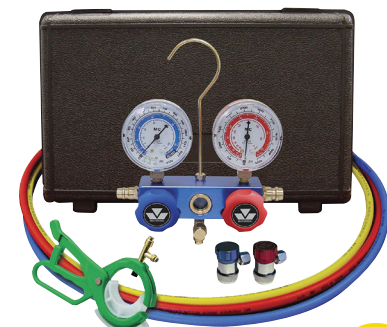
- Aluminum block with sight glass
- Easy to recalibrate, anti-flutter gauges
- Heavy duty manual couplers
- SAE certified 134a 60" hoses
- Includes free 10 application mini dye injector



MSC89661-PRO

R134A aluminum manifold gauge set /FREE 85530

- Manifold Gauge Set for R134A
- 60" Hoses
- Silicone Dampened Gauges
- Manual Couplers
- Includes Free MSC85530 3-in-1 can tap



MANIFOLD GAUGE SETS & HOSES

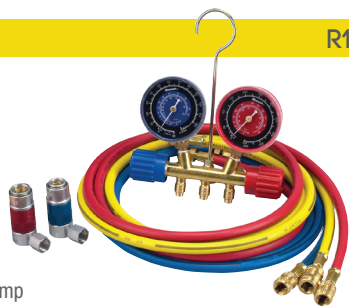
R12 & R134A

ROBINAIR®

ROB45111

A/C R134A Manifold Gauge Set with 72" Hose and Couplers

- Brass manifold with easy-to-grip handles
- R12/R134a gauges display PSI, and °F Temp
- 90° manual couplers
- Rear R134a and 1/2" ACME fittings for holding hoses
- 72" R134a hose set (1/2" ACME x 14mm)



ROB44150

Dual AC R12 and R134A Brass Manifold Gauge Set

- R12/R134a gauges display PSI and °F Temp
- Brass manifold with easy-to-grip handles
- 72" R134a hose set (1/2" ACME x 14mm)
- 72" R12 hose set (1/2" ACME x 1/4" MFL)
- Also includes rear R134a and 1/2" ACME fittings for holding hoses, and 90° manual couplers



ROB48134A

R134A Brass Manifold and Hose Set

- 90° manual couplers
- 60" R134a hose set
- 1 year warranty
- A/C service manifold for use on R134a A/C systems.

ROB48134B

R12 and R134A Brass Manifold Set

- 90° manual couplers
- 60" R134a and R12 SAE hose set
- Easy to grip handles



ROBINAIR®

ROB49134B

R12 and R134A Aluminum Manifold Set

- 90° manual couplers
- 60" R134a and R12 SAE hose set



ROB49134A

R134A Aluminum Manifold Gauge Set and Hoses

- 60" R134a and R12 SAE hose set
- A/C service manifold for use on R12 and R134a A/C systems



ROB48510

R134A Manifold Hose Kit

- 90 degree manual couplers
- 72" R134a hose set (1/2" ACME x 14mm)



ROB11794

Universal R-134A/R22 Low Side Gauge

- PSI/kPa pressure readings
- R-22 and R-134a temperature readings in degrees Celcius
- Replacement gauge that replaces 11692



ROB11795

Universal 134A/R22 High Side Gauge

- Psi/kPa pressure readings
- R-22 and R-134a temperature readings in degrees Fahrenheit



HOSES - R1234YF

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

FJC6845

U-Charge Hose with Coupler

- R-1234yf charging hose for use with self-sealing valve can tap



FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

FJC6846

R-1234yf Service Hose and Gauge

- For use with R-1234yf
- Quick and accurate filling



R12 & R134A


FJC6037
U-Charge Hose with Gauge

- For self-sealing valve cans
- Monitor pressure for correct charge


FJC6045
U-Charge Hose with Gauge

- For self-sealing valve cans



Mastercool®
"World Class Quality"

MSC84372
72" R134A A/C Hose Set

- Meet SAEJ2196 specifications and are UL recognized
- Tested for working pressure of 600 PSI and burst pressure of 3,000 PSI
- Blue and red hoses include male 14mm x 1.5 and 5" ACME-F fittings
- 1 yellow with shut-off valve


ROB31096
Yellow Hose 1/4" x 1/4 R12

ROB39072A
R12 Hose Set with Quick Seal Ends

- 3 A/C Hoses with Quick-Seal Fittings
- Set includes: 72" long yellow, blue and red hoses
- For use with R-12, R-22, R-500 and R-502
- Works with most A/C manifold gauge sets


ROB61096
R134A 96" Yellow Hose

- 1/2" ACME x 1/2" ACME
- Built for long life and dependability
- Strong six-sided crimp provides a reliable connection between the hose and barb, even at maximum pressure
- The coupler nuts are deeply knurled for quick finger tightening
- Meets all specifications for low permeation construction


ROB61072
72" R134A Enviro-Guard Yellow Hose

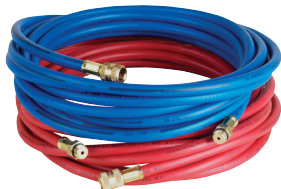
- 1/2" ACME x 1/2" ACME
- Strong six-sided crimp provides a reliable connection between the hose and barb, even at maximum pressure
- The coupler nuts are deeply knurled for quick finger tightening
- Meets all specifications for low permeation construction
- 740 PSI working pressure; 3700 PSI burst pressure


ROB62121
96" A/C Environ-Guard Hose for R134A

- Constructed of a special barrier material which prevents virtually any permeation of refrigerant, yet remains flexible
- Meets all specifications for low permeation construction
- Clearly marked for R134a
- 14mm x 1/2" ACME
- 740 PSI; 3700 PSI burst pressure


ROB64240
20' Hose Set for R134A 14mm

- 240" Long
- Includes red and blue hoses
- 740 PSI working pressure; 3700 PSI burst pressure


ROB63096
96" R134A Red Hose

- Red 96" A/C hose for R134a
- Fits most A/C manifold or recharging and recover machines
- An excellent replacement for shorter standard length A/C hoses


ROB60096
96" R134A Hose Set

- 8' long replacement hoses for R134a manifold gauge sets
- 1 each color-coded red, yellow and blue hose
- A must have when working on heavy duty trucks, buses and reefers


ROB30072
72" A/C Charging Hoses Set with 1/4" Standard Fittings

- (500/2500 PSI) – 72", 1/4" SAE internal fitting x 1/4" SAE internal
- For R12, R22, R502 Neoprene coated for flexibility and wear resistance
- With valve core depressor and a 45° bend on one end for convenient access to the system
- 500 PSI working pressure, 2500 PSI burst pressure


ROB34722
Replacement Hose Set for 34788

- For recharging models 34788, 34288, 34134Z
- Enviro-Guard Hoses for Automotive R-134a. Enviro-Guard Hoses are constructed of special barrier material which prevent virtually any permeation of refrigerant, yet remains flexible
- 740 psi working pressure, 3700 psi burst pressure


ROB70020
Blue Service Hose

- Service Hose without Coupler (low-side, blue)


ROB70021
Red Service Hose

- Service Hose without Coupler (high-side, red)


ROB71789
Hose Set (34788NI, 34788NI-H)

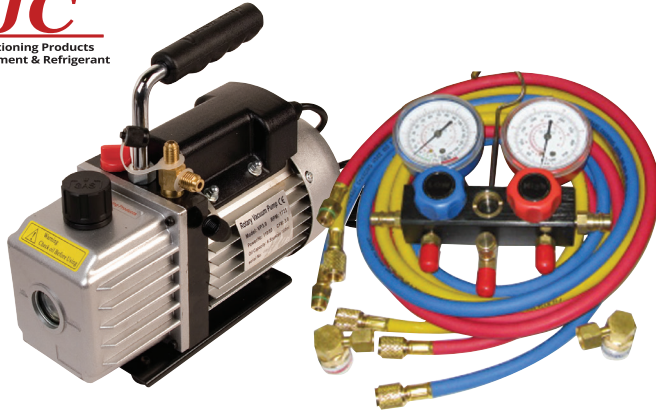
- High & low side system hose set
- For 34288NI, 34788NI, 34788NIH, 34988NI unit


UVU471546
Hawkeye Jr. R134A Adapter Replacement Hose


VACUUM PUMPS - R1234YF

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant



FJCKIT6

Vacuum Pump and Manifold Gauge Set

- Vacuum pump has Twin Port Technology™
- Aluminum block manifold gauge with sight glass
- Anti-flutter design with additional access port
- Kit Contains: FJC6909 - 3.0 CFM vacuum pump; FJC6761B - R134a aluminum manifold with 72" hoses and quick couplers.

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant



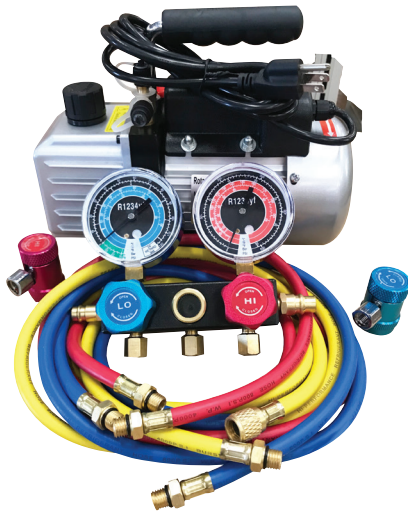
FJC6930

R1234YF / R134A Vacuum Pump 5.0 CFM

- Lightning fast design removes moisture and non-condensable gases that can destroy any A/C or refrigeration system
- Sparkproof design approved for use in recycler cabinet
- Twin Port technology

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant



FJC9281YF

R1234YF Vacuum Pump & Manifold Set

- Aluminum Manifold Gauge Set
- Quick Couplers • 72" hoses
- Spark Proof Pump for R-1234yf and R-134a systems



Mastercool®
"World Class Quality"



MSC90066-B-SF

Spark Free 6 CFM Vacuum Pump for 1234YF Systems

- High volume fan provides cool air to motor and pump
- Vapor discharge / oil fill port check valve
- 50 microns
- Internal check valve to prevent oil back flow
- Thermally protected motor with on/off rocker switch

VACUUM GAUGES

cps®

CPSVG200

Vacuometer Vacuum Gauge with Digital Display

- Individually calibrated to strict NIST standards with accuracy of $\pm 10\%$ of reading
- Incorporates surface mount technology
- Automatically compensates for ambient temperature changes
- Selectable measurement units in Microns, Torr, in/hg or mBar
- Field cleanable sensor with extended range from atmosphere down to 0 microns



cps®

CPSVG200W Vacuum Gauge

- Wireless digital LCD display
- Easy 2 button control
- Obtains accurate vacuum measurements during evacuation of HVAC and refrigeration systems
- Standalone or pair with a mobile device



VACUUM PUMPS

cps®



CPSVP2S 2 CFM Vacuum Pump

- Single Stage Vacuum Pump, 2 CFM, 1/5 HP, 100 Microns, Dual Voltage 115 VAC/230 VAC, Oil Sight Glass

CPSVP4S 4 CFM Single-Stage Dual Voltage Vacuum Pump

- Exceptional ultimate vacuum rating as low as 50 microns
- Advanced air cooled motor design for operation in high ambient temperatures
- Proprietary oil mist free exhaust port cap for clean, safe job environment
- Multiple port connections for 1/4", 3/8" and 1/2" ACME

CPSVP6S 6 CFM Single Stage Vacuum Pump

- 5.85 CFM single stage vacuum pump with a 1/3 HP motor
- Large oil sightglass to give you a better indication of the condition of the oil
- Dual voltage 110V-220V 60/50hz with built fuse
- Three fitting connection 1/4" SAE x 3/8" SAE x 1/2" ACME with plastic caps



cps®



CPSVP6D 6.0 CFM 2-Stage Vacuum Pump

- 6.25 CFM 2-stage vacuum pump with a 1/2 HP motor
- Dual voltage 110/220 - 60/50hz with fuse
- Advanced 2-stage design pulls deep vacuum fast to 15 microns
- 3-fitting connection 1/4" SAE x 3/8" SAE x 1/2" ACME with plastic caps
- Rubber molded base for quieter running pump

cps®

CPSVPC2SU Premium Compact 2 CFM 1 Stage Vacuum Pump

- Ultra compact design 9" long, 5" wide; 9 Lbs 2 year warranty
- Oil mist preventor cap with extra large sightglass
- 2 CFM single stage 1/5 hp @ 115 volts
- 1/4" SAE and 1/2" ACME fitting
- High performance deep vacuum cartridge to help speed evacuation gives up to 75 microns ratings



FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

FJC6905 1.5 CFM Vacuum Pump

- Two-stage performance using Twin Port Technology™
- Lightning fast design removes moisture and non-condensable gases that can destroy an A/C system
- Durable construction for long-life use
- Tested - proven - reliable



FJC6909 3.0 CFM Vacuum Pump

- Two-stage performance using Twin Port Technology™
- Lightning fast design removes moisture and condensation
- Tested for proven reliability
- Motor RPM: 1725
- Voltage: 115V, 60HZ
- Fitting Size: 1/4" MF x 1/2" ACME
- Micron Rating: 75



FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

FJC6912 5.0 CFM Vacuum Pump

- Two stage performance using twin-port technology
- Lightning fast design removes moisture
- Removes noncondensables gases that can destroy A/C system
- Lightweight and durable



FJC2200 FJC Vacuum Pump Oil, Quart

- Meets specifications for all Rotary Vane Vacuum Pumps
- Made in the U.S.A.
- 5,200 BTU heater provides supplemental zone heating for up to 1,000 square feet
- The infrared heat helps to maintain the natural humidity within the air, resulting in moist, comfortable heat without drying out the room's air





MSC90058-AUT-5A 18 Volt Cordless, 1.5 CFM, 2 Stage Vacuum Pump, 5 Amp Battery

- Equipped with our exclusive oil mist free exhaust port
- Sure-Grip handle, ergonomically designed for superior comfort and portability
- Reinforced base provides extreme shock resistance

MSC90059-B Heavy Duty 1.8 CFM Deep Vacuum Pump

- High volume fan provides cool air to motor and pump
- Vapor discharge / oil fill port
- "T" fitting with 1/4" flare and 1/2" ACME ports
- Cooling fins to keep temperature cooler during extended motor operations
- Manifold valve isolates pump from the system while checking for leaks



MSC90062-B 3 CFM Deep Vacuum Pump

- Vapor discharge / oil fill port with check valve prevents oil loss
- "T" fitting for 1/4" and 1/2"
- High volume fan provides cool air to motor and pump
- Cooling fins keep temps lower during extended operation



MSC90065 5 CFM 2 Stage Vacuum Pump

- This model is an excellent choice for small to medium sized systems (2.5 lb to 10 lb charge capacity). This two stage pump features a manifold valve to isolate it from the system and three inlet ports: 1/4" FL, 3/8" FL and 1/2" ACME (for automotive R134a systems).



MSC90066-B 6 CFM Single Stage Deep Vacuum Pump

- Free Air Displacement: 6 CFM
- Ultimate Vacuum: 80 Microns
- Motor: 1/3 HP
- Pump Speed: 1720 RPM
- Electrical Specs: 110/120V - 60 HZ



MSC90066-2V-110-B 6 CFM 2 Stage Vacuum Pump

- Free air displacement: 6 CFM
- Ultimate vacuum: 15 microns
- Motor 1/2 hp, pump speed 1720 rpm, electrical specs 110/220v 60hz, 110 v cable (us standard)



MSC90068-2V-110-B 8 CFM 2 Stage Deep Vacuum Pump

- Free air displacement: 6 CFM
- Ultimate vacuum: 15 microns
- Motor 1/2 hp, pump speed 1720 rpm, electrical specs 110/220v 60hz, 110 v cable (us standard)



MSC90032 32 oz. Bottle Vacuum Pump Oil

- Frequent oil changes will reduce vacuum pump failure and extend the pump life
- Laboratory tested; resists breaking down
- Thermally stable • High viscosity



ROBINAIR®

ROB34970

Air Vac for R12 and R134A

- Fast, efficient air operated vacuum pump
- Rugged Lexan case is both oil and scratch resistant and comes with a convenient handle
- Compressed air driven, no oil or moving parts to replace
- 1 CFM • 1/4" Flare and 1/2" ACME fittings



ROBINAIR®

ROB15115

VacuMaster 1.5 CFM Single Stage Pump

- 1.5 CFM free air displacement
- 110-volt, single-stage design
- 1/4" flare & 1/2" ACME intake ports
- "No-Hassle" over-the-counter replacement warranty
- 115 microns ultimate vacuum



ROB15310

VacuMaster 3.0 CFM Single Stage Pump

- 3 CFM free air displacement
- 110-volt, single-stage design
- 1/4" flare & 1/2" ACME intake ports
- 75 microns ultimate vacuum
- "No-hassle" over-the-counter replacement warranty



ROBINAIR®



ROB15600

CoolTech 6.0 CFM Two-Stage Vacuum Pump

- Iso-Valve™ isolates pump from system, making it easy to measure rate of rise
- Two-stage design means faster and higher vacuum level
- Inlet feature prevents pump contamination
- Gas ballast keeps oil clean and dry
- 15 microns ultimate vacuum



ROB15120A

CoolTech 10 CFM Two-Stage Vacuum Pump

- Two Stage Rotary Vane
- 1/2 HP Motor
- 16.5 oz Oil Capacity



VACUUM PUMPS

ROBINAIR®

ROB15300

VacuMaster 3.0 CFM Vacuum Pump

- 115-volt, 2-stage design
- Heavy duty motor - high torque design for easy start up
- Diecast aluminum housing
- Lifetime filtration - the intake filter prevents foreign matter from entering the pumping chamber, and an internal exhaust filter separates oil vapor from the exhaust flow
- "No-hassle" over-the-counter replacement warranty
- 35 microns ultimate vacuum



ROB15500

VacuMaster 5.0 CFM Vacuum Pump

- 115-volt, 2-stage design
- Heavy duty motor - high torque design for easy start up
- Diecast aluminum housing
- Lifetime filtration
- "No-hassle" over-the-counter replacement warranty
- 35 microns ultimate vacuum



ROB15800

VacuMaster 8.0 CFM Pump

- 115-volt, 2-stage design
- Heavy duty motor - high torque design for easy start up
- Diecast aluminum housing
- Lifetime filtration
- "No-hassle" over-the-counter replacement warranty
- 35 microns ultimate vacuum



ROBINAIR®

Premium High Vacuum Pump Oil

- Engineered to maintain maximum viscosity at high running temperatures
- Thermally stable and long lasting
- Lower moisture content than other oils
- Works with most A/C vacuum pumps

ROB13204 - 1 Gallon

ROB13203 - 1 Quart

ROB13119 - 16 oz. Case of 12



ROB15371

Oil Filler Plug

- Fits 1-1/4" hole
- Push-in attachment



SCALES & SYSTEM FLUSHING

SCALES



FJC2850 Heavy Duty Diecast Aluminum Refrigerant Scale

- 9" x 9" Platform
- 175 pound capacity (80 kg)
- Extra large LCD display lbs./oz./kg.
- ABS carrying case
- 9V battery included



MSC98210A Accu-Charge II Electronic Charging Scale

- Charge programming allows user to program desired quantities
- Accuracy: +/-0.01 kg; +/-0.16 oz.; +/-0.01 lb



CPSCC220 Compact High Capacity Charging Scale

- Capacity: 220 lb.
- Accuracy: .015% of reading
- Fully enclosed and removable metal scale platform enables use of product in or out of the protective case
- Large, highly visible 1-1/2" x 2" / 37mm x 48mm high resolution LCD readout
- Includes automatic off feature



TIF9010A "Slimline" Electronic Refrigerant Charging Scale

- Three display modes - lbs./oz.; decimal lbs.; kilograms
- Extreme accuracy: +/-0.5% of reading



TIF9030 Compact Refrigerant Scale

- 3 Control keys: ON/OFF, automatic zeroing and measurement units
- Display provides lbs/oz; decimals lbs. and Kilograms measurements
- High accuracy (± 0.5 oz) and resolution (0.1oz)
- 9V battery powered
- Charging and recovery capabilities



SYSTEM FLUSHING



CPSAFM100 AC Flush Machine

- Air operated fast and easy to use AC complete system or component flush machine
- Uses our own innovation in design universal flush adapters
- Only 2 adapters are required to service 98% of the vehicles and vehicle components on the market today
- Capable of "FORWARD" and "REVERSE" flushing as well as a unique "FLUSH HOLD" feature allowing the solution to "SOAK" a component before flushing.
- 2 1/2 gallon internal tanks makes the unit an excellent choice for both heavy and light duty flushing applications
- Extra Long 8' clear braided hoses included with the machine
- Easy to clean visible stainless steel filter for capturing large particulate
- All steel construction
- 1 year warranty



ROBINAIR®

ROB17580

A/C System Flusher

- Closed Loop - Circulates solvent continuously through components (adapters are needed)
- Pulsing Action - Loosens dirt, corrosion and other debris; by switching the hoses, you can also back flush
- Air Agitation Needle Valve - Bubbles air into liquid stream to enhance cleaning action
- Hose Adapters - Contains adapters to mate with 1/4" flare and 3/8" quick disconnect fitting kits
- Sight Glass - Tank level sight glass for easy filling

The 17580 makes flushing of lines, evaporators and condensers fast and easy. One gallon of flush solvent is recommended for each flush procedure. During the closed loop flush operation, the solvent is filtered through a replaceable filter before being restored to the internal storage vessel. An activated charcoal filter limits odors while solvent is being removed from the component during the purge cycle.



ROBINAIR®

ROB17595

A/C Flush Gun Kit

- The flush gun uses dry shop air to pressurize the solvent
- The attached nozzle directs the flow of solvent without spray-back



ROB17607

Universal A/C Flush Kit

- Kit includes clamping assembly
- Support plates - 2 x 1/2", 5/8", 3/4", 7/8" no slot - OD tubes.



Mastercool®

"World Class Quality"

MSC69900

Automotive AC Flush Machine

- Stainless steel ball valve control
- Heavy duty steel cart
- External shop air or nitrogen bottle connection
- Pump equipped with mechanical seal and PTFE gasket
- Mechanical filter at suction side
- Designed with durable roll away wheels and handle



Mastercool®

"World Class Quality"

MSC91046-A

A/C System Flush Kit

- Includes flush gun, hose, canister and canister adapter



MSC91049-128-4

A/C Flush Solvent 1 Gallon Bottle, Pack of 4

- Non-toxic
- Self-evaporating
- Thoroughly flushes out all A/C components
- For use in all standard flush kits



cps®



CPSTACI-100
Air Conditioning System
Performance Inspector

- Accurately measure and record:
Temperature and Relative Humidity

STEELMAN® PRO

JSP79041
Thermal Imaging
Inspection Camera

- 2.4" High Resolution Display
- -4° to 572°F (-20° to 300°C)
- Resolution of Infrared image:
60 X 60 (3600 pixels)
- Dual camera lenses blend
visible and IR images for
easy target recognition
- Stores images on 8GB
Micro-USB card (Up to 32 GB)



LANG
TOOLS
Professional Tools For 4 Generations



KAS13800
Digital Folding Pocket Thermometer

- Large display for easy viewing
- Magnetized backing for hands-free operation
- Min/Max gives recording of temperature extremes
- 3 year warranty

K TOOL®
INTERNATIONAL

KT178400
Digital Infrared Thermometer

- High distance-to-spot ratio (D : S = 12 : 1)
- Measurement range: -50°C to 600°C (-58°F to 1112°F)
- 9V battery powered (included)



K TOOL®
INTERNATIONAL



KTIXD275
Thermal Image Camera

- 2.4" Large LCD display
- 240x320 pixel Color LCD
- 120x90@17µm IR Resolution
- 25Hz frame rate

- Display radiometric data
of 10,800 pixels instantly
- Temperature Range -4°F
to 752°F (-20°C to 400°C)



Mastercool®
"World Class Quality"

MSC52220
Pocket Analog
Thermometer

- Range from 0° to 220° F
- Heavy duty metal construction



MSC52223-A
Pocket Digital Thermometer

- Temperature range: -58° to 302° F
- Includes pocket holder and clip
- 1" dial size • Heavy duty construction

MSC52225-MED
Medical Grade Thermometer

- Surface temp thermometer -7 to 176F
- Fever Alarm • 1 second response time
- Non-contact for hygiene and comfort



MSC52234-BT
Digital thermometer /
Hygrometer with BT app

- Dry bulb / wet bulb and RH readings
- BT app for IOS and Android
- Verify temps with gauge pressure readings
- Fits securely in dashboard vent



Mastercool®
"World Class Quality"

MSC52224-CC
Laser IR Thermometer

- Measures from -76° to 1022°F
- Field Of View: 12 : 1 • Emissivity: 0.95
- Backlit LCD Color display
- Target Indicator: Circular Laser
- Resolution: 0.1°F / 0.1°C
- Accuracy: ±2°C (4°F) or ±2% of reading



MSC52224A-SP
Infrared Thermometer in Case
with FREE MSC52220 1"
Analog Thermometer

- Measures from -40° to 932° F,
non-contact temperature readings
- 12:1 distance to spot ratio
- Heavy-duty construction



MSC52225A-SP
Dual Temp Infrared
Thermometer/ Immersion Probe
with FREE MSC52220
1" Analog Thermometer

- Measures from -76° to 1400° F
- Field of view: 30:1 distance to spot ratio
- Laser targeting, programmable high/low
alarm, minimum/ maximum, lock mode,
difference and average temperature
mode. 3' thermocouple probe for all
contact temps included



ROBINAIR®



ROB10945
1-3/4" Dial Thermometer
• Easy to read 1-3/4" dial face
• 0° to 220° F



ROB10596
1" Dial Thermometer
• Easy to read -40° to +160° F
• Pocket-clip carrying case

ROB43230
Digital Swivel Head Thermometer

- Wide temperature range; highly accurate readings from -58° to 302 °F (+/-2°)
- Switch selects Celsius or Fahrenheit
- Sampling time is just one second, HOLD button retains reading in memory
- Easy-to-read display
- Durable case



TIF7610

Infrared Thermometer Pro

- SoC (System-on-a-chip) Technology, complete infrared design incorporated on a single chip, creating compact and lightweight design
- Measurement range: -76° to +932°F
- Innovative optical lens • Laser pointer
- 10:1 distance to spot ratio
- Visual low battery indicators



TIT51408

High Temp Infrared Thermometer

- Temp range: -50 degree C to 650 degree C (-58 degree F to 1002 degree F)
- Built-in laser pointer
- Automatic selection 0.1 degree C/1 degree F
- Automatic data hold & auto power off



TOPDON

TOPTD52120003
TC002 Thermal Imager

- Superior Image Quality
- Built For Compatibility & Mobility
- Optimized Temperature Range And Accuracy
- Discover More With The Thermal Imaging App
- Monitor Temperature Change By Waveform Graph
- Low Power Consumption, Longer Lasting



TOPTD52120004
TC003 Thermal Imager

- 5" HD Touch Screen
- Dual Lens With 256*192 Infrared Resolution
- Adjustable Thermal Display
- Wi-Fi Connectivity
- IP55 Water-Resistant Rating
- Built-In Lens Protector
- Supports Image Fusion



TOPDON

TOPTD52120005
TC004 Thermal Imager

- Wide Field of View: 52.5°x 39.5°
- High Resolution Camera: 256*192 Pixels
- Wide Temperature Range: -20 to +350°C (-4°F to +662°F)
- Automatic Temperature Detection
- Drop Proof Up To 2 Meters (6.6 ft.)
- Multiple Imaging Modes
- PC Compatible



TOPTD52120009
TC005 Thermal Imager

- Field of View: 52.5°x 39.5°
- High Resolution Camera: 256*192 Pixels
- Wide Temperature Range: -20°C to 550°C (-4°F to +1022°F)
- Automatic Temperature Detection
- Drop Proof Up To 2 Meters (6.6 ft.)
- Multiple Imaging Modes
- PC Compatible



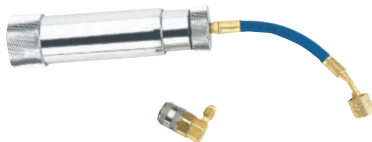
OIL INJECTORS

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

FJC2732
A/C Oil and Dye Injector
R12 and R134A 2 oz.

- Hand turn • 2 oz refillable injector
- Add oil or UV dye without adding refrigerant



MSC82375
2 oz. A/C Oil Injector R134A

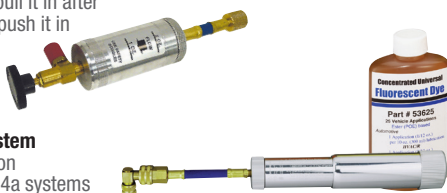
- Rugged all metal 2 oz canister
- Adds oil by allowing vacuum to pull it in after evacuation or use refrigerant to push it in using the recharge process



Mastercool®
"World Class Quality"

MSC53123
Refillable 2 oz. Aluminum Dye / Oil Injection System

- Heavy duty aluminum construction
- Injects dye or oil into R12 or R134a systems



ROBINAIR®

ROB19867
Oil Injector

- Sturdy Aluminum construction
- Add oil/dye to R134A systems
- 1/2" acme M x 1/2" acme F (134A)



ROB16256
Oil Injector

- Can also be used for fluorescent dyes
- Measurements are marked on the barrel body
- Press the plunger to deliver the oil charge



ROB18480
PAG Oil Injector

- R134A Oil Injector • One year warranty
- Labeled for R134A PAG Oil • Made in USA



ROB18490
R134A Oil Injector

- Labeled for POE oil
- Suit hybrid and electric compressors
- One year warranty • Made in USA



LEAK DETECTION

LEAK DETECTORS - R1234YF



UVU390200

Spotgun Jr. Universal Oil/UV Dye (1 oz.) Kit with UV Lite

- 1 Spotgun Injection System
- UV Phazer Leak Detection Lite (AAA battery)
- 2 (ea.) Low side service hoses
- 1 (ea.) R134a service coupler
- 1 (ea.) R1234YF service coupler
- 4 (ea.) 1 oz. cartridges of universal A/C oil
- 2 (ea.) 1 oz. cartridges of UV ExtenDye
- 2 (ea.) 1 oz. cartridges of Leak Guard One Shot
- Plastic storage case



UVU490100

Spotgun Universal Oil/Dye (8 oz.) Kit for R134a/R1234YF without UV Lite

- 1 Spotgun Injection System
- 2 (ea.) Low side service hoses
- 1 (ea.) R134a service coupler
- 1 (ea.) R1234YF service coupler
- 4 (ea.) 8 oz. cartridges of universal A/C oil
- 2 (ea.) 8 oz. cartridges of UV ExtenDye
- Plastic storage case



UVU490200

Spotgun Universal Oil/Dye (8 oz.) Kit Includes UV Lite

- (1) Spotgun Injection System
- (2) UV Phazer Leak Detection Lite (AAA battery)
- (3) 2 (ea.) Low side service hoses
- (4) 1 (ea.) R134a service coupler
- (5) 1 (ea.) R1234YF service coupler
- (6) 1 (ea.) 8 oz. cartridge of universal A/C oil
- (7) 1 (ea.) 8 oz. cartridge of UV ExtenDye
- Web Search Keywords



UVU390100

Spotgun Jr. Universal Oil/UV Dye (1 oz.) Kit for R134A/R1234YF without UV Lite

- Spotgun Jr. Injection System
- 2 (ea.) Low side service hoses
- 1 (ea.) R134a service coupler
- 1 (ea.) R1234YF service coupler
- 4 (ea.) 1 oz. cartridges of universal A/C oil
- 2 (ea.) 1 oz. cartridges of UV ExtenDye
- Plastic storage case



UVUFXP1

Promo Pack for FX1234 RRR Management Center

- LDA 1000H leak detector
- 381400 Spotgun Jr. HFO kit
- FX3030X1 maintenance kit
- TMDP digital vent thermometer
- To be used with FX1234

UVU471500YF

Spotgun UV Injection System for 1234YF Systems

- Includes one 8 oz. cartridge of ExtenDye UV dye
- Includes 1234YF refill hose and adapter



Mastercool[®] Inc.
"World Class Quality"



MSC55900

SAE Certified J2913 (R134A) J2913 (1234YF) Leak Detector

- Detects all refrigerants as low as 1/10 oz. per year
- The 55900 meets and exceeds certification required by SAE for all refrigerants including the new R1234yf

TRACER PRODUCTS
THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION



TRATOPUV19 R1234YF/PAG A/C Dye UV Leak Detection Kit

- TPOPUV OPTI-PRO UV flashlight, GLO-AWAY Plus
- TP-9940 glasses and small green carrying case



CPSLDA1000UV Refrigerant Leak Detector with UV Light

- Works with all refrigerants
- Certified SAEJ2913 for R134A and SAEJ2913 for HFO1234YF
- True UV light will work with all dyes
- Full 2 year warranty, including sensor tip

CPSLDA1000H Electronic Leak Detector



LEAK DETECTORS

CPSLS790B R12 and R134a

Deluxe Leak Seeker[®] Detector

- Patented Ion-Pump sensor with built-in selective filter housing
- 0.25oz/yr (7g/yr) leak rate of HFC
- Over 100 computer generated tones varying in intensity with leak size
- 10 high-intensity bar graph display

CPSNITROKITG Nitrogen Pressure Leak Test Kit with Regulator

- Test manifold with 0-200 PSIG gauge
- 6' Red service hose with 1/4" SAE female
- R134a Hi side snap coupler
- 25' coiled air hose assembly with 1/4" MPT x 1/4" coupler



FJC

Air Conditioning Products
Tools, Equipment & Refrigerant



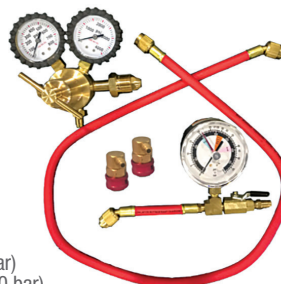
FJC5109

Nitrogen/Hydrogen Electronic Leak Detection System

- Deluxe H2/N2 Leak Detector, certified compliant with SAE J2790, Works with both R-134a and R-1234yf
- Uses 95% Nitrogen /5% Hydrogen mixture to find leaks electronically
- 96" Red Service Hose, H2/N2 Regulator with 2" delivery and contents gauges
- R-134a and R-1234yf HS Manual Couplers with 1/4" MF
- Protective plastic carrying case

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant



FJC2713

FJC Nitrogen Pressure Tester

- T-Handle for ease of adjustment
- 2-1/2" easy-to-read gauges with rubber protectors, High pressure gauge 4400 psig (300 bar)
- Low pressure gauge 1000 psig (70 bar)
- Kit Includes: Nitrogen Pressure Regulator, Red Charging Hose, Leak Testing Adapter, R-134a HS Coupler and R-1234yf HS Coupler



FJC4972YF

R1234yf Dye Kit Assortment

- 6 bottles of R-1234yf Dye
- Includes glasses and UV light



Mastercool®
"World Class Quality"



MSC53351

Professional UV Leak Detection Kit

- Everything you need to start locating leaks sources with UV light technology
- Locate leak sources in A/C, automatic transmissions, power steering, fuel and cooling systems
- 12 Volt/50 watt UV leak detector light

Kit includes: 1 oz coolant dye, 1 oz oil/ATF/fuel dye, mini dye injector (10 applications of universal A/C dye) which is compatible with R134A and R12 systems, dye remover R12 adapter, UV enhancing safety glasses, A/C connection hose with R134A coupler and 12 service labels.

MSC53451-110

Rechargeable True UV Light with 25 Application Dye Kit

- Rechargeable UV light, batteries, rechargeable batteries, battery holder
- Refillable 2 oz dye injector
- UV enhancing safety glasses
- 2 oz concentrated universal A/C fluorescent dye (53625)
- 4 oz dye remover (53314)
- 25 service information labels



MSC53518-UV

Rechargeable True UV Flashlight

- Rechargeable and AAA battery power source
- Telescoping true UV light
- Packaged with quick recharge adapter
- Dye enhancing UV glasses



Mastercool®
"World Class Quality"



MSC53010-AUT

Nitrogen Leak Test Kit

- Nitrogen pressure regulator leak test kit
- T-handle for ease of pressure adjustment
- HP gauge 4400 psi
- Includes leak testing gauges and hoses

MSC53513-UV

True UV flashlight

- Aluminum construction anodized finish
- High intensity UV bulb
- Easy grip texture
- Includes safety glasses



MSC53909

Leak Shield 1oz. Injection Kit

- Stops leaks and prevents future leaks
- Non clogging sealant and universal dye
- Complete injection kit
- For R-12 and 134A systems
- Safe for Hybrids
- 1 year warranty on material and workmanship



MSC55600

Black Series IR Refrigerant Leak Detector

- Innovative infrared sensor offers an extended sensor life of 10 years
- Easily select high, medium and low sensitivity levels with a maximum sensitivity up to 0.14 oz/yr
- Advanced TFT screen provides clear and easy readings using color graphics that show leakage, sensitivity, battery level and sensor fault indicators



Mastercool®
"World Class Quality"

MSC56100

Raptor Refrigerant Electronic Leak Detector

- Digital micro processor
- Reset feature
- Visual leak indicator
- Keypad control
- Sensitivity level adjustment



Mastercool®
"World Class Quality"

MSC56200

Raptor Electronic Leak Detector with UV Blue Light

- Digital Signal Micro Processor
- Mute Function
- Visual Leak Level Indicator
- Reset Function
- Keypad Control
- Sensitivity Level Adjustment
- Battery Test Function
- Variable Frequency Audible Alarm
- Ultra Bright UV/Blue LED Light
- Packaged in a blow molded case with UV glasses, 2 "C" batteries and sensor tip



TIF8900

Combustible Gas Detector

- Solid state sensor technology, long life and precision
- Broad band of combustible gas detection
- Sensitivity as low as 5 ppm
- LED Leak Intensity Lights
- Made in USA



TIFXP2

Replacement Tips (3 each)
for TIFXP-1A, RX-1A and XL-1A



ROB16235

Tracker A/C Leak Detection Kit

- One squeeze injects a pre-measured amount (1/8 oz.) of dye - no more adding too much dye
- Fluoresces dye from up to 50' away
- Meets the new SAEJ2297 standard for use with both R134a and R1234YF

Kit includes: Injection gun, fluorescent light, fluorescent leak detection dye, fluorescent dye cleaner, and UV glasses



ROB16350

Complete UV Detection Kit

- Powerful 50-watt/12-volt UV lamp with cord and battery clips
- Injection gun with R-134a hose and R-12 adapter
- 4 universal A/C dye twist-on cartridges. Enough dye for 20 applications
- UV enhancing glasses with dye cleaner • Service stickers



ROB16355

Dye Injection Kit

- Injection gun with R-134a hose and R-12 adapter
- Service stickers
- Four universal A/C dye twist-on cartridges, enough for 20 applications
- This dye injection kit is for those who already have a UV lamp, yet want to have the best kit in UV detection.

ROBINAIR

ROBLD9-TGKIT Tracer Gas Leak Detector Service Kit

- Full color LCD with user-friendly message and error screens
- Automatic calibration and reset to ambient air
- High-intensity LED inspection light
- True mechanical pump • Audio mute function
- Uses 4 AA alkaline batteries • Certified to SAE J2970
- Patented 3 LED ultraviolet (UV) lights with 395–415 nm wavelengths optimized for A/C dye fluorescence
- Includes 134a and 1234yf high-side coupler, hose and regulator for tracer gas
- 2-year warranty

ROBLD9-TG Tracer Gas Leak Detector (Unit Only)

ROBLD3 LD3 Refrigerant Leak Detector

- R-134a and R-1234yf compatible
- Automatic calibration and reset to ambient
- Long life, stable sensor
- 3 adjustable sensitivity levels
- Uses 4 AA alkaline batteries, included

The LD3 uses an audible alarm to alert technicians of leaks and is equipped with a stable sensor.



ROBINAIR

ROBLD5 LD5 Refrigerant Leak Detector

- R134a and R1234yf compatible
- Unique color graphic LCD display
- 3 adjustable sensitivity levels
- High intensity LED inspection light
- Automatic calibration and reset to ambient
- Covered by a 2-year warranty
- Uses 4 AA batteries, included

ROBLD7 LD7 Refrigerant Leak Detector

- R134a and R1234yf compatible
- Sweep mode function to pinpoint leak source
- Automatic calibration and reset to ambient
- Patented 3 LED UV lights with 395–415 nm wavelength is optimum for a/c dye fluorescence
- 3 adjustable sensitivity levels
- Covered by a 2 year warranty
- Uses 4 AA batteries, included



LEAKFINDER

AFTERMARKET LEAK DETECTION SOLUTIONS

TRALF021 A/C and Fluid Leak Detection Kit

- Includes: (1) 1oz bottles of LeakFinder® Universal A/C, Fluid and Coolant Dyes. Includes (1) re-usable syringe, R-134a hose/coupler and purge fitting, LeakFinder® UV lamp and fluorescence-enhancing glasses in a carrying case

LEAKFINDER

AFTERMARKET LEAK DETECTION SOLUTIONS

TRALF040CS Solo-Shot Single-Use Syringe Leak Detection Kit

- (4) Single-use, disposable syringes, pre-filled with LeakFinder® universal A/C dye
- LeakFinder® cordless, blue light LED leak detection flashlight
- SOLO-SHOTT R-134a hose/coupler and purge fitting
- (4) Single-use, disposable syringes, pre-filled with LeakFinder® universal A/C dye
- (4) Single-use, disposable syringes, pre-filled with LeakFinder® universal A/C dye



LEAKFINDER

AFTERMARKET LEAK DETECTION SOLUTIONS

TRALF016 BigEZ™ Universal A/C Leak Detection Kit

- 8 oz. (237 ml) Universal A/C Dye Cartridge
- LF500CS UV Lamp in a carrying case
- Caulking-gun style injector, R-134a hose/coupler and purge fitting

LEAKFINDER

AFTERMARKET LEAK DETECTION SOLUTIONS

TRALF400 Leakfinder™ Cordless, Blue Light LED Leak Detection Flashlight

- Power comparable to high intensity 75-watt lamps
- Lanyard included



LEAK DETECTION

LEAKFINDER™
AFTERMARKET LEAK DETECTION SOLUTIONS

TRALF500CS

LeakFinder UV Lamp

- Fluorescence-enhancing glasses
- Violet • LED
- Three (3) AAA batteries



LEAKFINDER™
AFTERMARKET LEAK DETECTION SOLUTIONS

TRALF810

4 Piece LeakFinder™ Universal A/C Dye Injection Kit

- Includes Caulking gun-style dye injector assembly, BigEZ™ R-134a hose/coupler and purge fitting, and 8 oz (237 ml) BigEZ™ universal multi-dose A/C dye cartridge



TRACER PRODUCTS

THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION



TRATP9367L

Marksman II Ultrasonic Tool with Laser Pointer

- Convert and amplify inaudible ultrasonic sounds into audible "natural" sounds
- Perfect for pressurized leaks
- 5-LED signal intensity indicator and audible alarm
- Unique ultrasonic emitter helps locate faulty leaks in non-pressurized enclosures

TRATP9790-BX

BigEZ™ A/C Dye for R1234YF

- OEM Approved
- Co-solvent free and certified to meet SAE J2297
- Kit Includes: TP9770-8 8 oz (237 ml) BigEZ™ Universal/Ester cartridge, TP-9749 EZ-Shot™ caulking gun-style dye injector assembly, TP-9747 18" (46 cm) R-134a hose/coupler with check valve



TRATP9792-BX

BigEZ™ A/C Dye for R1234YF

- EZ-Shot™ R-1234yf/PAG A/C dye injection kit with TP9725-8 dye cartridge
- OEM Approved
- Co-solvent free and certified to meet SAE J2297



TRATP9824-BX

EZ-Ject R1234YF Dye Injection Kit

- OEM Approved
- Co-solvent free & certified to meet SAE J2297
- Kit includes: TP9825 EZ-Ject™ R-1234yf/PAG cartridge, TP-9845 EZ-Ject™ dye injector assembly, 128021 R-1234yf hose / coupler and purge fitting



TRACER PRODUCTS

THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION

TRATPOPUV16

Complete A/C and Fluid Dye UV Leak Detection Kit

- EZ-Shot kit with, TPOPUV OPTI-PRO UV flashlight, TP9770-8 dye, TP3400 Oil Dye, TP-3900 Coolant Dye, GLO-AWAY™ Plus, TP-9940 glasses, R1234YF Adapter and medium green carrying case



TRATP9841-BX

EZ-Ject Universal/Ester A/C Dye Injection Kit TP9

- Cartridge of universal ester A/C dye (TRATTP9870)
- R-134a hose/coupler & purge fitting (TRATP9847)
- R1234YF adapter (TRATP9831CS)
- EZ-Ject dye injector assembly (TRATP9845)



TRATPOPUVM

OPTI-PRO™ UV MAX Cordless, Violet Light LED Flashlight with 3 AAA and TP9940 Glasses



TRATPOPUVMR

OPTI-PRO™ UV MAX R Cordless, Rechargeable, Violet Light LED Flashlight with Lithium-Ion Battery, Charger and TP9940 Glasses



TRATPOPUV

OPTI-PRO UV Cordless, Violet Light LED Flashlight

- Focus feature
- OPTI-PRO UV cordless, violet light LED flashlight with 3 AAA batteries and TP-9940 glasses



TRATPOPUVP

OPTI-PRO UV Plus Cordless, Violet LED Flashlight

- With lithium-ion battery, charger and TP-9940 glasses
- Focus and strobe feature





UVU332220A

Spotgun Jr. Pico Lite ExtenDye kit

- Pico-Lite 1 watt LED (3 AA batteries included)
- Spotgun Jr. Injection System with R-12 and R-134a adapters
- A/C ExtenDye Cartridges (2 x 1oz.) services up to 20 vehicles
- UV enhancing glasses and service stickers
- Rugged storage case



UVU332005A

Spotgun™ Jr. UV Phazer™ Black (AAA) Leak Detection Kit with ExtenDye™

- Spotgun™ Jr. Injection system
- UV Phazer™ Black (AAA Batteries) True UV LED Light
- ExtenDye™ 4 (1 oz.) cartridges
- New additive package included in the A/C ExtenDye™
- Includes UV enhancing glasses and services up to 40 vehicles



UVU414565A

Rechargeable SpotGun UV Phazer Kit with ExtenDye

- The Shotgun/Phazer Black Kit features the light
- Spotgun injection system
- One 8 oz A/C ExtenDye cartridge
- UV dye enhancing glasses



UVU330500YF

Spotgun Jr. UV Injection System For 1234YF Systems

- Includes six 1/4 oz. one-shot cartridges of ExtenDye UV dye
- Includes 1234YF refill hose and adapter



UVU331500A

Spotgun Jr. Injection System With ExtenDye

- Spotgun Jr. Injection System with R-12 and R-134a adapters
- A/C ExtenDye Cartridges (2 x 1 oz.)
- A/C ExtenDye with QuietCool Technology
- Services up to 40 vehicles and includes service stickers
- Rugged case



UVU381400

Spotgun Jr. HFO Injection Kit

- 8 x 1 oz. PAG 46 HFO cartridges
- Works exclusively on 1234yf systems
- Quickly injects a precise amount of oil in the A/C system
- Clean and efficient way to inject oil into the A/C system



UVU381450

Spotgun Jr. Dual Injection Kit

- R1234yf service coupler and oz. PAG 46 HFO cartridges
- Works on both R134a and R1234yf systems
- Quickly injects a precise amount of oil into an A/C system



UVU471500A

Spotgun™ Injection System with ExtenDye™ (8 oz.)

- Includes low-side hose, R12 and R134a adapters

LEAK DETECTION



UVU481500

Spotgun™ Oil Injection Kit

- Spotgun injector with R-12 and R-134a adapters
- PAG 46 oil cartridge (8 oz.)
- Excellent for use with SAE certified RRR A/C Equipment
- SAE J2788 standard compliant



UVU480550

Leak Guard One Shot Spotgun Jr. Kit

- Detects leaks with premium UV dye
- Quickly and effectively stops leaks with Leak Guard technology
- Additive package enhances A/C system performance
- Will not harm A/C systems or recovery equipment
- Includes two one ounce cartridges and Spotgun Jr. Injection system



UVU480501

Leak Guard One Shot Cartridge

- Quickly and effectively stops leaks with Leak Guard technology
- Detects leaks with premium UV dye
- Additive package enhances A/C system performance and prolongs life
- Will not harm A/C system or recovery equipment
- Works with metal Spotgun Jr. injection system



UVU471112

UV Glasses



UVU413020

PICO-LITE - 1-Watt

Luxeon® Cordless UV Light

- Compact and powerful LED fluorescent leak detection light
- Battery powered utilizing a Luxeon® LED bulb, the latest in high-intensity LED technology
- Compatible with all UV leak detection dyes



UVU413025

Phazer NEO UV LED Light

- High-output UV LED
- Adjustable focusing lens
- Rechargeable lithium-ion battery
- Durable aluminum construction
- Compact design



UVU413065

Phazer™ Black (Rechargeable) True UV Light

- High-power UV LED
- Adjustable focus capability
- Lithium-ion battery provides 2 hours of power
- Rugged aluminum housing makes it super versatile
- Includes charger and UV enhancing glasses



UVU413075

Phazer™ Black True UV Light

- High power UV LED Fluoresces dye brighter than the competition
- Adjustable focus
- Rugged aluminum housing make it super versatile
- AAA Batteries provide 3 hours of power
- Includes UV enhancing glasses



DYES & INJECTORS - R1234YF

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

FJC2459 R1234YF Refrigerant Oil - 1 Quart

- This oil is needed for systems using R1234YF Refrigerant
- ZEROL® HD46
- ISO 46 grade



FJC6810 R1234YF A/C Dye

- Fluorescent leak detection dye
- 4 individual applications per bottle
- For use with R-1234yf
- Only need .25 oz for 8 oz

FJC

Air Conditioning Products
Tools, Equipment & Refrigerant

FJC2724 Oil/Dye Injector R-1234yf

- 2 oz refillable with oil or dye
- Hand turn design
- Use without adding refrigerant to a system

FJC2739 R1234YF Oil Injector

- Designed for use with FJC6850
- Use Injector to add 2 oz of R1234YF oil to an R1234YF air conditioning system under pressure or during service
- Fitting sizes: 1/4" SAE female RH thread x 1/4" SAE male RH thread



Mastercool® Inc.
"World Class Quality"



MSC53123-YF 1234yf Oil/Dye Injector

- Heavy duty aluminum construction
- Manual coupler
- 1/10, 1/4 oz and mm injection markings

ROBINAIR®

ROB16241 Tracker Universal Super Concentrated A/C Dye, 8 oz.

- Provides 32 applications
- Compatible with all materials found in a vehicle's A/C system
- OEM backed and approved



ROB16242 Tracker Universal A/C Fluorescent Dye

- Twelve 1/4 oz. bottles, 12 applications
- Brightest dyes to help find leaks faster
- OEM backed and approved
- Solvent-free formula
- Meets the new SAE J2297 standard for use with both
- R134A and R1234YF
- REACH and CLP compliant



ROB16240 Universal A/C Dye For Tracker

- Can be detected using any UV or blue light
- Safe for hybrids
- Application is 1/4 ounce per 12 ounce oil per vehicle
- Solvent-free formula that is OEM backed and approved
- Meets the new SAE J2297 standard for use with both R134A and R1234YF, and is REACH and CLP compliant



ROBINAIR®

ROB16357 Universal A/C Dye 6 Replacement Cartridges

- Six twist-on cartridges, 0.2 oz. (6 ml) each
- Enough dye for 6 applications
- OEM-approved and SAE-certified dye
- Service stickers included



ROB16356 Universal A/C Dye 4 Replacement Cartridges

- Four twist-on cartridges, 1oz. (30 ml) each
- Enough dye for 20 applications

ROBINAIR®

ROB18470 1234YF POE Oil Injector

- Labeled for POE ND11 oil
- Inject specified 1234YF oil under pressure
- One year warranty • Made in USA



ROB18465 R-1234YF PAG Oil Labeled Syringe-Type Injector

- R-1234YF manual low side coupler
- Holds 1/2 ounce of oil • 1/8 oz increments



ROB18460 1234YF Oil Injector

- Syringe-type low side oil injector
- Designed for charged systems



TRACER PRODUCTS

THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION



TRALF180CS Reload™ Refillable Syringe Leak Detection Kit

- Includes: LeakFinder® cordless, blue light LED leak detection flashlight, A/C dye syringe injector
- Services up to 32 vehicles

TRALF1008 LeakFinder™ 8-oz. (237 ml) Bottle, Universal A/C Dye

- Find leaks in A/C systems
- Compatible with all refrigerants
- Will glow green when used with A/C leak detection flashlights
- Services up to 32 vehicles



TRALF1001 LeakFinder™ (6) 1-Oz. (30 ml) Bottles, Universal A/C Dye

- Find leaks in A/C systems
- Compatible with all refrigerants
- Single bottle services up to 4 vehicles
- Works with all leak detection flashlights



TRACER PRODUCTS

THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION

TRATP9870-P6 0.5 oz (15 ml) Universal/Ester EZ-Ject A/C Dye, 6 Pack

- (6) 0.5 oz (15 ml) universal/ester EZ-Ject™ A/C dye cartridges (R1234YF compatible)
- Services all systems
- Glows Green



TRALF1800 8 oz. (237 ml) Universal BigEZ™ A/C Dye Cartridge

- 8 oz (237 ml) replacement dye cartridge



TRATP9725-8 8 oz R-1234yf/PAG A/C Dye Cartridge

- Services up to 64 vehicles
- OEM Approved
- Co-solvent free and certified to meet SAE J2297



TRATP9770-8 8 oz. Universal Dye Cartridge

- 8 oz (237 ml) universal/ester BigEZ™ dye cartridge
- Services up to 64 vehicles
- Fits caulk-gun injector



TRATP3400-1P6 UV Florescent Dye, 6 Pack of 1 oz (30 ml) Bottles

- Services up to 6 vehicles



UVU488046P 46 Viscosity PAG Oil, 8 oz. Cartridge

- 46 Viscosity PAG Oil for R134a Systems
- Eliminates contaminants from entering the system
- Simply inject the amount of oil you want to add from the convenient 8 oz. oil cartridge
- An excellent way to top up an A/C system, filling a compressor or accumulator / dryer
- From the recognized leader in UV leak detection



UVU488046YF High Quality A/C Oil Compressor Lubricant

UVU480308 LeakGuard Cartridge for Spotgun System (8 oz)

- Designed for use with the Spotgun® Injection System
- The only A/C Sealant available that is certified to meet SAE J2670 Standard!
- Fully compatible with R-134a and R-12
- Contains A/C UV Dye
- Services 8 vehicles



UVU488016E Universal ESTER Oil with Dye and eBoost™ - 16 oz./480ml Bottle

- Includes MoistureGuard™ Technology, which is highly effective at removing and inhibited moisture
- With Universal ESTER, no need to stock multiple grades of oil
- eBoost™ is a performance enhancing supplement developed by UViView® to boost the performance of lubricants

UVU488016P Universal PAG Oil with Dye and eBoost™ - 16 oz./480ml Bottle

- Includes MoistureGuard™ Technology
- With Universal PAG oil, no need to stock multiple grades of oil
- eBoost™ is a proprietary performance enhancing supplement to boost the performance of the A/C system and compressor



DYES - R1234YF



UVU488046PBD
PAG 46 A/C Oil With ExtenDye
High Performance Lubricant, 8 oz.

- High quality A/C compressor lubricant in 46 viscosity
- Includes super-concentrated UV Dye for fast leak detection
- Contains ExtenDye
- Enhanced additive package reduces wear, extends component life, and improves the efficiency of the A/C system



UVU488100PBD
PAG 100 A/C Oil with ExtenDye

- High quality A/C compressor lubricant in 100 viscosity
- Includes super-concentrated UV Dye for fast leak detection
- Includes A/C ExtenDye
- Enhanced additive package reduces wear, extends component life, and improves the efficiency of the A/C system
- Compact 8 oz. bottle reduces shipping costs



UVU399046YF
PAG 46 Cartridge - 1 oz.
PAG 46 Oil Cartridge 1234YF - 1 oz.



UVU499005
Spotgun™ Universal A/C Dye Cartridge

- OEM Approved and SAE-J2297 certified
- 4 oz. (120 ml) cartridge services 32 small A/C systems or 16 regular A/C systems



UVU499024A
A/C ExtenDye™ 1 oz. Bottle, Pack of 6

- Super concentrated dye detects leaks quickly
- Added friction modifier and anti-wear additive improves efficiency
- Antioxidant stops acid formation and prolongs oil life
- SAE certified for use in R-134a and R-1234yf systems
- QuietCool Technology
- SAE J2297 certified, hybrid safe, and is solvent-free



UVU499012A
A/C ExtenDye™ Bottle 1/4 oz., Pack of 12

UVU399020A
Spotgun Jr. A/C ExtenDye™ Cartridges (1 oz.)

- Concentrated dye detects leaks quickly
- ExtenDye additive package
- Friction modifier increases lubricity
- Anti-wear additive reduces friction



UVU399006A
A/C ExtenDye™ Cartridge 1/4 oz.

- Added friction modifier and anti-wear additive improves efficiency
- Antioxidant stops acid formation and prolongs oil life
- Works exclusively with the Spotgun Jr. Injection System
- SAE certified for use in R-134a and R-1234yf Systems
- J2297 certified, hybrid safe, and solvent-free



UVU499008A
A/C ExtenDye™ - 8 oz Bottle

- Super concentrated UV A/C Dye with ExtenDye
- J2297 SAE certified
- Friction modifier increases lubricity
- Anti-wear additive reduces friction
- Antioxidant reduces acidity and prolongs oil life



UVU499108A
A/C ExtenDye™

- Superconcentrated dye detects leaks in the vehicle A/C system
- Contains friction modifier to increase lubricity
- Contains anti-wear additive
- Reduces friction and heat
- Extends A/C component life





- FJC2484**
PAG Oil 46 - 8 Ounce
- PAG Oil 46 with UV Dye 8 oz
 - Synthetic PAG Oil for Mobile A/C Systems
 - As recommended by OE and Compressor Manufacturers



- FJC2480**
PAG Oil with Fluorescent Leak Detection Dye - Quart
- Compatible with R134a and R12
 - Compatible with mineral, ester, paraffin and PAG oil



Mastercool®
"World Class Quality"

- MSC53910**
Leak Shield 1 oz Replacement Cartridge
- Stops leaks and prevents future leaks
 - Lubricates AC system
 - For R-12 and 134A systems
 - Safe for Hybrids
 - Made in USA



TRACER PRODUCTS

THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION

- TRATP39400601**
Case of (6) 1 oz. bottles
- Ford-approved, fluoresces bright green, requires a long wave UV lamp such as the TP-1600P, TP-1700P or TP-35000 Maxima series
 - For use with all coolants, including red/orange or yellow extended life coolants
 - Safe to remain in the system until the coolant is changed
 - Coolant Dye



- TRATP9760-8**
8-oz DYE A/C PAG BEZ 1X80Z
- 8 oz (237 ml) R-134a/PAG BigEZ™ A/C dye cartridge
 - Services up to 64 vehicles
 - OEM-Grade

TRACER PRODUCTS

THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION

- TRATP39000601**
Engine Coolant Dye - 1oz.
- Case of (6) 1 oz. bottles for single billable servicing
 - Services either 1 vehicle's radiator coolant system or 60 gallons of water per 1 oz bottle
 - Finds leaks in radiators, hoses, water pumps and fittings



- TRATP30900601**
Gasoline Engine Oil Dye, 1 oz Bottle, 6 Pack



- UVU399020EU**
AC Dye Cartridges
- 4 Cartridges
 - 1 ounce / 30 mL dye
 - SAE-J2297 certified & OEM approved dye
 - Service stickers
 - Spotgun Jr. replacement A/C dye cartridges



- UVU560500**
Combustion Leak Check Test Fluid - 16 oz. Bottle
- Tester fluid changes color when a leak is present
 - Gasoline engine: tester fluid changes from blue to yellow
 - Diesel engine: tester fluid changes from blue to green



- UVU480301**
LeakGuard™ Refill Cartridges
- Oil based; will not crystallize
 - One cartridge services one vehicle
 - Will not clog components or equipment
 - LeakGuard™ seals metal and rubber components





UVU483208

Multi-Purpose Dye - 8 oz. Bottle

- 8 oz (240 ml) bottle, (8 applications) with precise measuring device built-in
- Works with most UV lights
- Reduces inventory as one dye covers a wide range of applications



UVUB483206

Multi-Purpose Dye - 6 Bottles

- Six (1 oz./30 ml) applications
- Only dye needed for engine oil, transmission fluid, power steering fluid, hydraulic oil, gasoline and diesel fuel
- Works with most UV lights



UVU488125P

125 Viscosity PAG Oil for R134a Systems

- Eliminates contaminants from entering the system
- Simply inject the amount of oil you want to add from the convenient 8 oz. oil cartridge
- An excellent way to top up an A/C system, filling a compressor or accumulator / dryer
- From the recognized leader in UV leak detection



UVU488150P

150 Viscosity PAG Oil for R134a Systems

- Eliminates contaminants from entering the system
- Simply inject the amount of oil you want to add from the convenient 8 oz. oil cartridge
- An excellent way to top up an A/C system, filling a compressor or accumulator / dryer
- From the recognized leader in UV leak detection



UVU483908

Radiator Coolant Dye - 8 oz. Bottle

- Works in standard glycol coolant (green)
- Convenient 8 oz. bottle with built in precise measuring device
- Works with most UV lights
- Dye installed service stickers included
- Services 8 vehicles



UVUB483906

Radiator Coolant Dye

- Specifically designed for standard glycol coolants (green)
- Convenient individual application bottles, 6 Bottles (1 oz./30 ml)
- Works with most UV lights
- Dye installed stickers included
- Pinpoint leaks in cooling systems, including Radiator, Hoses, Fittings, Water Pumps and Head Gaskets



UVU488108E

100 Viscosity ESTER Oil, 8 oz. Cartridge

- For R134a Systems
- Eliminates contaminants from entering the system
- Convenient 8 oz. oil cartridge
- An excellent way to top up an A/C system, filling a compressor or accumulator / dryer



UVU488100P

100 Viscosity Pag Oil 8 Oz Cartridge

- Utilizes the award-winning Spot-gun injection system
- Allows you to inject a precise amount of dye into a pressurized system via the low side service port
- Eliminates moisture from entering the system
- From the recognized leader in UV leak detection

FITTINGS - R1234YF



CPSQC1214SET

14mm HFO Manual Coupler Set



CPSQC1234SET

12mm HFO Manual Coupler HiSide



CPSQCH1234

12mm HFO Manual Coupler HiSide HiSide



CPSQCH123414

1234YF 1/4" HFO Female High Side Coupler



CPSQCL1234

12mm HFO Manual Coupler LoSide



FITTINGS - R1234YF



FJC6072YF

R1234yf Adapter Assortment

- Most Popular Adapters for R1234YF
- Easy to use



FJC6840

Top Can Tap R-1234yf

- Brass valve
- For R1234YF yellow hose
- 1/2" ACME LH threads
- For use with self-sealing cans



FJC6842

Can Tap 3-Way

- Works with R1234YF, R134A and R12



FJC6820

R134a to R1234YF

6 Piece Conversion Kit with Manual Coupler

- Use to convert R12 or R134A Manifold gauge sets to connect to R1234YF Mobile A/C systems
- 2 brass fittings (M12 x 1/4" SAE) to connect the High and Low side manual couplers to 1/4" R12 hoses
- 2 brass fittings (M12 x M14) to connect the High and Low side manual couplers to M14 R134a hoses



ROB18124

Service Coupler Set (AC1234-6)

- High side (red) and low side (blue)
- To service 1234yf A/C systems
- One year warranty



ROB18122

Blue Low-Side Service Coupler For AC1234-6

- Low-side (blue)
- Suits Robinair AC1234-6
- To service 1234yf A/C systems
- 1 year warranty



ROB18123

Service Coupler, High-Side (red) (AC1234-6)

- High-side, Red
- Suits Robinair AC1234-6
- Services 1234yf A/C systems
- One year warranty



CPSQL1234-14

HF0 1/4" Manual Coupler LoSide

- For HF01234YF



TRALF60CS

R1234YF Adapter



Mastercool®
"World Class Quality"

MSC63736-K

R134A to 1234YF Conversion Kit

- Convert R134A gauge set to R1234YF
- High and low side standard 1234YF couplers
- 1/2" Acme M x 1/2" Acme F tank adapter
- 2 12mm M x 14mm F 1234yf adapters



MSC83736-K

Deluxe R1234A to R1234YF Conversion Kit

- Converts 134A gauge set to 1234yf
- High and low side manual 1234yf couplers
- 1/2" Acme M x 1/2" Acme F left hand thread adapter
- 2 - 12mm M x 14 mm F 1234yf adapters



MSC67434

R1234YF High Side Red Quick Coupler

- Brass construction
- Six ball bearing design
- 12mm x 17mm design
- Fast easy connection to R1234yf service fitting



MSC67534

R1234YF Low Side Quick Coupler

- 6 ball bearing design
- Fast easy connection to R1234yf service fitting
- Brass construction
- 12mm x 14mm



MSC85512-YF

R1234YF Depressor Style Can Tap Valve

- 1/2" ACME LH thread for use with self sealing reusable cans
- Gasket protected to prevent leaks
- Built in safety check valve
- Works with SAE J2888 fittings
- All metal construction provides durability

MSC85535-YF

R1234YF Depressor Style Can Tap Recharge Kit

- 18" blue low side R1234yf hose
- R1234yf low side coupler
- 1/2" ACME-LH thread for use with R1234YF self-sealing/reusable designed cans
- Works with SAE J2844 fittings



MSC53376

R134A/R1234YF AC System Visual Inspection Sight Glass

- Allows user to visually inspect the refrigerant in any R134A or R1234YF system and identify excess dye, oil or debris
- Allows the user to extract a small portion of the refrigerant for actual visual inspection
- Leak free, ball valve controlled and will allow the refrigerant extracted for the visual inspection to be deposited back into the system



MSC53376

MSC53376-YF

R1234YF Refrigerant Visual Inspection Sight Glass

- To View Condition Of Refrigerant & Refrigerant Oil In Automotive Ac Systems
- TO BE USED ON R1234YF SYSTEMS
- Allows the technician to visually inspect the refrigerant
- SAE approved blue and red hoses
- Standard 1234YF couplers

FITTINGS

cps®

CPSAD12
1/2 ACME Adapter Tank
• Male LO side R-124a
• Application: R-134a automotive tanks



CPSTLCT1234
3-in-1 R12/R134A
Oil Side Can Tap

- Integrated hinged inserts
- Use with R-134a, R-12 and oil charge cans
- High impact HDP composite construction for durability
- 1/4" (R12) and 1/2" Acme (134a) fittings for versatility



CPSQC14SET
Conversion Style Coupler Set R12 to R134A

- Chrome manual couplers
- Chrome body, aluminum anodized colored knob
- 1/4" SAE male fitting • 6-ball design
- Self sealing



CPSQC134SET
Premium Chrome Manual Couplers

- Latching balls
- Cross pin valve depressor design
- Safety sleeve to prevent venting
- Chrome body and aluminum anodized knob



cps®

CPSQCH134
Auto Cplr Brass
Hi Side 14MM

- Self sealing
- Chrome body with aluminum anodized knob
- 6 Ball locking
- Safety seal sleeve



CPSQCH14
R134A Hi Side
90 1/4" SAE

- 5 ball coupler
- Chrome Forging and anodized aluminum knob
- Self sealing



CPSQCL134
Auto Coupler Brass
Lo Side 14mm

- Chrome forging
- 5 Ball coupler
- Chrome body with aluminum anodized knob
- Cross pin valve design
- Self sealing



CPSQCL14
1/4 SAE X 134A Lo Side Coupler

- Chrome forged body
- Self sealing
- 5 ball design
- Chrome body and aluminum anodized colored knob
- Cross pin depressor



Mastercool®
"World Class Quality"

R134A 14mm-F x 13mm
Quick Manual Couplers

- Patented manual couplers adjust easily to R134a service ports with varying dimensions



MSC82934 - Low Side
MSC82834 - High Side

Safety Lock R134A Couplers

- Locking Sleeve prevents accidental coupler removal
- Releases with manual operation of coupler
- Heavy duty low refrigerant loss design



MSC82934-SL - Low Side
MSC82834-SL - High Side

Mastercool®
"World Class Quality"

MSC85512
134A Depressor Style Can Tap

- Gasket protected for leak proof operation
- For use with small refrigerant cans with valve core



MSC85535
134A Recharge Kit for Depressor Style Cans

- Built in safety check valve
- For use with small refrigerant cans with valve core
- Full grip design
- Gasket protected



MSC85530
Refrigerant and Oil Charge
Can Tap Valve 3-in-1 Tool

- Unique design will work on all R134A (2-7/8"), R12 (2-1/2") and oil charge (2") cans
- The outlet port offers a 1/2" ACME and 1/2" FL fitting with an internal check valve to prevent system backflow



ROBINAIR®

Manual Service Coupler for R134A

- Quick connect design has an integral safety sleeve which protects against injury and refrigerant loss if the coupler is disconnected under pressure

ROB18190A - Low Side
ROB18191A - High Side



ROB18192
High and Low-side Manual Couplers Set

ROBINAIR®

ROB16301
Low Side Tank Adapter

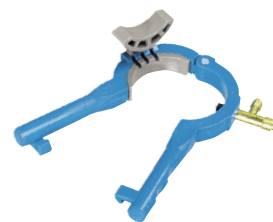
- 1/2" ACME Female x Lowside Spud used for tank fill and maintenance procedure



ROBINAIR®

ROB10102
Multi-Purpose Refrigerant Side Can Tap

- Hinged design means no inserts to lose
- Adapts to R12, R134a and their respective oil cans
- 1/4" flare and 1/2" ACME ports with anti-blow-back valves



ROBINAIR®

ROB10328
Hose Extension Coupler - 1/2" Acme External x 14mm Internal

- Connect any number of hoses to get the extra length you need
- Most common couplers used in the agriculture, construction and logging industries
- Harden Steel with 2900 PSI Rating





Mastercool®
"World Class Quality"

MSC58490-YF Valve Core Remover/Installer For R1234YF Vehicles

- Remove valve cores with no refrigerant loss
- Covers all valve cores 1234yf vehicles



MSC58490 Universal A/C Valve Core Remover and Installer Kit R12 / R134A

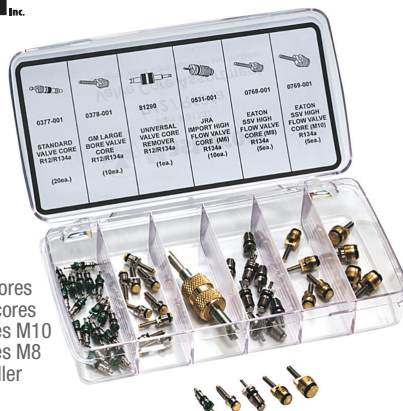
- These tools allow the user to service valve cores without losing the systems charge
- Makes removal or insertion much easier, especially on the larger R134A valve cores



Mastercool®
"World Class Quality"

MSC91337 R12/R134A Valve Core Repair Kit

- Includes:
- (20) access valve cores and (10) valve cores
 - (10) R134a JRA High/Low import valve cores
 - (5) R134a Domestic high flow valve cores M10
 - (5) R134a Domestic high flow valve cores M8
 - (1) R12/R134a valve core remover/installer



OTC6073 AC Line Disconnect Tool Toyota

- Used to release the plastic quick connect fittings on the high- and low-pressure air conditioning lines at the evaporator
- Easy to use, the plastic fitting on the A/C line is rotated to show access to the two release holes in the fitting; tool is inserted into release holes, and pushed to release the fitting



Mastercool®
"World Class Quality"

MSC81290 Universal Valve Core Remover/Installer (R12 and R134A)

- Double ended for easy replacement of standard and large bore valve cores for R12, standard and JRA (M6) EATON (M8, M10) valve cores for R134a



MSC81490 R134a Valve Core Remover and Installer

- For high (16 mm) and low (13 mm) service port standard type valve
- Designed for use of servicing valves in R134a systems with standard valve cores
- Built-in ball valve retains charge and allows access to A/C system



MSC91290 Universal Valve Core Remover For R12

- Brady 91290, Arrow Tape (Pack of 4 pcs)
- Directional flow arrow tape can enhance safety, improve operating efficiency and provides 360 degree visibility
- Tapes are made of durable B-946 material that withstands the elements indoors and out. Supplied in liner-mounted rolled form - use two bands per marker.



ROB10986 Deluxe A/C Orifice Tube Service Kit

- Use this kit to remove complete or damaged tubes A/C orifice
- Use on Ford and GM cars having the number 3096068 orifices
- The screened orifice for A/C cycling clutches requires this special puller
- Comes with an extender body
- Removes tubes



ROB40330 Piercing Valve with Valve Core

- Fits 3/16", 1/4", 5/8", 3/8" OD



ROB10696 AC 4-Square Ratcheting Wrench

- A reversible wrench with four square openings: 1/4" and 3/16" on one end and 3/8" and 5/16" on the other
- Sizes are stamped near the openings
- High quality at an affordable price
- Expertly made from premium materials



ROB42040 Deburring Tool Single Blade





MSC71202

Hydra-Flare Yoke and Assembly

- Tube & die set stabilizing arm
- Magnetic adapter holder
- Enlarged die set compression area
- Improved hydraulics
- Replaces the MSC71201



MSC71098

37° Flaring and Double Flaring Adapter Set

- Allows owners of MSC71475 45° set to now perform all 37° applications
- Includes 3/16", 1/4", 5/16", 3/8" and 1/2" adapters
- Includes 3/16", 1/4", 5/16", 3/8" and 1/2" die sets
- Includes 37° cone



MSC72480

37° Flaring and Double Flaring Hydraulic Tool Kit

- Tube & die set stabilizing arm for easy tube forming
- Enlarged die set compression area for better grip of dies
- Magnetic adapter holder
- Fabricates factory style 37° and 37° double flare found on aviation and specialty automotive applications
- The hand-held hydraulic pump operates with all steel and light stainless tubing
- Includes: 3/16", 1/4", 5/16", 3/8" and 1/2" dies 3/16", 1/4", 5/16", 3/8" and 1/2" double flare adapters and 37° Cone



MSC72475-PRC

Universal Hydra Flaring Tool Set with Tube Cutter

- Tube & die set stabilizing arm for easy tube forming
- Enlarged die set compression area for better grip of dies
- Magnetic adapter holder
- Fabricates: Push Connect 1/4, 5/16 and 3/8"; GM Fuel Line Flare; Brake Lines and Transmission 5/16 and 3/8"; Flare/Double Flare 3/16", 1/4", 5/16", 3/8" and 1/2"; Metric Bubble Flare 4.75, 6, 8, and 10mm



MSC72485-PRC

Universal Hydraulic Flaring Tool Set with GM Transmission Cooling Line Dies And Adapters

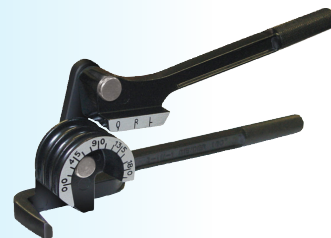
- Tube and die set stabilizing arm for easy tube forming
- Magnetic adapter holder keeps adapters in place
- Equipped with an enlarged die set compression area for better grip of dies
- Includes the 3/8" & 1/2" GM transmission cooling line die and adapter set



MSC70069-A

4-in-1 Tube Bender

- All metal multi purpose 180° tube bender for 3/16", 1/4", 5/16" & 3/8" O.D tubing



MSC71550

Manually Operated A/C Hose Crimper

- "Manual style" A/C hose crimper for crimping barbed and beaded fittings
- Dies snap quickly into place requiring no pins or screws

Kit includes yoke assembly, arbor assembly, holding fixture assembly, die set #6 (5/16"), die set #8 (13/32"), die set #10 (1/2"), die set #12 (5/8") and a carrying case.



MSC71500-A

Hydra-Krimp AC Hose Crimper

- Hydraulic operation
- Covers all A/C hose sizes
- Hand held operation
- Crimp hoses on the vehicle

Patented Hydra-Krimp makes crimping barbed and beaded fittings easy.

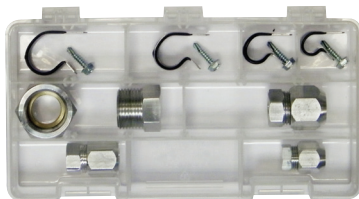
TUBING TOOLS



SRRAC80

A/C Compression Block Off Kit

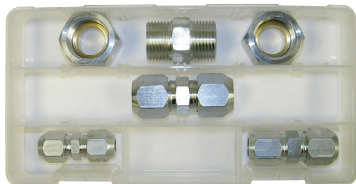
- Perfect for vans, SUV's and other vehicles with failed rear components
- Block off rear A/C lines in minutes
- Make connections easily by hand; no specialty tools required
- Kit includes 3/8", 1/2", 5/8" and 3/4" fittings, includes hanger clamps and screws



SRRAC40

A/C Compression Union Kit

- Heavy Duty unions make rear AC repairs easy and profitable
- Avoid using awkward swedge tools in tight areas
- Made from aluminum, will not rust or corrode
- Avoid expensive OE lines and extensive labor
- Double Seal technology, pressure rated up to 600 PSI



SRRAC50M

Metric A/C Compression Union Kit

- Repair damaged aluminum lines including pinholes, cracks, kinks, and more
- Includes 6 fittings sized 8mm, 10mm, 12mm, 15mm, 16mm, 19mm (qty. 1 each)
- Make connections easily by hand; no specialty tools required
- On-the-car repairs made simple
- Heavy-duty fittings designed specifically for A/C repair applications



SRRAC90M

Metric A/C Compression Block Off Kit

- Includes 6 fittings sized 8mm, 10mm, 12mm, 15mm, 16mm, 19mm (qty. 1 each)
- Perfect for vans, SUV's and other vehicles with failed rear components
- Make connections easily by hand; no specialty tools required



SRRAC1387

Deluxe AC Line Repair Kit

- Repair damaged rubber and aluminum lines including pinholes, cracks, and kinks
- New Double-Seal technology! (O-ring and ferrule)
- Covers most line sizes 3/8", 1/2", 5/8", and 3/4"
- Pressure rated up to 600 PSI



OTC4504

Bubble (I.S.O.) Flaring Tool Kit

- Forged steel yoke, flaring bar, and all the adapters needed for ISO bubble flaring
- Includes four dies: 4.75mm, 6mm, 8mm and 10mm adapters



ROB42080

Ratcheting Tubing Cutter - 1/4" - 7/8" tubing

- Designed for confined spaces
- Spring-loaded adjusting screw applies continuous pressure while cutting
- For cutting 1/4" - 7/8" tubing
- Cuts a variety of materials and metals, including steel



ROB42071

1/8" - 1/2" Tubing Ratcheting Tubing Cutter

- Designed for cutting tubing in confined spaces
- Spring-loaded adjusting screw applies continuous pressure while cutting
- Works on PVC and a variety of metal and steel tubing



EVAPORATIVE COOLERS



HESMC18V

MC18MG Mobile Evaporative Cooler

- Adjustable front louvers for multidirectional airflow
- Portable - with top carrying handle and caster wheels
- Proprietary swept wing prop design for optimal airflow



HESMC26A

MC26A Mobile Evaporative Cooler

- Remote Control • Humidity Controls
- Ice packs included for additional cooling
- Proprietary swept wing prop design for optimal airflow
- Plentiful cooling in indoor and semi-outdoor spaces up to 700 sq/ft.





HESM250 **M250 Mobile** **Evaporative Cooler**

- High Vis Green Trim and power cord
- Adjustable Front Louvers For multidirectional airflow
- 5,300 CFM air flow
- Three-sided cooling padding ensures more cool air circulated, up to 1,600 sq/ft.
- 14.6-gallon water tank
- Other features include 3 fan speeds, fan-only option, and more

HESM150 **M150 Mobile** **Evaporative Cooler**

- Chills and humidifies spaces up to 950 sq/ft.
- 10.3-gallon water reservoir



HESMC18M **1300 CFM Evaporative Cooler**

- Cooling area 500 sq/ft.
- Fixed vent
- 1300 CFM air flow
- 3-sided pad intake area for max. cooling
- 1/15 HP, 0.7 AMPS, 115 VOLTS



HESMC37V **Evaporative Cooler 3100 CFM**

- Cooling area 950 SQ FT
- 3100 CFM air flow
- Air swing delivery system provides maximum coverage
- 3-sided pad intake area allows for maximum cooling
- 1/5 HP, 2.4 AMPS, 115 VOLTS

HESMC37M **Evaporative Cooler 3100 CFM**

- Cooling area 950 SQ FT
- 3100 CFM air flow
- Air swing delivery system provides maximum coverage
- 3 - sided pad intake area allows for maximum cooling
- 1/5 HP, 2.4 AMPS, 115 VOLTS



HESMC61V **Evaporative Cooler 5300 CFM**

- Cooling area 1600 SQ FT
- 5300 CFM air flow
- Air swing delivery system provides maximum coverage
- 3-sided pad intake area allows for maximum cooling
- 1/3 HP, 4.3 AMPS, 115 VOLTS



HESMC61M **Evaporative Cooler 5300 CFM**

- Cooling area is 1600 SQ FT
- 5300 CFM air flow
- Air swing delivery system provides maximum coverage
- 3 - sided pad intake area allows for maximum cooling
- 1/3 HP, 4.3 AMPS, 115 VOLTS



HESMC92V-FPD **Evaporative Cooler 11000 CFM**

- Cooling area is 3000 SQ FT
- Air flow 11,000 cfm
- Air swing delivery system provides maximum coverage
- 3 - sided pad intake area allows for maximum cooling
- 3/4 HP, 5.8 Amps, 115 Volts



EVAPORATIVE COOLERS

PORTACOOOL™

WHEN COMFORT COUNTS™

PORPAC5101A1

Portacool 510 Cooling System

- Practical cooling for compact spaces
- Effectively cooling 300 square feet
- Sturdy rubberized wheels, oscillating louvers, and Kuul Comfort MicroTech evaporative media
- Simply plug into a standard outlet and roll where needed to provide a cost-effective cooling option



Portacool Jetstream™ Series

- Liquid level indicator with automatic pump shutoff protects your product and investment
- Equipped with KUUL evaporative media, the highest-quality evaporative media available and made in the USA exclusively for Portacool products
- Three year warranty on all electrical components
- Lifetime warranty on evaporative cooler housing

PORPACJS2201A1

Portacool Jetstream™ 220 Portable Evaporative Cooler

- 2,400 CFM; Cools up to 700 sq.ft.

PORPACJS2301A1

Portacool Jetstream™ 230 Portable Evaporative Cooler

- 3,600 CFM; Cools up to 900 sq.ft.



PORTACOOOL™

WHEN COMFORT COUNTS™



PORPACJS2601A1

PORPACJS2501A1

24" Portacool Jetstream™ 250

- 8,500 CFM; Cools up to 2,125 sq.ft.

PORPACJS2601A1

36" Portacool Jetstream™ 260

- 12,500 CFM; Cools up to 3,125 sq.ft.

PORPACJS2701A1

48" Portacool Jetstream™ 270

- 12,500 CFM; Cools up to 3,125 sq.ft.

Portacool Replacement Parts Available.
Call for Pricing Today!



Evaporative Coolers	Motor	Pump	Media	Castors	Controls	Covers
PORPACHR3701F1	PORPARMTRH3700A	PORPARPMP01620B	PORPARKULH37000	PORPARCSTH370F0	PORPARCTLH00000	
PORPACHR3601A1	PORPARMTRH3600A	PORPARPMP01640A	PORPARKULH36000	PORPARCSTH360F0	PORPARCTLH00000	
PORPACJS2701A1	PORPARMTRJ2700A	PORPARPMP01710A	PORPARKULJ27000	PORPARPACCST800	PORPARCTLJ27000	PORPARCVRJ27000
PORPACJS2601A1	PORPARMTRJ2600A	PORPARPMP01710A	PORPARKULJ26000		PORPARCTLJ26000	PORPARCVRJ26000
PORPACJS2501A1	PORPARMTRJ2500A	PORPARPMP01710A	PORPARKULJ25000	PORPARPACCST600	PORPARCTLJ25000	PORPARCVRJ25000
PORPACJS2301A1	PORPARMTRJ2400A	PORPARPMP01410A	PORPARKULJ24000	PORPARPACCST400	PORPARCTLJ24000	PORPARCVRJ24000
PORPACJS2201A1	PORPARMTRJ2300A	PORPARPMP00020A	PORPARKULJ23000	PORPARPACCST310	PORPARCTLJ23000	PORPARCVRJ23000
	PORPARMTRJ2200A	PORPARPMP00020A	PORPARKULJ22000	PORPARPACCST310	PORPARCTLJ22000	PORPARCVRJ22000



Floor Fans

Part Number	Description	Price
KTI77712	12" Cordless Tilting Fan with Built-In Battery	
KTI77721	18" Floor Industrial Fan	
KTI77720	20" 4-Way Tilting High Velocity Industrial Fan	
KTI77722	20" High Velocity Tilting Industrial Floor Fan with Wall Mount	

KTI77733

- 18" Pedestal Industrial Fan**
- 1/8 HP energy efficient motor
 - 3-Speed motor
 - 1810 cfm (High)
 - 1540 cfm (Medium)
 - 1332 cfm (Low)
 - 3-blade aluminum design
 - Height adjustment up to 57"
 - 1 Year Warranty

24" Waterproof Pedestal Fans

- 120V/60Hz
- Three speed IPX4 Waterproof Rated Motor
- 7435 CFM
- 6 Foot GFCI Power Cord
- UL&CUL Approved
- * Use KTI77745 Misting Fan Attachment with these Fans

KTI77723 (Non-Oscillating)

KTI77726 (Oscillating)

24" Waterproof Pedestal Fan Kits with Misting Fan Attachment

- Includes KTI77745

KTI77723KIT (Non-Oscillating)

KTI77726KIT (Oscillating)

KTI77745

Misting Fan Attachment

- Uses the pressure generated by the water to evenly distribute a powerful cooling mist
- Perfect for use with KTI77723 & KTI77726

Oscillating 30" Pedestal Industrial Fans

- 1/2 HP energy efficient motor
- 3-Speed motor
- 5320 cfm (High)
- 4272 cfm (Medium)
- 2880 cfm (Low)
- Height adjustment up to 76"
- 1 Year Warranty

KTI77730 (Non-Oscillating)

KTI77734 (Oscillating)

30" Wall Fans

- Wall Fan 30" with three speeds
- 120 Volt / 60 Hz / 2.4 Amps
- High Speed: 1125 RPMs / 7930 CFM with power consumption 280 Watts
- Medium Speed: 1058 RPMs / 6144 CFM with power consumption 230 Watts
- Low Speed: 825 RPMs / 2880 CFM with power consumption 123 Watts

KTI77731 (Non-Oscillating)

KTI77732 (Oscillating)

24" Direct Drive

Industrial Tilting Drum Fans

- 1/2 HP energy efficient motor
- 2 Speed motor
- 6940 cfm (High)
- 5,250 cfm (Low)
- 3-blade aluminum design provides even airflow for quiet operation
- 1 Year Warranty

KTI77740 (Yellow)

KTI77741 (Black)



KTI77737

36" Direct Drive Drum Fan

- 120V/60Hz
- 2 Speed Motor
- High Speed 9000 CFM /
- Low Speed 6300 CFM
- 6 Foot Power Cord
- UL Listed

KTI77735

30" Direct Drive Drum Fan

42" Belt Drive

Industrial Drum Fans

- 7/8 HP energy efficient motor
- 2-Speed Motor
- 14800 cfm (High)
- 11,250 cfm (Low)
- 4-blade aluminum design provides even airflow for quiet operation
- 8" Rubber wheel for easy maneuverability
- Safety yellow powder coated finish
- 1 Year Warranty



KTI77742 (Black)

KTI77743 (Yellow)

KTI77744 (Orange)

KTI77746 (Green)



KTI77760

60" Belt Drive Industrial Drum Fan

- 120V/60Hz
- Two Speeds
- 8.8 Amps
- High Speed 22100 CFM /
- Low Speed 13000 CFM
- 6.74 Foot Power Cord
- 4" Rubber wheels



BLOWER FANS & AIR CLEANING



KT177703 800 CFM Utility Floor Blower

- Power by a 1/5 HP motor, 2.3 amps producing 800 cfm
- 4 Drying Positions: (0°, 20°, Kickstand 45° & 90°)
- Can be stacked and daisy chained for additional drying performance
- 1 year warranty

Utility Blower Fans

- For indoor or outdoor use
- 3 speed with 4-position adjustment for centralized airflow and quick drying
- 1 year warranty

KT177700 (1200 CFM)

KT177702 (300 CFM)



MLW0886-20

M18™ Jobsite Fan (Bare Tool)

- Powerful Airflow System: circulates air over 40 feet
- Provides up to 17 hours of runtime on an REDLITHIUM XC 50 Battery
- Adjustable Head: 120° adjustable head, and 9 stopping positions, provide best control of airflow direction
- AC adaptor included for extended run-time
- Four keyhole hangers and two hanging holes allow for multiple hanging orientations



AIR CLEANING



CLP170AIR Fresh Air Ozone Machine

- Eliminates mold, mildew and bacteria
- Convenience of AC and DC Power
- Programmable Timer



UVU590250

MiST™ Cleaning Solution (12 Pack)

- Each bottle is 3.4 oz. (single application)



UVU590160

MiST™ 2 Ultrasonic Cleaning Unit

- Atomizes MiST™ specially formulated cleaning solution
- Portable 12V DC powered
- Treats mold, mildew and other micro organisms that grow on the vehicles interior surfaces
- Service can be performed on any vehicle



UVU590160P

MiST Promotion

- The Mist Kit targets all vehicles
- Kills mold, mildew, and bacteria in vehicle cabins
- The kit contains the MiST in-car quality air machine
- The kit contains 12 bottles of MiST cleaning solution (EPA approved)
- Easy to operate and utilizes 12 volt DC power



UVU590275

X-Treme Sanitizing Spray (Case of 12)

- Disinfectant Spray for use against SARS-CoV2 (Covid 19)
- EPA Registered
- Effective against Bacteria, including MRSA
- Recommended contact time is 5 minutes
- One 32 oz. bottle treats 12 passenger cars/light trucks



UVU590250SK

MiST X-Treme Sanitizing Kit

- Disinfectant for use against SARS-CoV-2 (Covid-19)
- EPA Registered
- Effective against Bacteria, including MRSA, with 2-minute contact time
- Effective against Viruses in as little as 30 second contact time
- One 32 ounce bottle is more than enough to treat 12 passenger cars/light trucks



UVU590260SK

MiST X-Treme Sanitizing Kit - Scented

- Includes 590260 scented MiST Remarketing Formula





KAS1500

3 Piece Hose Pinch Off Pliers Set

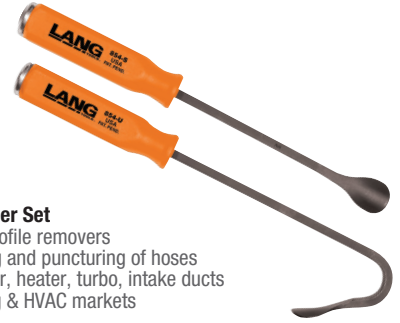
- Contains all three pliers, small, medium & large
- Self locking for firm grip
- 15 degree offset for hard to reach places
- Swivel jaw for positive pressure
- Comes in a plastic pouch • 1 year warranty



KAS854

2 Piece HD Hose Removal/Installer Set

- Set includes straight and bent profile removers
- Rounded profile reduces gouging and puncturing of hoses
- For use on various hoses-radiator, heater, turbo, intake ducts
- Useful in the industrial, plumbing & HVAC markets
- USA Made



MITMV4533

Cooling System AirVac Kit

- Eliminates airlocks in vehicles cooling systems
- Check for leaks while system is under vacuum
- Patent-pending adapter cam mechanism ensures an air-tight seal with radiator and coolant bottle necks
- Quickly refills system without trapping air that can cause overheating



MITMV7270

Cooling System Flusher & Spray Washer, 85 – 150 PSI

- Complete with interchangeable cooling system nozzles for quick and effective flushing of cooling systems without the use of solvents or harsh chemicals. Fits hoses 3/4" to 2" in diameter
- Variable Control Water Valve

Includes: Two interchangeable bayonet nozzles: MVA720 Spray Washer Nozzle and MVA430 Stepped-up Cooling System Flushing Nozzle, 1/4" Air Nipple, 3/4" Washer Inlet swivel and User manual



MITMV4525

Coolant System Test, Diagnostic and Refill Kit

- Patent pending coupler combines pressure, vacuum, and temperature testing capabilities in one kit
- Test cooling system with engine on or off to pinpoint leaks or diagnose blown head gaskets, cracked block, or damaged head(s)
- Refills cooling system in minutes without trapping air that can cause overheating
- Includes four (4) adapters for connecting to the most common radiator and coolant bottle necks found on domestic and Asian automobiles



MITMV4535

Cooling System Air Vac and Refill Kit



MITMV4570

Cooling System Flusher

- Combines water with compressed air to quickly and effectively flush the cooling system
- Stepped-up flushing nozzle fits hoses from 3/4" to 2" in diameter
- Adjustable air flow to provide intermittent blast of air to increase efficiency of flushing system
- Long Lasting, High impact, corrosion resistant construction.
- Working pressure: 85 – 150 psi



Includes: MVA430 Stepped-up cooling system flushing nozzle, 1/4 inch Air nipple, 3/4 inch Water inlet swivel and User manual



OTC6043

"Blast-Vac" Multipurpose Cleaning Gun

- Two simple connections: one to shop air and one to a typical water faucet
- Creates a unique vortex air/water blast for powerful cleaning applications
- The tool can also be used to vacuum by turning the venturi inside the gun in the opposite direction; air flow is reversed to create a strong vacuum





MITMV4510

Motorcycle Cooling System Test Kit

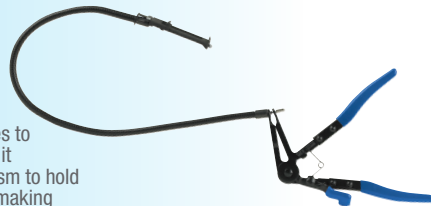
- Durable, lightweight, non-corrosive PVC construction
- Pivoting lever action maximizes output with minimal operator effort
- Gauge displays psi and kpa units
- Powerful in-line piston design
- One finger lever-action vacuum release



OTC4597

Flexible Hose Clamp Pliers with Memory

- A heavy duty 24" cable flexes to almost any shape and holds it
- Pliers have locking mechanism to hold clamp in the open position, making removal and installation of clamp easier
- Allows technician to access the flat type hose clamps located in hard-to-reach areas



MITMVA7607

8" Locking Hose Clamp

- Angled jaws are ideal for accessing tight spaces
- Automatically locks and holds any position, lever-action quick-release



OTC4525

Flexible Hose Clamp Pliers

- Allows technician to access the flat-type hose clamps located in hard-to-reach areas
- Locking mechanism to hold clamp in the open position, making removal and installation of clamp easier
- Heavy duty 24" cable flexes to almost any position
- Pliers is spring loaded to the open position



Mastercool® Inc.
"World Class Quality"

MSC43301-A

27 Piece Master Radiator Pressure Test Kit

- Detects and exposes external system leaks
- Detects internal engine leaks due to blown gaskets or cracked block
- Vacuum type cooling system
- Purge and refill for quick change of coolant
- Test Range: 0 - 35 psi



OTC4502

2 Piece Hose Clamp Plier Set

- Includes a cross slotted jaw pliers and a wide, flat band hose clamp pliers
- Services most ring-type or flat-band hose hose clamps
- Clamps are held open with a ratchet locking mechanism
- Jaws swivel to access hose clamps in any position



OTC4496

Hose Clamp Pliers Set

- Contains five different styles of hose clamp pliers
- Will service most flat-band and ring-style hose clamps
- Also contains a hose removal tool

Set Contains:
Straight Hose Clamp Pliers Set
Hose Removal Tool
Flat-type Hose Clamp Pliers
Offset Hose Clamp Pliers
45° Hose Clamp Pliers



OTC4510

3 Piece Hose Pinch-off Pliers Set

- Shuts off flow through vacuum lines, fuel lines, coolant lines, etc.
- Cocking ratchet mechanism holds pivoting jaws tightly in place
- Heavy duty swivel jaws pivot to assure parallel pinching



Set includes: OTC4510-8 8" tool for small hoses and tight areas; OTC4510-10 10" tool for radiator and vacuum lines; OTC4510-12 12" tool for radiator and vacuum lines.



PBT70888 UniTest Cooling System Pressure Tester Deluxe Kit

- Patented inflatable bladder attaches to radiator or header tank for system testing
- Fits bayonet and threaded filler necks on radiators or header tanks
- Universal attachment suits automotive, commercial, heavy duty, marine and motorcycle
- Includes radiator cap test adapters for testing 8 different radiator cap types



ROB75260 Coolant Refiller

- 26" Hg vacuum refills cooling system without air lock
- Eliminates the need for bleeding
- Checks for system leaks and utilizes OEM approved technology
- Universal "fits all" cone adapter
- Built in gauge protector



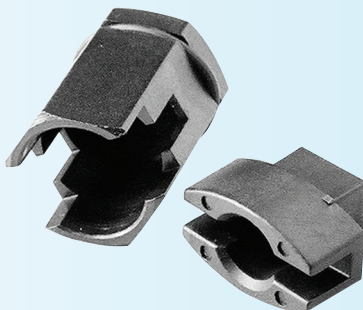
ROBEVDC100 Electronic Variable Compressor Tester

- Eliminates misdiagnosing electronic variable displacement A/C compressors
- Quickly diagnose and verify valve function, lowering total repair time and costs
- Adjustable tester output
- Includes connect adapters for both old and newer style compressors



THX485 Petcock Socket Set

- 1/4" drive set includes a steel universal socket to fit radiators, engine blocks, storage tanks, etc.
- Set also has a molded plastic socket to fit narrow wing plastic drain fittings, both plug and flow-through types
- Socket comes with an O-ring to hold a 7/8" wrench in place



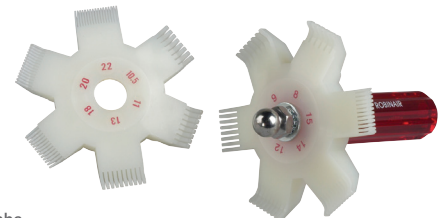
ROB75700 CoolTech Coolant Exchanger

- Engine Off feature removes pulleys, belts and fan blades from the safety equation
- No additional ventilation required
- Vacuum mode creates a "push/pull" exchange process allowing the technician to safely remove high pressure in a hot system
- "Hands-off" transfer of used coolant to a bulk tank prevents spills and helps protect the technician
- Also features two clearly marked valves and an easy-to-read gauge



ROB18403 Fin Straightener Set

- Clean and straighten condenser and evaporator coils
- Straightener head is 3-1/8" in diameter; handle is 3-1/2" long
- Includes 12 clearly marked combs
- Wheel 1: 8, 9, 10, 12, 14 and 15 fins per inch
- Wheel 2: 10.5, 11, 13, 18, 20 and 22 fins per inch



THX356 Cooling Systems Backflush Tool

- Provides the technician with an easy way to flush the heater core
- 1/2", 5/8" and 3/4" inches hose size fittings
- Connects by using a normal garden hose
- Made of non-corrosive aluminum



THX815 Heater Core Back Flush Tool with Air Assist

- Tool fits 1/2", 5/8", & 3/4" heater hoses and uses a standard garden hose for water and 1/8" NPT for shop air fitting
- Basic garden hose hook-up cleans cooling systems & heater cores without disassembly
- No need to use acids or caustic solutions. Radiator pressure cap prevents over boosting



COOLING SYSTEMS



UVU570000 Vacuum Antifreeze Drain and Fill

- Accurately pre-mixes water and anti-freeze in convenient 3 gallon (11.3L) holding reservoir
- Safely stores used coolant in a large 12 gallon (45.4L) environmentally friendly holding reservoir

UVU570000X Vacufill™ 570000X with Waste Pump

UVU550000 Airlift Cooling System Refiller

- Eliminate airlocks in vehicle cooling systems
- OEM approved worldwide
- Checks for leaks while under vacuum
- Refills the entire cooling system including the Heater Core
- Eliminate time consuming bleeding and purging

Kit includes: Venturi connector with hose; fill hose with filter; (4) sizes of rubber adapters; universal cone adapter and storage case.

UVU550500HD Heavy Duty Airlift II

- Eliminates airlocks during coolant refills
- Extra long refill hose designed for Heavy Duty trucks
- Streamline design, no switching hoses
- Reinforced glass-filled nylon construction
- Universal cone adapter to accommodate all HD vehicles

UVU983700 Gauge For UVU550000 and UVU590000



OTC7991 Cooling System Pressure Tester

- Now you can pressure test the cooling system on most cars, light commercial trucks, motorcycles, and even marine applications
- The tester's universal fit eliminates the need for multiple adapters

Note: Will not work on Saturn and Kia cars or Jeep with the plastic reservoir.



MITMV4560 Radiator / Cooling System Pressure Test Kit

- Test radiator and coolant bottle caps
- Contains adapters to test the cooling system and caps of most US and Asian manufactured cars



CTA7050 Radiator Pressure Tester Kit

- Pump with gauge
- 12" hose and cap adapter
- 1/4" spacer washer
- 3 radiator adapters

Tests automotive pressurized cooling systems up to 30 PSI. Kit includes pump with gauge, 12" hose and cap adapter to check 3/4" deep filler necks, 1/4" Spacer Washer for testing 1" deep filler necks, plus 3 Radiator Adapters (#7090, #7091 and #7092).



FJC43664 Radiator & Cap Pressure Tester Kit

- For use in pressure testing Radiator caps and radiators
- For use with most domestic and import autos and light trucks

Kit includes: FJC43700 - Thermometer, FJC43701 - Hand Pump, FJC43802BK - 123/124 Cap Adapter Black, FJC43802BL - 123/124/ Cap Adapter Blue, FJC43703 - 2-1/4" Tester Adapter, FJC43705 - 1-5/8" Tester Adapter, FJC43704 - 1-3/4" Tester Adapter, FJC43806 - Tester Adapter Dard Pink, FJC43807 - Tester Adapter Orange, FJC43808 - Tester Adapter Purple, FJC43809 - Tester Adapter Purple, FJC43810 - Tester Adapter Gray, FJC43811 - Tester Adapter White, FJC43812 - Tester Adapter Sea Green, FJC43813 - Tester Adapter Light Pink, FJC43814 - Tester Adapter Blue, FJC43815 - Tester Adapter Camo Green, FJC43816 - Tester Adapter Blue, FJC43817 - Tester Adapter Neon Green, FJC43818 - Tester Adapter Light Blue, FJC43819 - Tester Adapter Small Yellow, FJC43820 - Tester Adapter Brown, FJC43821 - Tester Adapter Large Yellow, FJC43822 - Tester Adapter Green, FJC43848 - Universal Coupler Adapt, FJC43849 - Coolant Refill Assembly and FJC43816 Cap Wrench in a Blow Molded Case.



MITMV4530 Cooling System Pressure Test Kit

- Includes (4) easy-to-grip adapters to test most US and Asian Vehicles
- Large volume capacity reduces time and strokes required to pressurize cooling system
- Components connect using self-locking quick-disconnects for easy and time saving assembly and breakdown
- Thumb-operated relief valve for quick pressure release
- Additional US, European and Asian adapters sold separately



MITMV4534 Universal Cooling System Test Kit

- Large, easy-to-read 2.5" diameter gauge includes clearly indicated pressure test zones
- Includes hand pressure pump w/ 2.5" diameter gauge with push-button pressure release valve, universal radiator test adapter, custom-molded case, user manual (English, Spanish, French)





Mastercool®
"World Class Quality"

MSC43301-PTA

Universal Pressure Test Adapter Kit

- Universal Design will Fit Most Automotive Radiators and Expansion Tanks
- Pressure Test Using The 43301-A or 43300 Hand Pump
- Vacuum Test Using The 43301-A Vacuum System Filler Kit or the 43013 Vacuum System Filler
- Ultimate coverage provided by 3 rubber ring gaskets included in the kit
- 1 year warranty on material and workmanship



MSC43302

25 Piece Cooling System Pressure Test Kit

- Detects and exposes external system leaks
- Sintered steel Heavy duty adapter construction
- Detects internal engine leaks due to blown gaskets or cracked blocks
- Includes black and blue radiator cap test connectors
- 21 adapters, hand pump and thermometer



Mastercool®
"World Class Quality"

MSC43300

14 Piece Universal Cooling System Pressure Test Kit

- Sintered Steel heavy duty construction adapters
- Resistant to high temperature and deformation
- Detects and exposes external system leaks
- Detects internal engine leaks due to blown gasket or cracked block
- Includes thermometer, hand pump and 12 adapters to fit popular foreign and domestic vehicles



MSC43306

Mastercool Truck Cooling System Pressure Test Kit

- Universal adapters to fit most large trucks
- Exposes external leaks in cooling system
- Exposes cracked blocks
- Exposes internal leaks in engine due to blown gaskets
- Packaged in blow molded case



MSC43705

Refractometer

- Quick test of freezing point of coolant / antifreeze
- Compatible with Ethylene or propylene glycol
- Measure battery acid gravity to verify battery life
- Automatic temperature compensation
- Easy to read graphics, adjustable viewfinder



THEXTON

THX101

Cold-Chek® Anti-Freeze Coolant Tester

- Tests to -34° -indicates optimal 50/50 mixture
- The original ball-type, specific gravity tester
- Special 6th ball shows overprotection and loss of cooling protection
- Number floating balls measures degree of protection
- Temperature compensating for testing with engine hot or cold



THX102

Cold-Chek® Professional Anti-Freeze Coolant Tester

- Sixth Ball shows overprotection with rugged safety shield
- The 102 has a rugged, chrome plated safety shield of ABS plastic
- Also used to test Dex-Cool®

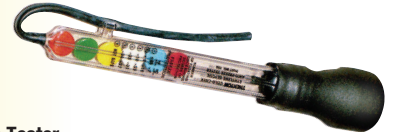


THEXTON

THX106

Cold-Chek® Disc-Type Anti-Freeze Tester

- Large professional-size (16-1/4") tester is accurate at all temperatures
- Tests coolant, hot or cold
- Protection scale is printed in both Celsius and Fahrenheit



THX107

Antifreeze Tester Propylene Glycol Disc Type

- Professional 16-1/4 disc-type tester is used to test propylene glycol based antifreeze in automotive radiators and fresh-water systems in RV's and boats
- Number of floating discs measures degree of protection at any temperature, discs are temperature compensated
- Readings in Celsius and Fahrenheit



ROBINAIR

ROB75240

Coolant and Battery Refractometer

- Used for measuring the freezing point of either propylene or ethylene glycol based cooling systems
- Checks the strength of electrolyte solution batteries
- Features high-quality optics with ultra smooth focusing
- Scale range: 32° F to -60° F



ROBINAIR

ROB75134

Econo-Clean Coolant Service Test Strips

- Just dip a strip in coolant and it shows the freeze point and the pH
- Bottle of 50 strips



PORTACOOOL



PORPACJS2201A1
Portacool Jetstream™ 220
Portable Evaporative Cooler
 • 2,400 CFM; Cools up to 700 sq. ft.

STEELMAN[®] PRO

JSP79041

Thermal Imaging Inspection Camera

- 2.4" High Resolution Display
- -4° to 572°F (-20° to 300°C)
- Resolution of Infrared image: 60 X 60 (3600 pixels)
- Dual camera lenses blend visible and IR images for easy target recognition
- Stores images on 8GB Micro-USB card (Up to 32 GB)



ROBINAIR

ROBAC1234-9

CONNECTED R1234YF ACS Machine

- New 10" capacitive LCD touch screen and intuitive user interface makes navigation much easier and beginning service quicker
- Incorporated Wi-Fi and Bluetooth wireless technology enable many new features and capabilities making this the most advanced A/C RRR machine on the market today
- Automatic updates ensure your machine always has the most current software, as well as access to new features and capabilities as they become available

ROB34998
CONNECTED R134A ACS Machine



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Products advertised within this publication may contain chemicals known to the State of California under Proposition 65 ("P65") to cause cancer, birth defects or other reproductive harm. Many products are noted with a P65 WARNING; however, the warnings may not apply to all items. Further, as this is a new regulation and all vendors may not have yet identified their products as subject to P65, all items that need a warning may not be noted. Contact the manufacturer for specific details regarding P65. We appreciate your understanding as we navigate these new requirements.

CAUTION: Always wear appropriate safety equipment and observe safety advice and proper use of equipment as instructed in warning and caution labels and operating instructions.



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