

emzone

PREMIUM AUTO CARE



Take Control of your Vehicle's Cooling

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Empack Spraytech Inc. is a leading Canadian manufacturer of aerosol products, proudly producing a premium range of Emzone® air-conditioning refrigerants and additives designed for the repair, maintenance, and optimization of mobile and stationary cooling systems.

Engineered for superior performance, Emzone refrigerants are suitable for replacing R134a, R12, R1234yf, R22, and other substitute refrigerants across a wide variety of applications, including automotive air conditioning systems, commercial refrigeration units, agricultural equipment, transport refrigeration (reefers), and stationary cooling systems.

Emzone products deliver exceptional value through enhanced system efficiency, reduced head pressure, improved cooling performance, and extended equipment lifespan. Users may also benefit from colder vent temperatures and improved fuel economy when compared to certain synthetic refrigerants.

Committed to environmental responsibility, Emzone air-conditioning refrigerants and additives are system-safe, non-ozone depleting, and formulated with a very low Global Warming Potential (GWP), making them an eco-conscious choice for modern cooling applications.

For installation guides, instructional videos, equivalent weight charts, and user reference materials, please visit www.emzone.ca

Emzone air-conditioning refrigerants are proudly manufactured by Empack Spraytech Inc., a leading Canadian contract manufacturer specializing in aerosol, bag-on-valve (BOV), liquid filling, and wipes production.

Operating from state-of-the-art facilities in Brampton, Ontario, Empack manufactures an extensive portfolio of products spanning personal care, household care, industrial, automotive, outdoor, computer care, and cleaning categories. In addition to supporting private label programs for leading brands, Empack also develops and markets a variety of proprietary house brands.

To learn more about Empack Spraytech Inc., visit www.empack.ca



empack
spraytech inc.

A/C REFRIGERANTS

NEW RESEALABLE VALVES

Our innovative resealable valve technology is designed to reduce product waste while minimizing the release of refrigerant into the environment during servicing and maintenance procedures.

Unlike conventional valves, the Emzone® resealable valve automatically seals when the recharge hose or can tap is removed, helping to prevent unnecessary refrigerant loss and maximize product utilization. This advanced design ensures that more of the product remains available for future use, delivering greater value and cost savings.

By significantly reducing refrigerant emissions during servicing, resealable valves support environmentally responsible practices and contribute to a cleaner, safer environment.

For added convenience, Emzone resealable valves are fully compatible with all Emzone air-conditioning recharge hoses, as well as most standard recharge hose systems available on the market.



NEW
RESEALABLE
VALVE

ALL EMZONE A/C PRODUCTS NOW USE NEW RESEALABLE VALVE



A/C REFRIGERANTS



12a A/C Cool Refrigerant

- ❑ 12a A/C Cool Refrigerant is an environmentally friendly replacement alternative for ozone depleting R-12 and global warming 134a products.
- ❑ A/C Cool 12a Refrigerant Easy-Fill offers an all-in-one product for refilling your A/C system. The recharge hose with trigger and gauge offers a fast and easy recharge solution.
- ❑ Emzone A/C Cool 12a Refrigerant offers superior performance resulting in colder vent temperatures, lower head pressure and improved system efficiency.

Item No	UPC #	Size	Type	Case Qty
45860	060480 458609	284 g	w / gauge	6
45859	060480 458593	284 g	Refill	12
45851	060480 458517	170 g	Refill	12

1234yf Replacement A/C Refrigerant

- ❑ 1234yf Replacement Refrigerant is an environmentally friendly replacement product for use with new 1234yf systems.
- ❑ Emzone A/C Cool 1234yf Refrigerant offers superior performance resulting in colder vent temperatures, lower head pressure and improved system efficiency.
- ❑ Our 1234yf products are eco-friendly, non-ozone depleting and system safe.



45830

Item No	UPC #	Size	Case Qty
45830	060480 458302	170 g	12



45885

12a A/C Recharge Kit

This Emzone kit contains the necessary items to recharge an A/C system efficiently and safely. Contains:

- ❑ 2 Emzone 12a A/C Cool Refrigerants 170 g (6 oz)
- ❑ 1 Emzone 12a A/C Recharge Hose with Gauge
- ❑ 1 A/C Retrofit Conversion Fitting (R12 to 134a)
- ❑ 1 A/C Refrigerant Oil Tester

Item No	UPC #	Size	Case Qty
45885	060480 458852	Kit	6

12a A/C Recharge & Sealant Kit

This Emzone kit contains the necessary items to recharge and seal an A/C system efficiently and safely. Contains:

- ❑ 2 Emzone 12a A/C Cool Refrigerants 170 g (6 oz)
- ❑ 1 Emzone 12a A/C Stop Leak 114 g (4 oz)
- ❑ 1 Emzone 12a A/C Recharge Hose
- ❑ 1 A/C Retrofit Conversion Fitting (R12 to 134a)
- ❑ 1 A/C Refrigerant Oil Tester

Item No	UPC #	Size	Case Qty
45883	060480 458838	Kit	6



45883



EASY TO USE Recharge your A/C in under 10 minutes.



45852

12a A/C Lubricant

- 12a A/C Lubricant is a universal lubricant and conditioner designed to reduce friction, replace lost oil due to leaks, and increase compressor life.
- Safe for all systems and will not clog or restrict flow. Contains 12a.

Item No	UPC #	Size	Case Qty
45852	060480 458524	114 g	12

12a A/C Leak Detection

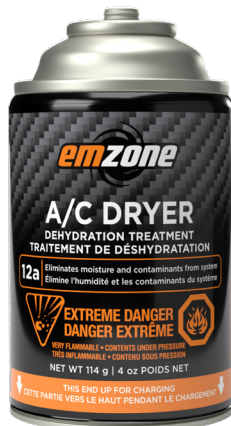
- A/C Leak Detect is a perfect tool for visually detecting small AC leaks. It quickly finds the exact source of each and every leak instantly.
- Dye can remain in systems indefinitely and leaks can be searched while system is off or running. Contains 12a.



45853



Item No	UPC #	Size	Case Qty
45853	060480 458531	114 g	12



45854

12a A/C Dryer Dehydration Treatment

- 12a A/C Dryer contains a moisture removing additive that converts moisture in the A/C system into synthetic oil and helps remove contaminants.
- Recommend the use of Emzone 12a A/C Dryer prior to the use of Emzone 12a A/C Stop Leak or A/C Leak Repair. Contains 12a.

Item No	UPC #	Size	Case Qty
45854	060480 458548	114 g	12



NEW
RESEALABLE
VALVE

45855

12a A/C Leak Repair System Conditioner

- 12a A/C Leak Repair conditions and repairs rubber parts including O-ring seals and gasket joints.
- Improves system efficiency and helps prevents leaks in these areas.
- Safe for all systems and will not clog or restrict flow. Contains 12a.

Item No	UPC #	Size	Case Qty
45855	060480 458555	114 g	12

1234yf A/C Stop Leak

- 1234yf A/C Stop Leak seals leaks permanently in metal and rubber parts, including evaporators, condensers, driers, O-rings, and gasket joints. Improves system efficiency and prevents future leaks.
- Safe for all systems and will not clog or restrict flow.

Item No	UPC #	Size	Case Qty
45831	060480 458319	114 g	12



45831

12a A/C Stop Leak

- 12a A/C Stop Leak seals leaks permanently in metal and rubber parts, including evaporators, condensers, driers, O-rings, and gasket joints. Improves system efficiency and prevents future leaks.
- Safe for all systems and will not clog or restrict flow. Contains 12a.

Item No	UPC #	Size	Case Qty
45856	060480 458562	114 g	12

NEW
RESEALABLE
VALVE



45857

with
UV DYE

12a A/C Tune Up All-In-One

- 12a A/C Tune Up is a multi-purpose product.
- A/C Leak Detect for leak detection.
- A/C Lubricant universal lubricant.
- Leak Repair System Conditioner for O-ring seals and rubber parts.
- Helps detect leaks, lubricate A/C systems and repair leaks in O-rings and gasket joints. System safe. Contains 12a.

Item No	UPC #	Size	Case Qty
45857	060480 458579	114 g	12



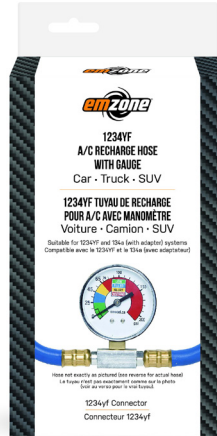
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RESEALABLE VALVE
COMPATIBLE



45725

RESEALABLE VALVE
COMPATIBLE



45766

12a A/C Recharge Hose with Gauge

- ❑ The heavy duty Recharge Hose with Pressure Gauge is suitable for all Emzone 12a Refrigerant products.
- ❑ Use to determine current pressure status of A/C system and ensure accuracy when recharging.
- ❑ Durable brass connectors ensure a safe and secure fit. Low side port 134a connector.
- ❑ Compatible with new resealable valve.

1234yf A/C Recharge Hose with Gauge

- ❑ The heavy duty Recharge Hose with Pressure Gauge is suitable for all Emzone 1234yf Refrigerant products.
- ❑ Use to determine current pressure status of A/C system and ensure accuracy when recharging.
- ❑ Durable brass connectors ensure a safe and secure fit. Low side port 1234yf connector.
- ❑ Compatible with new resealable valve.

Item No	UPC #	Size	Type	Case Qty
45725	060480 457152	1/2" Tap	Retail Box	6
45766	060480 457633	1/2" Tap	Retail Box	6



45751



45755

R134a A/C Recharge Hose with Gauge

- ❑ Designed for A/C system pressure checks and recharging
- ❑ R134a to R134a recharge hose
- ❑ 13" steel hose construction
- ❑ Top-mounted pressure gauge for easy monitoring
- ❑ Durable brass fittings for a secure connection
- ❑ Suitable for servicing R134a systems

Item No	Size	Type	Case Qty
45751	1/2" Tap	Bulk	1
45755	1/2" Tap	Bulk	1

R1234yf A/C Recharge Hose with Gauge

- ❑ Designed for A/C system pressure checks and recharging
- ❑ R1234yf to R1234yf recharge hose
- ❑ 13" black hose construction
- ❑ Integrated pressure gauge for easy monitoring
- ❑ Durable brass fittings for a secure connection
- ❑ Suitable for servicing R1234yf systems



45750

R134a A/C Recharge Hose with Gauge

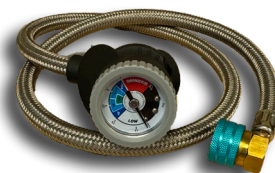
- ❑ Designed for A/C system pressure checks and recharging
- ❑ R134a to R134a recharge hose
- ❑ 36" steel hose construction
- ❑ Top-mounted pressure gauge for easy monitoring
- ❑ Durable brass fittings for a secure connection
- ❑ Suitable for servicing R134a systems



45752

R134a to R1234yf A/C Recharge Hose with Gauge

- ❑ Designed for A/C system pressure checks and recharging
- ❑ R134a to R1234yf recharge hose
- ❑ 36" steel hose construction
- ❑ Top-mounted pressure gauge for easy monitoring
- ❑ Durable brass fittings for a secure connection
- ❑ Suitable for R134a to R1234yf applications



45754

R1234yf A/C Recharge Hose with Gauge

- ❑ Designed for A/C system pressure checks and recharging
- ❑ R1234yf to R1234yf recharge hose
- ❑ 36" steel hose construction
- ❑ Top-mounted pressure gauge for easy monitoring
- ❑ Durable brass fittings for a secure connection
- ❑ Suitable for servicing R1234yf systems

Item No	Size	Type	Case Qty
45750	1/2" Tap	Bulk	1
45752	1/2" Tap	Bulk	1
45754	1/2" Tap	Bulk	1



45346

A/C Refrigerant Oil Tester

- ❑ A/C Refrigerant Oil Tester is the ideal diagnostic tool to visually display problems or service requirements with A/C systems.
- ❑ Tests the A/C system for sufficient fluid levels and the condition of the refrigerant oil. Designed for the 134a system low side port.

Item No	UPC #	Size	Type	Case Qty
45554	060480 455547	n/a	Blister Card	12
45346	060480 453468	n/a	Blister Card	12



45554

A/C Retrofit Conversion Fitting

- ❑ A/C Retrofit Conversion Fittings low side adapter allows for the servicing of older R12 mobile A/C systems.
- ❑ To be used on low side A/C service port and converts the R12 low side port connection to a 134a connection.

134a A/C Refrigerant (Cylinder)

- ❑ 134a A/C Refrigerant is the currently used in many car, truck and other mobile A/C systems.
- ❑ 134a is a non-ozone depleting and non flammable product and offers similar energy efficiency to the no longer available R-12.
- ❑ 134a is sometimes used in commercial and residential refrigeration as well.
- ❑ **Core deposit applies**

Item No	UPC #	Size	Case Qty
45929	060480 459293	13.6 kg	1



45929

12a A/C Refrigerant (Cylinder)

- ❑ 12a A/C Cool Refrigerant is an environmentally friendly replacement alternative for ozone depleting R-12 and global warming R134a products.
- ❑ The cylinder offers an economical option for professionals.
- ❑ Non-toxic and Non-Ozone Depleting. Contains high performance oil to improve system efficiency.
- ❑ **Core deposit applies**



45899

Item No	UPC #	Size	Case Qty
45899	n/a	5.4 kg	1

Opteon™ YF (R-1234yf) OEM

- ❑ Opteon™ YF (R-1234yf) OEM is a non-ozone depleting, low global warming potential (GWP) refrigerant that was initially developed to meet the EU Mobile Air Conditioning (MAC) Directive, which called for new automobiles to use refrigerant with a GWP of less than 150, and has since become the standard refrigerant for the majority of automotive manufacturers globally.
- ❑ Non-ozone depleting hydrofluoroolefin (HFO)
- ❑ Not subject to phaseout under Montreal Protocol
- ❑ Low GWP refrigerant
- ❑ Thermally stable under extreme use conditions encountered in MAC systems
- ❑ **Core deposit applies**

Item No	UPC #	Size	Case Qty
45960	060480 459606	4.54 kg	1



45960





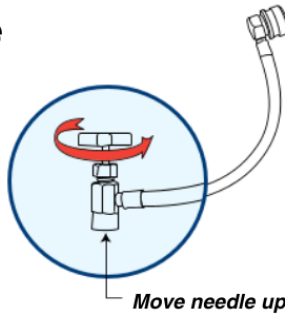
Emzone A/C Refrigerants / How to Use

PRODUCTS ARE FOR USE BY QUALIFIED INDIVIDUALS



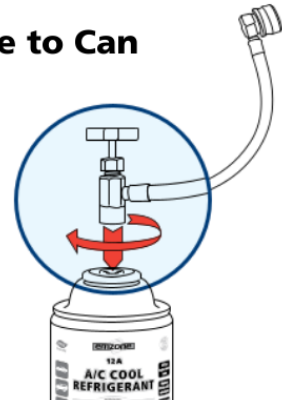
1 Recharge Hose

Make sure hose tap is unscrewed counter-clockwise. The needle in the valve must be in the back position before applying hose to top of can.



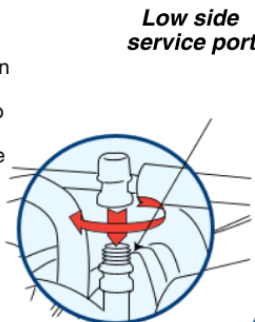
2 Attach Hose to Can

Attach hose to top of can. The hose is now connected.



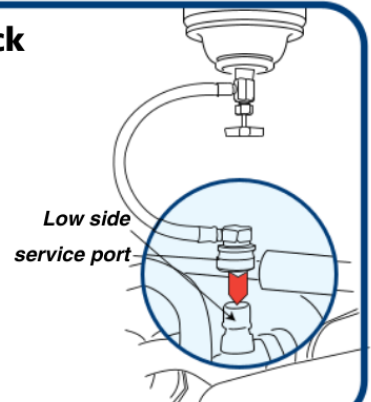
3 Locate Low Side Service Port

The vehicle's A/C low-side service port can usually be found between the evaporator and compressor. On older vehicles that do not have a quick connect on the low side, connect adaptor fitting on the low pressure side first.



4 Attach Quick Connect

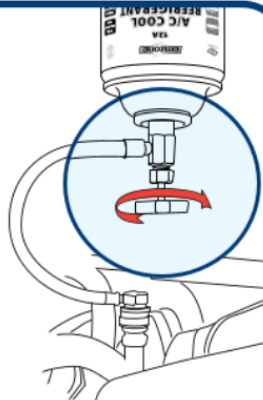
Never connect to high-side service port as the refrigerant can may explode which could cause serious injury. Attach Quick Connect end of the hose on low pressure side of system and turn the can upside-down.



5 To Start Flow

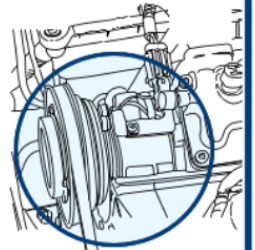
For puncture style cans turn hose tap clockwise to puncture can, then turn hose tap counterclockwise to start refrigerant flow.

For cans with self sealing valves turn the hose, tap slowly clockwise to start the flow of refrigerant



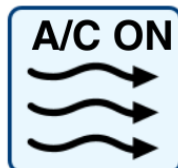
6 Ensure Compressor is On

The compressor needs to be running while the A/C is on. If the compressor is not running, add ½ a can of refrigerant. In the event that the compressor still does not run, repairs may be needed. Do not continue adding refrigerant to the system.



7 Adding Refrigerant

Start car. After minimum charge is achieved (if required), turn on A/C system, and set to maximum. Add additional 12a or 1234yf refrigerant as required. Do not overcharge system.



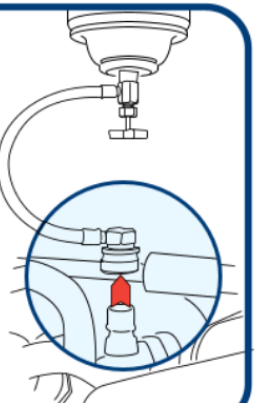
8 Process Complete

For puncture type cans turn the can tap in clockwise to stop the flow of refrigerant. Do not remove the hose from the can unless the can is empty, point the can downwards and away from your body while detaching the hose.

For self sealing type cans turn the can tap counterclockwise to close the valve then remove the hose from the can.

Website

emzone.ca



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