



CRC Industries NZ, Auckland NZ

I. Product Description

CRC AC Charge is an inexpensive, quick way to refill your air-conditioning with refrigerant. With its unique All-In-One application system and professional quality R134a refrigerant, this is truly the fastest and most effective way to recharge your A/C system.

If the air coming from the vents in your car is not as cold as it used to be, you have likely run low in refrigerant in your air conditioning system. CRC AC Charge brings your air conditioning system back to life by refilling the key refrigerant R134a via the low-pressure inlet. It is simple to use and can be completed within minutes.

II. Features & Benefits

- **Easy to use - Simple clear instructions**
- **Quick - Can be completed in minutes**
- **Professional quality R134a refrigerant**
- **Inexpensive - Cost effective method to recharge air-conditioning systems**

III. Application and Directions

1. Turn vehicle on and set A/C to the maximum cool setting.
2. With the A/C on, determine if the compressor clutch is engaged (visit www.crc.co.nz for more information). If clutch is not engaging DO NOT use AC Charge. Remedy the clutch fault before proceeding.
3. Locate the vehicle's low-pressure port, which is on the thicker diameter tubing between the compressor and evaporator (look for the 'L' on the cap). DO NOT connect to the high-side service port as doing so may cause serious injury.
4. Unscrew the trigger dispenser from the can and remove the red and white shipping disk.
5. Attach the hose fitting to the low-pressure port (you will hear a click). DO NOT PULL TRIGGER as it will release refrigerant from vehicle.
6. Check the pressure on the dial. If it is in the blue or green continue to next step. If the pressure is in the yellow or red DO NOT use AC Charge. The system is over pressurised.
7. Disconnect the hose from the low-pressure port and screw the gauge and hose tightly to the can of AC Charge. Once attached DO NOT remove the trigger from the can until can is empty as this will release the contents into the atmosphere which is in breach of the Climate Change Response Act 2002.
8. Shake the can well and re-connect the hose to the low-pressure port. Squeeze the trigger to dispense the refrigerant, rotating between 12 o'clock and 3 o'clock every 2-3 seconds to keep can charged. Every 10-15 seconds, release the trigger to check the pressure on the gauge, ensuring not to overfull the system. Once the A/C system is filled, disconnect the hose from the vehicle and leave the recharge hose on the can and store in a cool dry location.



IV. *Typical Properties and Characteristics*

Appearance	Colourless liquefied gas
Odour	Slight ethereal
Volatile Component (% vol)	100
Solubility	Immiscible in water
Propellant	HFC 134a
Flash Point	N/A
Flammability	Non-flammable
Freezing Point	-60°C
Dielectric Constant	Liquid 2.15 Vapour 1.0016

V. *Package Description*

Part Number	Size
5100	400g
5101	400g

VI. *Special Precautions*

Warning: Contains gas under pressure; may explode if heated.

Aerosol Cans:

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

First Aid:

Eye Contact – Immediately hold the eyelids apart and flush the eye with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact – Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. Seek medical attention in the event of irritation.

Inhalation – Remove to fresh air. Lay patient down. Keep warm and rested. Protheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor.

Ingestion – Avoid giving milk or oils. Avoid giving alcohol.

Refer to Material Safety Data Sheet for more details.



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TECHNICAL DATA SHEET Version 10/17

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.