

Eco Kold - Installation Guide (4 Steps)

Required Tools:

- Recovery machine and Recovery tank
- Vacuum pump
- Monometers and Amps meter
- Scale
- Gloves and eye protection
- HC Leak Detector

NOTE: Eco Kold CAN NOT be mixed with any other refrigerants.

DO NOT INSTALL ECO KOLD REFRIGERANT IF:

- The equipment is not working to the manufacture spec's
- There is a leak of existing refrigerant (visible)
- Loose electrical wires or connectors
- Any visible modification or changes to the equipment which is not to manufactory specs
- Piping diameter does not match factory specs

Step 1 - Inspection prior to Installation

- Complete visual inspection of the equipment
- Check for visible leaks
- Check for loose electrical connections or wires
- Check for proper electric box covers
- Install gages to check working **Pressure**
- Check current **AMPs and Voltage**
- Check outlet **Temperature** at the register
- Check return **Temperature**
- If you used to work with super heat, take this reading too
- Record all the data**

NOTE: We don't recommend to replace refrigerant, if the unit doesn't work to the specifications. All the specification can be found on factory label on the side of the unit.

If the unit working to the specs, you can start replacing the refrigerant.

Step 2 - Refrigerant Recovery

- Connect the hoses to recovery unit and to recovery tank.
- Put the tank on the scale and reset the scale to zero **(0)**.
- Start recovering the refrigerant. Make sure you recover liquid and vapor.
- When the recovery unit will stop, record how many Kg/lbs was recovered.
- Compare it with factory charge. **If recovered amount is less that factory chart, inspect the unit for leaks or damages.**
- Connect vacuum pump. Perform this operation like with any other refrigerant.

Step 3 - New Refrigerant Charge

- Connect **Eco Kold** tank to the gages. Charge has to be done in liquid stage since **Eco Kold** is a mix of several components.
- Open the liquid side on the gages **very slow** to prevent hydro shock.
- Continue charging until Lower Pressure reaches maximum of **75 PSI** (NOTE: total charge should be approximately **25-30% of the weight of the recovered refrigerant**)
- Let unit to work for about half an hour to stabiles. Check the temperature. It should be the same or lower than before. More refrigerant can be added if needed.
- Take the readings of pressure, amps and temperature.
- **Record all the data**

Step 4 - Post Installation

- Install stickers for other technicians to know that unit working with different type of refrigerant
- **Mark new pressure and amps readings on the sticker**
- We recommend to check the unit again next day. Unit need time to bring the cooling space to wanted temperature.

Note: Prevent from direct strong heat and open flames source.

Eco Kold is stable refrigerant. It made from LP gases.

Use common sense and experience when working with **Eco Kold**



Contact Info: BHCR Hq, Corp S.A.

Info@BHCRHq.com Panama + (507) 6378-6999