

Product Data Sheet

NCO2K

NCO2K - CO₂ GUN KIT (Gun w/ 2 Cartridges)

Unlike competitive products the NC inject gun system has a backflow preventer. Therefore when the trigger is pulled the material (one & done) is forced from the hose chamber (inject) thru a small pin hole into the system under sufficient pressure to overcome the pressure in the AC/R system. As soon as the material is forced thru the pinhole the pressure in the hose chamber (inject) drops and the CO₂ remains in the chamber.

The gun doesn't fire @ 3000 psi each time the trigger is pulled. It simply injects sufficient gas to overcome the pressure it is meeting. For example, if a system's pressure is @ 70 psi, then it will only use sufficient pressure to overcome the 70 psi.



NCO2C

NCO2C - REFRIGERANT GRADE CO₂ CARTRIDGES

The CO₂ cartridge contains 12 grams of refrigerant grade CO₂. Typically, a user will get 6-7 injects per gun.

It has been determined that 5% of refrigerant grade CO₂ would be the maximum acceptable amount per injection.

In manufacturer tests the amount of CO₂ actually entering a system is 0-2% of the CO₂ used (1.7 grams). It is calculated that no more than 0.034 grams of the CO₂ enters a system with each 2 gram injection or 1.7% of total sealant/carrier combination.



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