

## Universal Treatment Injector (p/n: 4779-0)

### USAGE OPTIONS

#### Option 1

4 fl. oz. Treatment

Use sections A, B, C.  
For A/C Re-New (4057-55 & 4057-54)  
and A/C ReStart (4060-55)



#### Option 2

3 fl. oz. Treatment

Use sections A & C.  
For Rx-Acid Scavenger (4301-02)



#### Option 3

2 fl. oz. Treatment

Use sections A & B.  
For Rx-Acid Scavenger (4301-02)



#### Option 4

1 fl. oz. Treatment

Use section A only.  
For Rx-Acid Scavenger (4301-02)

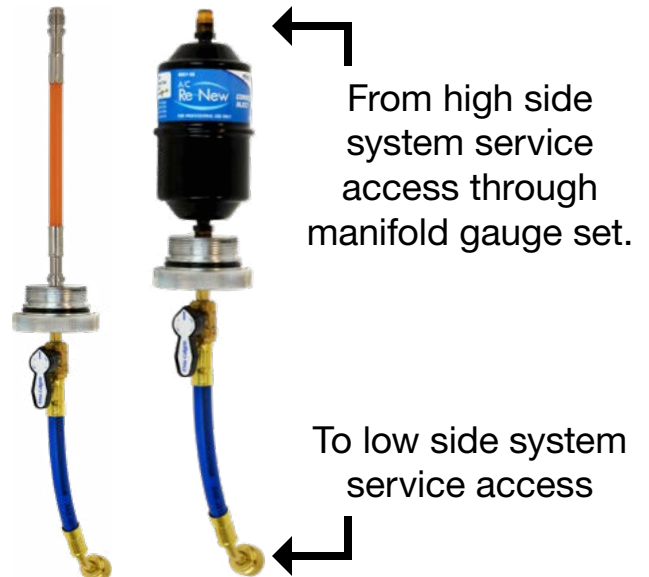


#### Option 5

Use endcap assembly to install  
EasyDye or Connect Inject Products



4050-51    4057-56    4060-56    4301-06

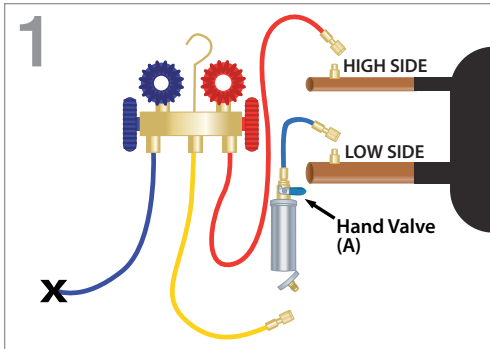


From high side  
system service  
access through  
manifold gauge set.

To low side system  
service access

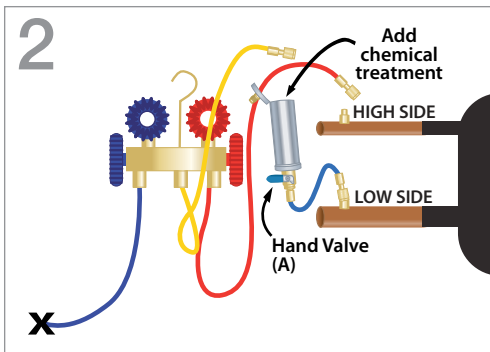
# Universal Treatment Injector Tool - Directions for Use

The Universal Treatment Injector is designed to inject A/C Re-New, A/C ReStart, Rx-Acid Scavenger, EasyDye or other liquid treatments into air conditioning and refrigeration systems. It has a capacity of up to 4 fl. oz. and can be used as a tool to install Nu-Calgon's Connect Inject products as well. It is constructed of rugged aluminum and has a maximum working pressure of 600 psi. It has a Schrader fitting at one end and hand valve with a short length of hose at the other end.



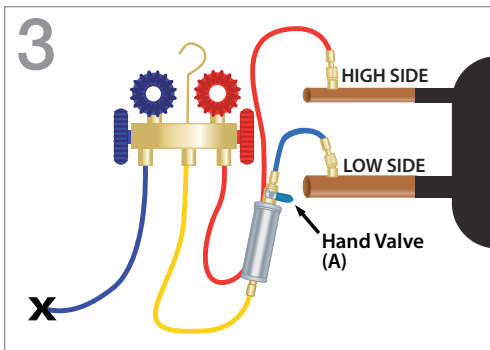
## STEP 1:

- Make sure system is running and low side and high side service ports are properly identified. If unit is a heat pump, be sure it is in cooling mode. Hand-valve (A) must be closed.
- Unscrew the aluminum injector cap with 1/4" male inlet fitting.
- Connect the 1/4" SAE fitting of blue hose to suction service port of system.
- Crack open hand valve (A) on injector to chase the remaining air out of the blue hose, then close hand valve (A).



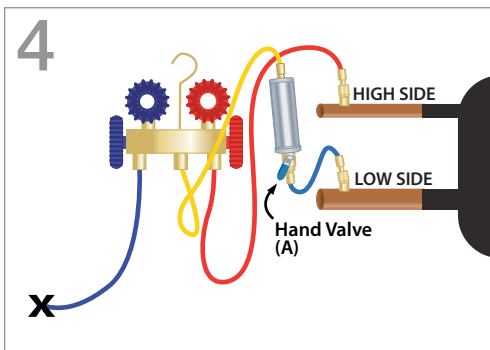
## STEP 2:

- Pour in treatment into injector.
- Recap the Injector with the aluminum cap with 1/4" male inlet fitting. Make sure the cap is hand tight to ensure a good seal is made at the cap. Note: the fill volume of the treatment to the injector is exact - there is no headspace (air) left when the cap is installed.



## STEP 3:

- Make sure both valves on gauge set are closed. Connect high side (red) line of manifold gauge set to the high side service port.
- Barely thread the middle manifold hose (yellow) to the 1/4" male inlet fitting of the Universal Treatment Injector tool (side opposite of the valve/blue hose). Do not thread to the point of depressing the Schrader core.
- Briefly crack open high side manifold valve to purge air out of the yellow hose, then quickly tighten yellow hose fitting at the injector, and close high side manifold valve.



## STEP 4:

- Open injector hand valve (A) so the chemical treatment will be allowed to flow from injector into the low side of the system.
- Briefly open high side valve of the manifold gauge set to allow a little high side liquid to flow through the yellow hose/injector. Close high side manifold valve. Repeat process as necessary for a one minute duration for chemical treatment to be fully injected into the low side of the system.
- Close high side valve of the manifold gauge set and wait an additional one minute for the injector assembly to equalize to suction pressure.
- Fully close hand valve (A) on Universal Treatment Injector and remove blue hose from suction service port.
- Once disconnected from system, slowly open hand valve (A) on injector so it equalizes the assembly to atmospheric pressure - ensure outlet fitting is pointed toward the ground. Close hand valve (A).
- Ensure injector remains capped to prevent contamination on its next use.

