

Which Service Valve Do I Open First?

When opening the services valves on a new start up or after servicing an AC or HP system, do you know which one you should open first?



You must break the vacuum by fully opening the liquid service valve first. Once the refrigerant charge has bled into the system, fully open the suction service valve.

If the suction service valve is opened first, oil from the compressor may be drawn into the indoor coil TXV, restricting refrigerant flow and affecting operation of the system.

When opening valves with a retainer, open each valve only until the top of the stem is 1/8" from the retainer. *To avoid loss of refrigerant, DO NOT apply pressure to the retainer.

When opening valves without a retainer back out the stem by turning the hex wrench counterclockwise. Open the valve until it contacts the rolled lip of the valve body. These are not back-seated valves. It is not necessary to force the stem tightly against the rolled lip.