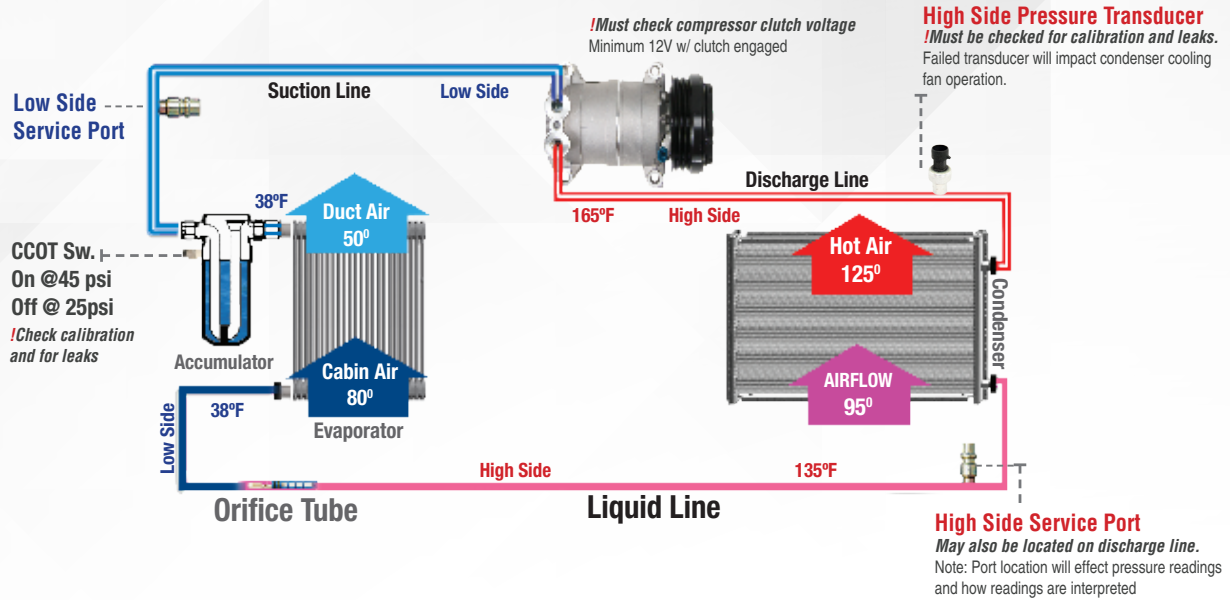


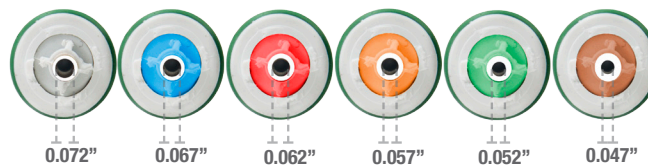
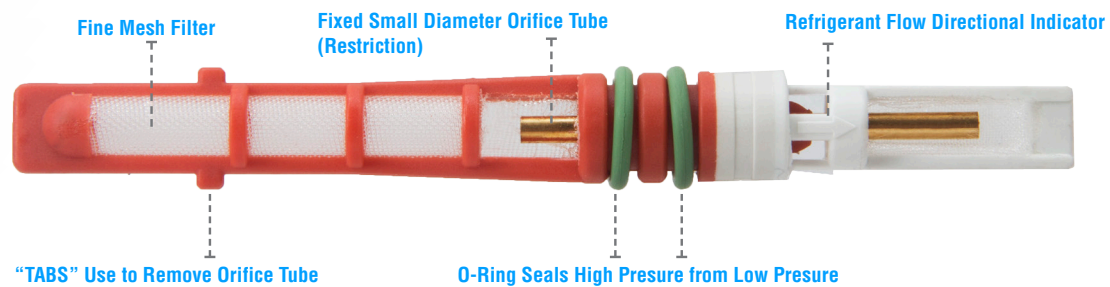
# ORIFICE TUBES

## TYPICAL ORIFICE TUBE SYSTEM



### ORIFICE TUBE

Orifice tubes also serve as a dividing line between the high and low pressure sections of the system. An orifice tube is a very simple component with no moving parts. Orifice tubes also serve as refrigerant filter and can become clogged with debris, which always requires orifice tube replacement.



### FEATURE AND BENEFITS

- Separates High Side from low side
- Regulates flow of liquid refrigerant into evaporator
- (Creates restriction)
- Refrigerant boils (evaporates) upon entering low pressure area in evaporator

### FIXED ORIFICE TUBE - MUST BE REPLACED WITH COMPRESSOR

- Refrigerant flows through fixed diameter tube- Diameter set by system design
- Flowrate determined by pressure drop across orifice & tube diameter
- Performance optimized at highway speeds
- Orifice Tubes are built application specific per OEM size and color



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