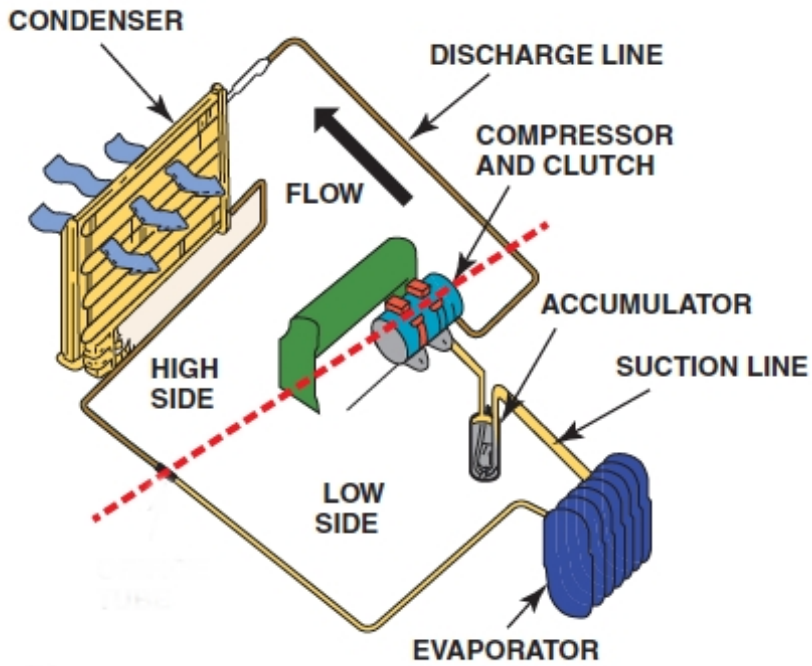


MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) The high side of the refrigeration cycle means it _____. 1) _____
A) Begins at the expansion device and ends at the compressor
B) The refrigerant boils or evaporates
C) Has low pressure and temperature
D) Has higher pressures and temperatures
- 2) Desiccant is placed in the receiver-drier or accumulator-drier _____. 2) _____
A) To slow down refrigerant flow
B) As this is the only place that it can be located
C) To trap excess oil in the system
D) To absorb moisture from the system
- 3) Pressures are controlled in an orifice tube (OT) system by _____. 3) _____
A) Using a variable valve
B) Cycling an electromagnetic compressor clutch on and off as needed
C) Using a variable displacement compressor
D) Either B or C
- 4) In a properly operating system, the evaporator temperature is about _____. 4) _____
A) 32°F B) 35°F C) 30°F D) 25°F
- 5) Heat travels from _____. 5) _____
A) Cold to warmer
B) From outside the vehicle to inside the vehicle
C) Hot to cooler
D) Either from hot to cool or the other way depending on the weather
- 6) The refrigerant is circulated through the system by a _____. 6) _____
A) Evaporator B) Condenser
C) Compressor D) Thermal expansion valve or orifice tube
- 7) When the refrigerant evaporates, it absorbs heat when it changes from liquid to gas. In which unit does this occur? 7) _____
A) Evaporator B) Compressor
C) Thermal expansion valve or orifice tube D) Condenser
- 8) The temperature of the refrigerant as it leaves the compressor on the discharge side should be _____ 8) _____
A) Warm B) Cold C) Cool D) Hot

9) What type of A/C system is shown in this diagram?

9) _____



- A) Vapor system
- C) TXV system

- B) Orifice tube system
- D) VAT system

10) The refrigerant inside an evaporator is a _____.

10) _____

- A) Liquid changing to a gas
- C) Liquid

- B) Gas changing to a liquid
- D) Gas