

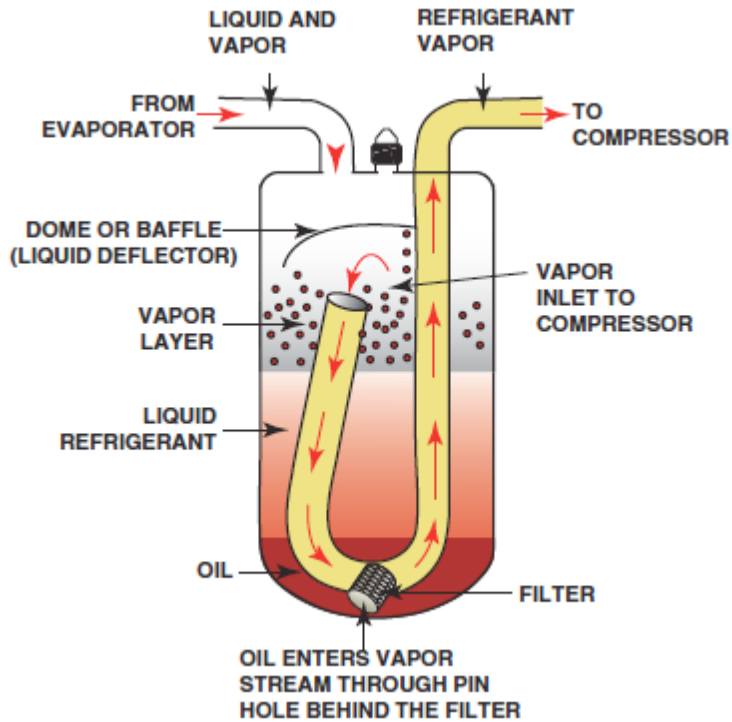
Name _____

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

- 1) Two technicians are discussing A/C systems. Technician A says that the TXV system uses a receiver-drier mounted in the suction line. Technician B says that the orifice tube system uses an accumulator in the suction line. Which technician is correct? 1) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 2) When a compressor is replaced, it is a good practice to also replace the _____. 2) _____
- A) TXV
 - B) OT
 - C) Receiver-drier or accumulator
 - D) Both A and B
- 3) The pressure cycling switch does which of the following? 3) _____
- A) Closes the TXV
 - B) Senses condenser temperature
 - C) Senses high-side pressure
 - D) Senses low-side pressure

4) Identify this component.

4) _____



- A) Compressor
- B) Accumulator
- C) Receiver-drier
- D) Refrigerant filter

5) O-rings used in R-134a systems are usually _____.

5) _____

- A) Green
- B) Black
- C) Red
- D) Orange

6) Which of these heat exchangers in an automotive A/C system is located at the front of the vehicle?

6) _____

- A) Evaporator
- B) Condenser
- C) Heater core
- D) None of these are mounted at the front of the vehicle

7) Two technicians are discussing TXVs. Technician A says that the TXV senses evaporator temperature to control the valve opening. Technician B says that the TXV senses evaporator pressure to control the valve opening. Which technician is correct?

7) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

8) When replacing an accumulator how much refrigerant oil should be added (typical)? 8) _____
A) 2 oz.
B) About 7 oz.
C) No more than 0.5 oz.
D) None of these

9) Various electrical switches used in A/C systems _____. 9) _____
A) Prevent evaporator icing
B) Protect the compressor
C) Control fan motors
D) All of the above

10) The evaporator is a heat exchanger that is located _____ of the vehicle. 10) _____
A) Near the radiator
B) Outside
C) In the HVAC case
D) Under the front seat

Answer Key

Testname: AHAC8_5B

1) B

Page Ref: 63-64

2) C

Page Ref: 72

3) D

Page Ref: 70

4) B

Page Ref: 66

5) A

Page Ref: 68

6) B

Page Ref: 55

7) C

Page Ref: 58

8) A

Page Ref: 73

9) D

Page Ref: 68-69

10) C

Page Ref: 63