

Automotive Heating and Air Conditioning, 9th Edition

Quiz 6A

NAME _____

1. When replacing an accumulator how much refrigerant oil should be added (typical)? 1. _____
 - A) 2 oz.
 - B) About 7 oz.
 - C) No more than 0.5 oz.
 - D) None of these

2. 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? 2. _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

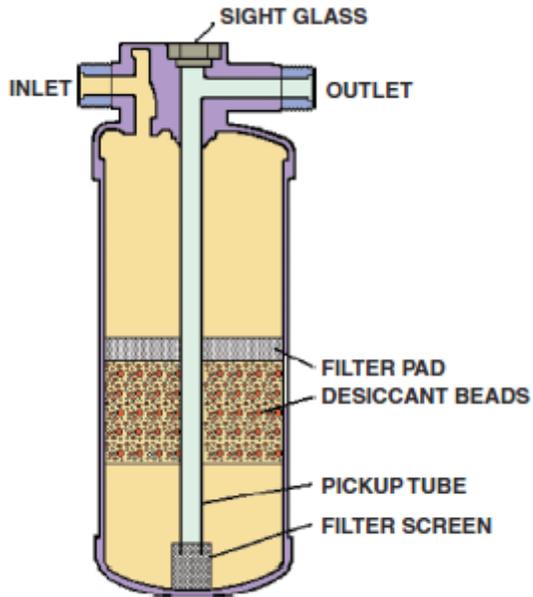
3. Technician A says that all O-rings are OK to use with R 134a systems. Technician B says that the color of the O-ring indicates the material it is made from. Which technician is correct? 3. _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

4. As the latent heat of condensation is transferred to the airstream in the condenser, the refrigerant makes the change into a _____. 4. _____
 - A) liquid
 - B) vapor
 - C) gas
 - D) solid

5. The evaporator is a heat exchanger that is located _____ of the vehicle. 5. _____
 - A) near the radiator
 - B) outside
 - C) in the HVAC case
 - D) under the front seat

6. Identify this component.

6. _____



- A) Accumulator
- B) Receiver-drier
- C) A muffler
- D) None of these

7. Two technicians are discussing orifice tubes. Technician A says the OT may be located close to the evaporator inlet. Technician B says the OT is placed close to the condenser in some vehicles. Which technician is correct?

7. _____

- A) Technician A only
- B) Technician B only
- C) Both technicians A and B
- D) Neither technician A nor b

8. The orifice tube is usually located at the inlet tube to the _____.

8. _____

- A) condenser
- B) compressor
- C) evaporator
- D) receiver-drier

9. The advantages of a TXV system over an orifice tube system include _____.

9. _____

- A) simpler and cheaper to produce
- B) requires a smaller refrigerant charge
- C) more moving parts
- D) All of the above

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

10. _____

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

Answer Key

Testname: AHAC9_6A

1. A
Page Ref: 83
2. B
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3. B
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4. A
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5. C
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6. B
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7. C
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