

### Refrigerators

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Why is the Refrigeration System also called the “sealed system?”

What are the three main components of the refrigeration system?

What is “refrigerant?”

List the basic functions of the:

- Compressor
- Condenser
- Evaporator
- Damper

What are some of the “notable symptoms” that you will see for each of the four components?

- Compressor
- Condenser
- Evaporator
- Damper

Why do the evaporator coils need to be defrosted regularly?

Where does the melted water (“condensate”) go?

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What are notable symptoms related to the defrost system?

What are the proper operating temperatures for the two compartments?

- Freezer
- Fresh-food compartment

Why should customers keep thermometers in their refrigerators?

How do you set the controls in a refrigerator?

How do Dual Evaporator refrigerators differ from the more common Single Evaporator models?

Water “being out of place” in a refrigerator: describe the potential causes of each of these:

- Liquid water
- Solid Ice
- Frost or “rime ice”
- Condensation

What conditions are necessary for an ice maker to function?

What should you ask your customer regarding their non-functioning icemaker?



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Label the following components on this refrigerator:

Damper

Compressor

Evaporator coils

Evaporator fan

Evaporator defrost

Condenser coils

Condenser fan

