



## Task Title: Comparing Air Conditioners

### OALCF Cover Sheet – Practitioner Copy

**Learner Name:** \_\_\_\_\_

**Date Started:** \_\_\_\_\_

**Date Completed:** \_\_\_\_\_

**Successful Completion:** Yes ☐ No ☐

**Goal Path:** Employment ☐ Apprenticeship ☐

Secondary School ☐ Post Secondary ☐ Independence ☐

**Task Description:** The learner will watch a short video and answer questions about comparing air conditioners.

#### Main Competency/Task Group/Level Indicator:

- Find and Use Information/Extract information from films, broadcasts and presentations/A3
- Use Digital Technology/D.2

#### Materials Required:

- Pen/pencil and paper or digital device

Task Title: ComparingAirConditioners\_A\_A3\_D.2

### Learner Information

Customers may ask air conditioning technicians for their input when choosing an air conditioner. Understanding different options and being able to explain them to customers is important for this job.

Watch this video about Lennox Air Conditioner Reviews (5:14).

<https://www.youtube.com/watch?v=oNJ960Lp5vU>

## Work Sheet

**Task 1: List three pros when considering the Lennox ML14XC1 air conditioner.**

Answer:

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**Task 2: List two cons when considering the Lennox XC20 air conditioner.**

Answer:

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**Task 3: One of the pros given for several air conditioners is the SEER rating. Conduct a web search for "SEER rating air conditioner". In one or two sentences, describe what SEER and give one reason why a SEER rating might be important when making a purchase.**

Answer:

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Task Title: ComparingAirConditioners\_A\_A3\_D.2

**Task 4: Conduct a web search for “SEER rating requirements in Canada”. List the minimum SEER rating for new air conditioners in Canada and the minimum needed to qualify for Energy Star.**

Answer:

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## Answers

### **Task 1: List three pros when considering the Lennox ML14XC1 air conditioner.**

Answer: Any three of

- affordable
- low noise operation
- adaptability
- humidity control
- energy efficiency

### **Task 2: List two cons when considering the Lennox XC20 air conditioner.**

Answer: Limited warranty; the inverter board might need replacement after a certain period of time.

### **Task 3: One of the pros given for several air conditioners is the SEER rating. Conduct a web search for “SEER rating air conditioner”. In one or two sentences, describe what SEER is and give one reason why a SEER rating might be important when making a purchase.**

Answer: SEER is Seasonal Energy Efficiency Ratio. It quantifies how much energy and money an air conditioner requires to cool effectively over a single year. The higher the ratio, the less energy the unit uses. More efficient systems save money on cooling bills.

OR

The SEER (Seasonal Energy Efficiency Ratio) rating of an air conditioner indicates its energy efficiency, with higher numbers signifying greater efficiency. In Canada, the minimum standard for modern cooling systems is 13 SEER. A higher SEER rating means the air conditioner uses less energy to cool your home, potentially leading to lower electricity bills. (AI Overview)

*NOTE – The learner is more likely to copy what they find online than to write something in their own words – which is why no B2 competency has been assigned to this task.*

Task Title: ComparingAirConditioners\_A\_A3\_D.2

**Task 4: Conduct a web search for “SEER rating requirements in Canada”. List the minimum SEER rating for new air conditioners in Canada and the minimum needed to qualify for Energy Star.**

Answer: SEER of 14 is required for new installations in Canada; 14.5 qualifies for the Energy Star program.

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### Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A3	extracts info from films, broadcasts and presentations			
D.2	selects and follows appropriate steps to complete tasks			
	locates and recognizes functions & commands			
	makes low-level inferences to interpret icons and text			
	begins to identify sources and evaluate information			
	performs simple searches using keywords (e.g. internet, software help menu)			

This task: Was successfully completed ☐ Needs to be tried again ☐

Learner Comments:

Instructor (print):

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Learner (print):

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