

Nom:

Date:

HVAC Learning.com

Exercise Booklet

Print this exercise booklet before studying the lesson on-line. It will enable you to write your answers to the HVAC learning exercises. You will thus be able to switch between reading or listening to the file on-line and writing in the booklet.



AIR CONDITIONERS – TECHNOLOGY – PART 1

English lesson

<https://hvac-learning.com/air-conditioning-cooling/air-conditioners-training/air-conditioners-technology-part-1/>

French version:

<https://formation.xpair.com/cours/climatiseurs-partie-1.htm>

For each exercise, you will write your answer, then you will study its correction on-line before going to the next exercise.

If you cannot do an exercise, you will be able to study its correction directly, but **force yourself to write your answer** as often as possible.

Note that between 2 exercises, you will find it necessary to study the course. As a warning, in the booklet, you will sometimes find the following indication:

- “ **Study the course on-line before doing the next exercise**” or
- “ **Study the course on-line before going to the next paragraph**”

Only study the paragraphs or the exercises which have an equal or a lower level than the one your training requires.

NVQ Level = Vocational Certificate

A Level = High school Diploma

HND Level = Associate’s Degree

MSC Level = Engineering Schools

Then, when you have completed a file, you will be able to assess your level on-line through a Multiple Choice Questionnaire in which you will only answer the questions related to the themes you have studied.

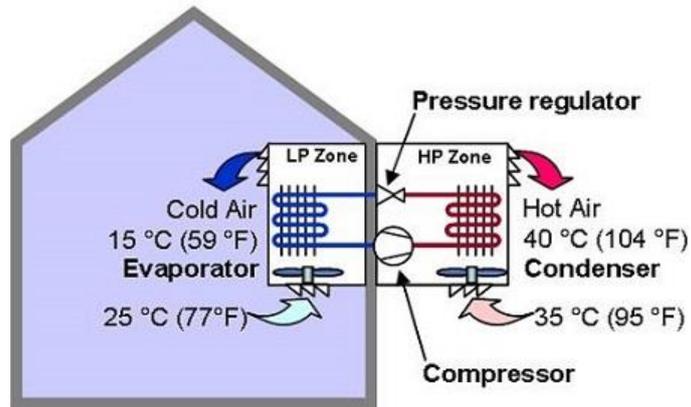
So now off you go and work well!

Good luck!

The Authors.

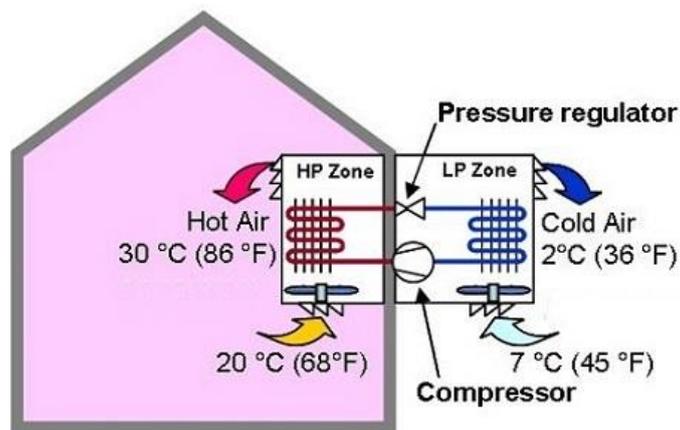
N°1 – Operating principles training – NVQ level

Study the course on-line before treating the exercise.



Question 1

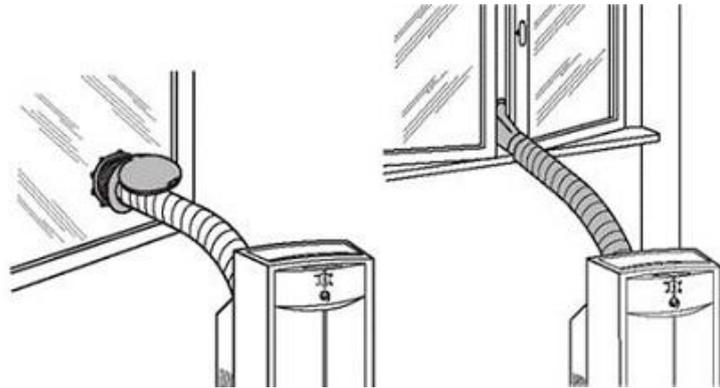
Indicate below where is the condenser in winter? Where is the evaporator?



Study the course on-line before treating the next paragraphe.

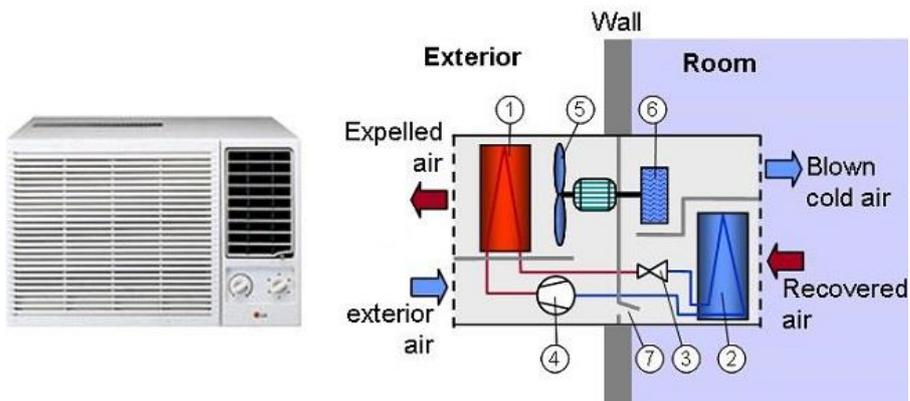
N°2 – Mobile air conditioners training – NVQ level

Study the course on-line.



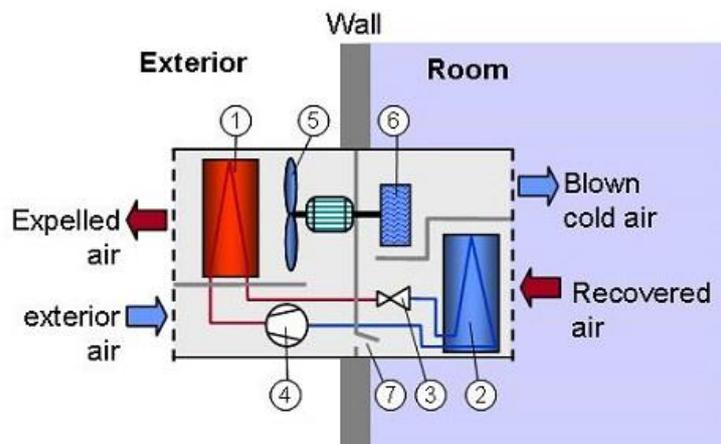
N°3 – Window air conditioners training – NVQ level

Study the course on-line before treating the exercise.



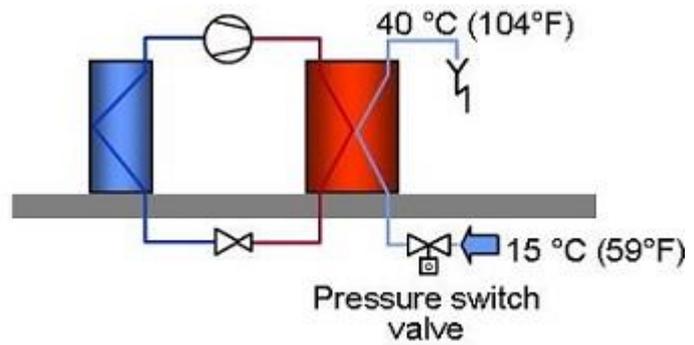
Question 1

List the names of the pieces of equipment numbered in the diagram of the "Window" air conditioning above.



N°4 – Mono-bloc air conditioners training – NVQ level

Study the course on-line.



Question 1

Why cooled by waste water is usually a very costly operating solution?

N°5 – Mono-split air conditioners training – NVQ level

Study the course on-line.



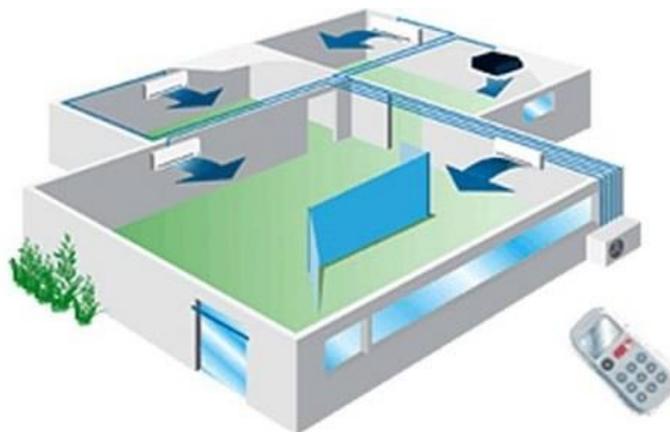
N°6 – Multi-split air conditioners training – NVQ level

Study the course on-line before treating the exercise.



Question 1

Describe the installation below.



Study the course on line.

English lesson

<https://hvac-learning.com/air-conditioning-cooling/air-conditioners-training/air-conditioners-technology-part-1/>

French version:

<https://formation.xpair.com/cours/climatiseurs-partie-1.htm>

ADEGEB : All rights are reserved. None of this material may be reproduced or redistributed without HVAC Learning's written permission.