Appropriate Dismantling of Air Conditioners

11 steps to consider for technicians and operators of WEEE* management companies

* WEEE: Waste of electrical and electronic equipment

1. Remove outer plastic paneling
2. Remove the circuit board. The circuit board might contain harmful substances!
3. Extract the refrigerant at the lowest point and separate the oil and the refrigerant using the appropriate equipment. Refrigerants are harmful substances. Do not release them into the atmosphere!
4. Remove the compressor (with all its components)
5. Cut all visible protruding parts
6. Remove the heat exchanger
7. Extract the fan and the e-motor
8. Remove all visible cables
9. Identify and extract the capacitor. Capacitors might contain harmful substances!
10. Remove the transformer
11. Fill out the desired information in the template of record keeping

Considering these steps, you contribute to your health protection, the protection of the ozone layer and avoid global warming!

Remember to put your personal protection elements!

For more information, please check the Guideline on the Manual Dismantling of Refrigerators and Air Conditioners!

On behalf of:

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

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