



Maintaining your air conditioning system

Why should you maintain your unit?

- ◆ Regular maintenance checks will help ensure your air conditioning system is operating as efficient as possible. Energy consumption can increase by as much as 60% as a result of poor maintenance and dirty components.
- ◆ If you have had your unit recently installed, the manufacturer warranty will require regular maintenance to validate your warranty. Normally warranty is only valid on parts.
- ◆ To ensure that you are covered for the F Gas regulations. Please see our fact sheet 1 for more details on this legislation.

What should you look for when choosing a air conditioning contractor?

- ◆ Choosing a air conditioning contractor that is local will mean cheaper travel times.
- ◆ Ensure that your contractor maintains its outdoor units, as well as indoor, as this will improve its efficiency.
- ◆ Look to see if they are accredited with a quality body such as the HVCA, which demonstrates its dedication to quality workmanship and health and safety.
- ◆ All air conditioning contractors require to have a F Gas certificate, ask for their registration number.
- ◆ Look for other accreditations such as ISO14001 and ISO9001 which highlights their commitment to the environment and quality.
- ◆ Ensure that your maintenance covers you for F Gas regulations, good quality servicing should automatically include this check. Please see fact sheet 1 for more details.

DX Electrica provides 3 maintenance services,
to suit your requirements

- ◆ Pay as you go—one minor
- ◆ Standard service contract—one major and one minor
- ◆ Mission critical service contract—two major and two minor



Why choose DX Electrica?

- ◆ DX Electrica is based in Central London, so local to you.
- ◆ We are HVCA accredited and F Gas certificated.
- ◆ We carry out our maintenance service in accordance with the HVCA, to ensure that the unit is maintained to a good standard. This includes maintaining both the indoor and outdoor units.
- ◆ DX Electrica are ISO9001 and ISO14001 accredited.
- ◆ We provide three different services to suit your needs and carry out two different type of services within the lifetime of the contract (major and minor), ensuring optimisation of your System.
- ◆ DX Electrica provides our clients with excellent customer service, and we always ask for our customers feedback after each service is carried out.

What does our service include? As recommended by the HVCA.

Below shows the procedure carried out during each air conditioning service.

1. **Check Status**— Isolate Electricity
2. **Inspect Coil** — Remove air entry filter, inspecting coil for dirt and clean as required.
3. **Check Fan and Motor Bearing** — ball bearings will be lightly oiled—**carried out on a Major service**
4. **Check condensate , drain pan and pump**—checking the pan and drain to ensure they are clear
5. **Air filter**—to wash dry and refit, renew the air filter if required.—**carried out on a Major service**
6. **Water loops connections**—check for leaks and report.
7. **Refrigeration Circuit**—check for leaks and report.
8. **Electrical wiring and terminal**—checking terminal integrity.
9. **Return to service**—placing units on cooling cycle, isolate from water loop, checking high pressure, safety device stops and refrigeration compressor.
10. **Controls**— returning to standard settings
11. **External cleaning**—cleaning unit externally if required.

