



# SHIVA

Air Conditioning

*AC Experts for Commercial  
Installations & Maintenance*

Shiva Air Conditioning is Dublin's fastest growing Air Conditioning company. At Shiva Air Conditioning, our specialist service is creating and controlling a desired temperature of your internal environment.





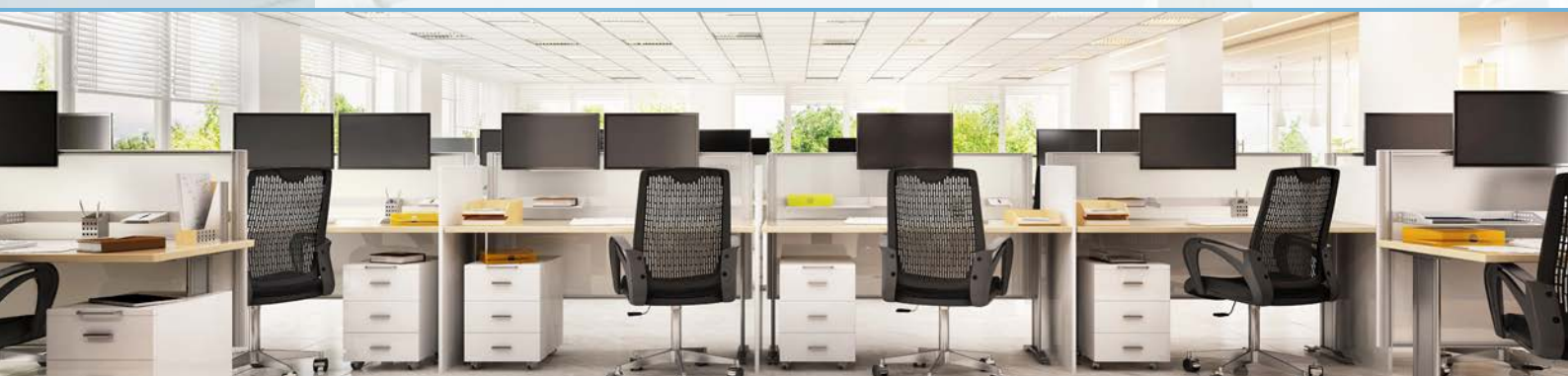
Shiva Air Conditioning has built an excellent reputation for working in lieu with Architects / Interior Designers / Main Contractors / Consulting Engineers through any project. We also specialise in Value Engineering projects to suit design, needs, and budget, when required.

Alternatively, "Turn-Key" Installations are another speciality of Shiva Air Conditioning. We can design a system direct for the client, and have other services (example: Electrical Works, Ventilation Works, Custom Builders Works, etc.) brought in on a subcontractor basis, saving time and hassle of dealing with other trades to accommodate our work.

At Shiva Air Conditioning all our staff pride themselves in being able to provide a neat, high quality, friendly service.

When you speak to a Shiva Representative you will be confident you are receiving the most accurate, up to date, and friendly advice possible.

- ❄️ We pride ourselves in being able to provide high quality design, installation and maintenance packages, that we are confident cannot be surpassed.
- ❄️ We only use high quality equipment from leading manufacturers, with high energy ratings and high reliability, to ensure your Air Conditioning system runs for as long as possible, while at the same time at the lowest cost possible.
- ❄️ We'll design a system specifically for your needs and budget.
- ❄️ We specialise in both Split type systems for smaller installations, and VRF (Variable Refrigerant Flow) Systems for large scale projects.
- ❄️ Whatever the application needed, you can rely on us to deliver your project on time and on budget.



## Maintenance:

Why should I get my system maintained professionally?

Properly maintaining your system will save you money on your energy bills and will help your system perform at peak efficiency, as well as keeping the system's warranty's intact. A properly maintained system also lasts longer which is important due to the expense of replacement. During a preventive maintenance, certain parts that can cause trouble when dirty, are cleaned to keep the system running smoothly and efficiently, as well as improving the air quality in the environment.

## Do I really need a company contracted to look after it?

By having a single air conditioning company provide you with an annual maintenance contract you will benefit by having them contracted by you. Here are the main benefits of having a professional company providing you with an annual preventative maintenance contract:

- ❄ Increased dependability.
- ❄ Find potential problems and fix them quickly.
- ❄ Provide maximum efficiency which lowers energy costs.
- ❄ Prolongs the life-span of the equipment.
- ❄ Maintains safe and healthy operation.
- ❄ Can help to protect the environment.
- ❄ Drastically reduces the chance of a break-down which usually happens at night or on weekends when repair rates are higher.

## By law, do I need my system maintained professionally?

From 1st Jan 2010, yes. All companies must have documents proving that they are having their air conditioning, and refrigeration systems inspected regularly under the new F-Gas legislation.

## What is the F-Gas Legislation?

Fluorinated greenhouse gases (F-Gases)

The European Regulation on certain fluorinated greenhouse gases (Regulation 842/2006) came into force for most provisions in July 2007. Its principle aim is to reduce greenhouse gas emissions through the containment and prevention of emissions; phase out of these gases is not generally a requirement of the Regulation except for some specified uses. In many cases, ozone depleting substances were replaced by fluorinated greenhouse gases in the refrigeration and air conditioning sector. One of the specific requirements of the Regulation



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is to carry out periodic leak checking of equipment containing F-Gases, the frequency depending on the quantity of gas contained, as follows:

- **3kg** F-Gas content – minimum **annual** leak check
- **30kg** F-Gas content – minimum **once per 6 months** leak check
- **300kg** F-Gas content – minimum **once per 3 months** leak check

Therefore, while it is clear that there is some overlap with the requirements under the ODS Regulation, the requirements are more onerous under the F-Gas Regulation.

### How will the F-Gas Legislation affect my business?

Put into simple words: F-Gas Legislation states that you must have your a/c and refrigeration equipment professionally checked for refrigerant gas leaks a certain number of times per year (depending on system size). Additionally if your system runs using R22, it will be illegal to replenish the system with new refrigerant gas. Recycled gas (recovered from other a/c systems) will still be legal to use until 31st December 2014. After this date all R22 Refrigerant will be banned across the EU.

### My system is currently using R22 Refrigerant, is it useless now?

After 1st January 2015 it will be illegal to repair a system operating with R22 Refrigerant. It is possible to have a 'Drop in' refrigerant as a solution to replace the R22, however this also means replacing the oil in the compressor, stats & sensors, along with other mechanical parts of the system. It is usually easier and more economically viable to 'retro-fit' the system. This method involves re-using the existing pipework and cables, then simply replacing the indoor and outdoor units, saving on installation time/costs, and minimising the disruption usually involved with a new installation procedure.



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## Benefits of a Shiva Air Conditioning Maintenance Contract:

- ❄️ You'll benefit from our reduced labour rates which will remain fixed throughout the full term of the agreement.
- ❄️ We work around your company's needs, we can arrange maintenance to be carried out at weekends or evenings at customers request, perfect for office type environments.
- ❄️ The planned maintenance visits will be scheduled on our Service Management System to ensure they are carried out on time, every time. We make contact with a phone call and email in advance, notifying you with a date/time of when we intend to carry out the service, this can be changed at your request if desired.
- ❄️ You'll benefit from a priority (same day) response in the event of anything going wrong, over non-contract holders.
- ❄️ You'll be given a 25% discount for any additional call-outs versus a non-contract customer.
- ❄️ If an important a/c unit breaks down (example: computer room) we will prioritise your call, and provide a portable a/c system if needed, (free of charge) while we diagnose/repair the problematic unit.
- ❄️ We provide your company with our unique Maintenance Reports, which get filled out and signed by our engineers after each visit, proving that your a/c system is serviced, and up-to-date, therefore keeping your company compliant with the F-Gas Regulation.
- ❄️ We'll keep you updated with information of any new environmental legislation that may affect you.

## Our Maintenance procedure and schedule typically works as follows:

- ❄️ January- Filter clean, visual and diagnostic fault check on all systems, attend to any current issues.
- ❄️ April- Full Service, filters clean, coils cleaned on indoor units and condensers, gas pressures checked/weighed if necessary, visual and diagnostic fault check on all systems. Test all units in cooling mode for the Summer months ahead.
- ❄️ July- Filter clean, visual and diagnostic fault check on all systems, attend to any current issues.
- ❄️ October- Full Service, filters clean, coils cleaned on indoor units and condensers, gas pressures checked/weighed if necessary, visual and diagnostic fault check on all systems. All drains disinfected. Test all units in heating mode for the Winter months ahead.



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**24/7 Call-Out/Breakdown cover is also included in our service:**

**Labour Rates:**

Additional Call-Outs receive the following discount when you are an annual preventative maintenance contract holder:

**Call Out Charge (1st Hour & Travel Incl.)**

Normal Charge: €130.00    Contract Holder: €80.00

**Engineer Hourly Rate**

Normal Charge: €65.00    Contract Holder: €50.00

**Engineer & Apprentice Hourly Rate**

Normal Charge: €105.00    Contract Holder: €85.00

**Out of Hours Hourly Rates (Single Engineer)**

Monday to Thursday 5pm – 7:30am:

Normal Charge: €85.00    Contract Holder: €65.00

Friday 3:30pm – Monday 7:30am:

Normal Charge: €95.00    Contract Holder: €65.00

Bank Holidays/Public Holidays:

Normal Charge: €105.00    Contract Holder: €65.00

Call-Outs are invoiced at end of month, accompanied with a works docket, 30 days credit is given to contract holders from date of invoice.

**Contact Details:**

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