



## **Argon Gas: A Typical Question & Answer Overview**

### **What does Argon gas do for a window?**

Argon gas increases the window's ability to insulate. Because Argon gas does not conduct heat as readily as air, it helps keep heat in during the winter and out in the summer.

### **What does this gas look like? Will I see it in my windows?**

No, Argon gas is clear, colourless and odourless. Even if installed side by side you cannot see the difference between a window filled with gas and one not filled with gas just by looking at them.

### **How long will the gas stay in the window?**

Numerous studies show that gas typically leaks out less than 1% per year. Over twenty years the window will still have 80% of the gas still trapped inside it.

### **Is Argon gas dangerous?**

An emphatic NO! - Argon gas exists naturally in the air you breathe. It is both non-toxic and inert.

### **Will my houseplants grow?**

Argon does not block any portion of the sun's light. Your houseplants will not be affected.

### **Is it only for energy savings?**

Whilst energy savings are important, the real "comfort" benefit of gas filling is the increase in the inner glazing temperature. Raising the inner glass temperature can substantially reduce condensation on the glass (in very rare cases condensation may occur on the external face of the glass outside the house. This shows how effective the low 'E' coating & Argon gas is, due to the fact that the coating is preventing any heat loss through the glass. This means that the external pane of glass outside is much cooler therefore when the air outside hits the face of glass it may form as condensation externally. This condensation will evaporate naturally and will not create any damage.) A "warmer" surface is also more comfortable to be near.

### **Do all windows have Argon gas?**

Unfortunately not, gas filled windows are manufactured using specialised equipment and not all manufacturers have these facilities, so when buying new windows make sure your window supplier can offer you the benefits of Argon gas for that extra insulation.